# FINANCIAL REPORTING FOR SAP

## USING ALTERYX & DVW ANALYTICS

DVW ANALYTICS

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# AGENDA

- SAP Financial Reporting Landscape for Alteryx
- The big 3 Alteryx Connector for SAP Tools for Financial Reporting
  - Accessing SAP Table Data with Alteryx
  - Working with SAP T-Codes in Alteryx
  - Running SAP BW Queries in Alteryx
- Examples
- Automation with Alteryx Server

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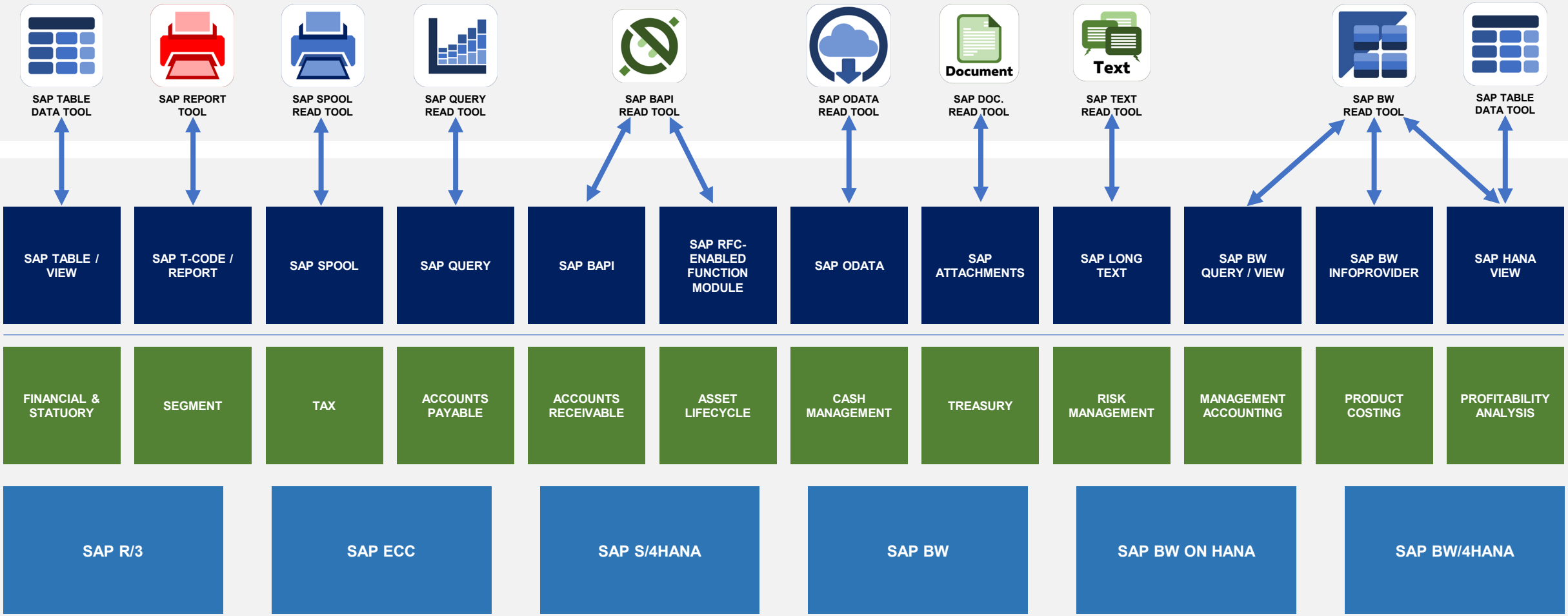
# SAP FINANCIAL REPORTING LANDSCAPE FOR ALTERYX

## ALTERYX & DVW ANALYTICS (DESIGNER & SERVER)

SAP RPA TOOL




**SAP**

**PARTIAL LIST OF SUPPORTED SAP PRODUCTS**

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# ACCESSING SAP TABLE DATA WITH ALTERYX

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# SAP TABLE CAPABILITIES

## FINEST LEVEL OF GRANULARITY AVAILABLE IN SAP

### SAP Table Data Read

- Search for and extract data from SAP Tables (Transparent / Pooled / Clustered), SAP Views and SAP S/4HANA Views
- Access a complete list of Fields including Custom Fields
- Select Fields to be extracted
- Control maximum number of records to be extracted
- Apply Filters
- Use "Splits" function to optimize extract of large data volumes

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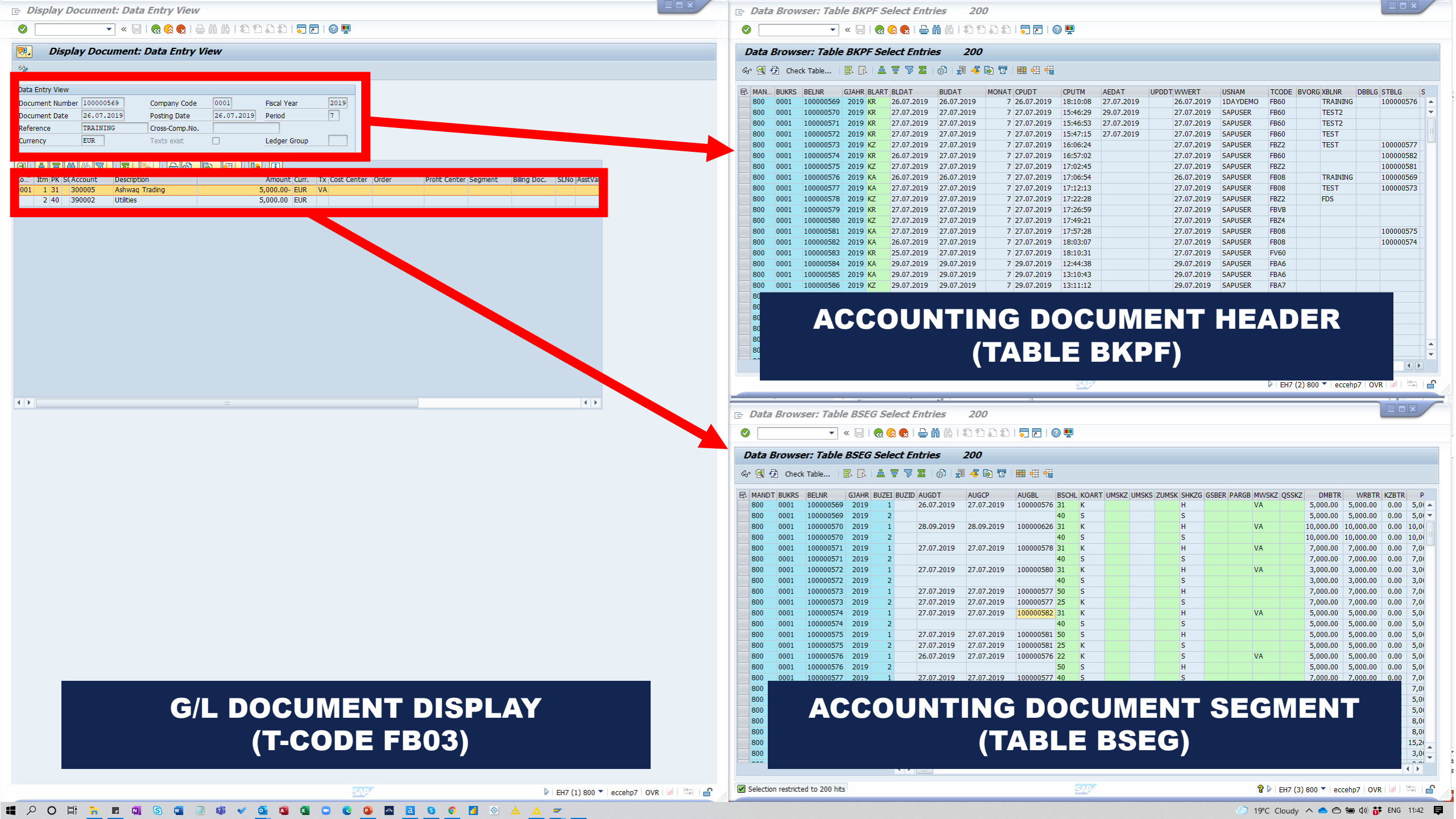

Display Document: Data Entry View
Display Document: Data Entry View
Data Entry View
Document Number 100000569
Company Code 0001
Fiscal Year 2019
Document Date 26.07.2019
Posting Date 26.07.2019
Period 7
Reference TRAINING
Cross-Comp.No.
Currency EUR
Texts exist
Ledger Group
Itm PK Account Description Amount Curr. Tx Cost Center Order Profit Center Segment Billing Doc.
1 31 300005 Ashwaq Trading 5,000.00- EUR VA
2 40 390002 Utilities 5,000.00 EUR
Data Browser: Table BKPF Select Entries 200
Check Table...
MANDT BUKRS BELNR GJAHR BLART BLDAT BUDAT MONAT CPUDT CPUTM AEDAT UPDDT WWERT USNAM TCODE BVORG XBLNR DBBLG STBLG
800 0001 100000569 2019 KR 26.07.2019 26.07.2019 7 26.07.2019 18:10:08 27.07.2019 26.07.2019 1DAYDEMO FB60 TRAINING 100000576
800 0001 100000570 2019 KR 27.07.2019 27.07.2019 7 27.07.2019 15:46:29 29.07.2019 27.07.2019 SAPUSER FB60 TEST2
800 0001 100000571 2019 KR 27.07.2019 27.07.2019 7 27.07.2019 15:46:53 27.07.2019 27.07.2019 SAPUSER FB60 TEST2
800 0001 100000572 2019 KR 27.07.2019 27.07.2019 7 27.07.2019 15:47:15 27.07.2019 27.07.2019 SAPUSER FB60 TEST
800 0001 100000573 2019 KZ 27.07.2019 27.07.2019 7 27.07.2019 16:06:24 27.07.2019 SAPUSER FBZ2 TEST 100000577
800 0001 100000574 2019 KR 26.07.2019 27.07.2019 7 27.07.2019 16:57:02 27.07.2019 SAPUSER FB60 100000582
800 0001 100000575 2019 KZ 27.07.2019 27.07.2019 7 27.07.2019 17:02:45 27.07.2019 SAPUSER FBZ2 100000581
800 0001 100000576 2019 KA 26.07.2019 26.07.2019 7 27.07.2019 17:06:54 26.07.2019 SAPUSER FB08 TRAINING 100000569
800 0001 100000577 2019 KA 27.07.2019 27.07.2019 7 27.07.2019 17:12:13 27.07.2019 SAPUSER FB08 TEST 100000573
800 0001 100000578 2019 KZ 27.07.2019 27.07.2019 7 27.07.2019 17:22:28 27.07.2019 SAPUSER FBZ2 FDS
800 0001 100000579 2019 KR 27.07.2019 27.07.2019 7 27.07.2019 17:26:59 27.07.2019 SAPUSER FBVB
800 0001 100000580 2019 KZ 27.07.2019 27.07.2019 7 27.07.2019 17:49:21 27.07.2019 SAPUSER FBZ4
800 0001 100000581 2019 KA 27.07.2019 27.07.2019 7 27.07.2019 17:57:28 27.07.2019 SAPUSER FB08 100000575
800 0001 100000582 2019 KA 26.07.2019 27.07.2019 7 27.07.2019 18:03:07 27.07.2019 SAPUSER FB08 100000574
800 0001 100000583 2019 KR 25.07.2019 27.07.2019 7 27.07.2019 18:10:31 27.07.2019 SAPUSER FV60
800 0001 100000584 2019 KA 29.07.2019 29.07.2019 7 29.07.2019 12:44:38 29.07.2019 SAPUSER FBA6
800 0001 100000585 2019 KA 29.07.2019 29.07.2019 7 29.07.2019 13:10:43 29.07.2019 SAPUSER FBA6
800 0001 100000586 2019 KZ 29.07.2019 29.07.2019 7 29.07.2019 13:11:12 29.07.2019 SAPUSER FBA7
ACCOUNTING DOCUMENT HEADER (TABLE BKPF)
Data Browser: Table BSEG Select Entries 200
Check Table...
MANDT BUKRS BELNR GJAHR BUZEI BUZID AUGDT AUGCP AUGBL BSCHL KOART UMSKZ UMSKS ZUMSK SHKZG GSBER PARGB MWSKZ QSSKZ DMBTR WRBTR KZBTR
800 0001 100000569 2019 1 26.07.2019 27.07.2019 100000576 31 K H VA 5,000.00 5,000.00 0.00
800 0001 100000569 2019 2 40 S 5,000.00 5,000.00 0.00
800 0001 100000570 2019 1 28.09.2019 28.09.2019 100000626 31 K H VA 10,000.00 10,000.00 0.00
800 0001 100000570 2019 2 40 S 10,000.00 10,000.00 0.00
800 0001 100000571 2019 1 27.07.2019 27.07.2019 100000578 31 K H VA 7,000.00 7,000.00 0.00
800 0001 100000571 2019 2 40 S 7,000.00 7,000.00 0.00
800 0001 100000572 2019 1 27.07.2019 27.07.2019 100000580 31 K H VA 3,000.00 3,000.00 0.00
800 0001 100000572 2019 2 40 S 3,000.00 3,000.00 0.00
800 0001 100000573 2019 1 27.07.2019 27.07.2019 100000577 50 S H 7,000.00 7,000.00 0.00
800 0001 100000573 2019 2 27.07.2019 27.07.2019 100000577 25 K S 7,000.00 7,000.00 0.00
800 0001 100000574 2019 1 27.07.2019 27.07.2019 100000582 31 K H VA 5,000.00 5,000.00 0.00
800 0001 100000574 2019 2 40 S 5,000.00 5,000.00 0.00
800 0001 100000575 2019 1 27.07.2019 27.07.2019 100000581 50 S H 5,000.00 5,000.00 0.00
800 0001 100000575 2019 2 27.07.2019 27.07.2019 100000581 25 K S 5,000.00 5,000.00 0.00
800 0001 100000576 2019 1 26.07.2019 27.07.2019 100000576 22 K S VA 5,000.00 5,000.00 0.00
800 0001 100000576 2019 2 50 S H 5,000.00 5,000.00 0.00
800 0001 100000577 2019 1 27.07.2019 27.07.2019 100000577 40 S S 7,000.00 7,000.00 0.00
ACCOUNTING DOCUMENT SEGMENT (TABLE BSEG)
G/L DOCUMENT DISPLAY (T-CODE FB03)
Selection restricted to 200 hits
EH7 (1) 800 eccehp7 OVR
EH7 (2) 800 eccehp7 OVR
EH7 (3) 800 eccehp7 OVR
19°C Cloudy
ENG 11:42

Alteryx Designer x64 - SAP General Ledger - Extract G_L Accounting Data (Table Extract) - NMM.yxmd

File Edit View Options Help

Search for tools, help, and resources

Favorites | SAP Read Tools | SAP Write Tools | SAP Connect | SAP CX | SAP SF | SAP BusinessObjects | SAP IBP | RPA | Recommended | In/Out | Preparation | Join | Parse | Transform | In-Database | Reporting | Documentation | Spatial | Machine Learning | Text Mining | Computer Vision | Interface | Data Investigation | Predictive

ACS BAPI Parse Tool | ACS Filter Tool | ACS Reconciliati... | SAP Archive Tool | SAP BAPI Read | SAP BW Read | SAP ByD Read | SAP Document ... | SAP Document ... | SAP Document ... | SAP Document ... | SAP Document ... | SAP Logon | SAP oData Read | SAP ODP Tool | SAP Query Tool | SAP Report Tool | SAP Spool Read | SAP Table (Enhanced) ... | SAP Table Data | SAP Table Data [X] | SAP Text Read

SAP Table Data (2) - Configuration

Basic | Parameters | Dynamic Input | Messages | Help

Table Selection

Table: BKPF | Accounting Document Header | TRANSI | Search | Refresh

Records: 200 | Packet Size: 50000 | Validate? | Text? | Compress?

Selection | Filters and Variables

Record Width: 212 | Search | Highlight

- Available Fields
  - Key Fields [keys]
    - Secondary Indexes [indexes]
      - Index by reference number [IDX001]
      - Index by posting date [IDX002]
      - Index by document type [IDX003]
      - Index by application type and key [IDX004]
      - Index by CPU date [IDX005]
      - Index by document date [IDX006]
      - Posting Day/Actual Posting/Company Code [BUT]
    - Client [MANDT]
    - Company Code [BUKRS]
    - Accounting Document Number [BELNR]
    - Fiscal Year [GJAHR]
  - Data Fields [attributes]
    - Document type [BLART]
    - Document Date in Document [BLDAT]
    - Posting Date in the Document [BUDAT]
    - Fiscal period [MONAT]
    - Day On Which Accounting Document Was Entered [CPUDT]
    - Time of Entry [CPUTM]
    - Date of the Last Document Change by Transaction [AEDAT]
    - Date of the Last Document Update [UPDDT]
    - Translation date [WWERT]
    - User Name [USNAM]
    - Transaction Code [TCODE]
    - Number of Cross-Company Code Posting Transaction [BVORG]
    - Reference Document Number [XBLNR]
    - Recurring Entry Document Number [DBBLG]
    - Recurring Entry Document Fiscal Year [DBBLG_GJAHR]
    - Recurring Entry Document Company Code [DBBLG_BUKRS]
    - Reverse Document Number [STBLG]
    - Fiscal Year of Reversal Document [STJAH]
    - Document Header Text [BKTXT]
    - Currency Key [WAERS]
    - Exchange rate [KURSF]
    - Currency Key for the Group Currency [KZWRS]
    - Group Currency Exchange Rate [KZKRS]
    - Document Status [BSTAT]
    - Indicator: Document posted net ? [XNETB]
    - Unplanned delivery costs [FRATH]
    - Indicator: Document Is Posted to a Previous Period [XRUEB]
    - Business Transaction [GLVOR]
    - Batch Input Session Name [GRPID]
    - Document Name in the Archive System [DOKID]
    - Extract ID Document Header [ARCID]
    - Internal Document Type for Document Control [IBLAR]
    - Reference procedure [AWTYP]
    - Object key [AWKEY]
    - Financial Management Area [FIKRS]
    - Local Currency [HWAER]
    - Currency Key of Second Local Currency [HWAE2]
    - Currency Key of Third Local Currency [HWAE3]
    - Exchange Rate for the Second Local Currency [KURS2]
    - Exchange Rate for the Third Local Currency [KURS3]
    - Source Currency for Currency Translation [BASW2]
    - Source Currency for Currency Translation [BASW3]
    - Translation Date Type for Second Local Currency [UMRD2]
    - Translation Date Type for Third Local Currency [UMRD3]
    - Indicator: Document Is Flagged for Reversal [XSTOV]
    - Planned Date for the Reverse Posting [STODT]
    - Calculate Tax Automatically [XMWST]

Show selected items only? | Sort? | Text and Key

Start Here.yxmd | SAP Asset Management - Depreciation Report - SAP Query.yxmd | SAP General Ledger - Extract G_L Accounting Data (Table Extract) - NMM.yxmd

Run

DVW ANALYTICS

# SAP General Ledger - Extract General Ledger Accounting Data (Table Extract)

This workflow comprises a Caller workflow and a Callee workflow. This is the Caller workflow. It uses the DVW ACS SAP Table Data and Filter tools to extract data from the "Big Two" SAP Financial Accounting (FI) Transaction Data Tables: BKPF (Accounting Document Header) and BSEG (Accounting Document Segment).

Table BKPF holds the Header data for all Financial transactions in SAP while table BSEG holds the Segment or Item data for all Financial transactions in SAP. By combining data from the two tables we can effectively recreate SAP Financial Accounting documents within Alteryx.

**This workflow requires the DVW ACS for Alteryx Designer. For more details and to request a trial, visit us at www.dvwanalytics.com**

The SAP Logon tool passes your SAP system details & user credentials to the DVW ACS tools that connect to it.

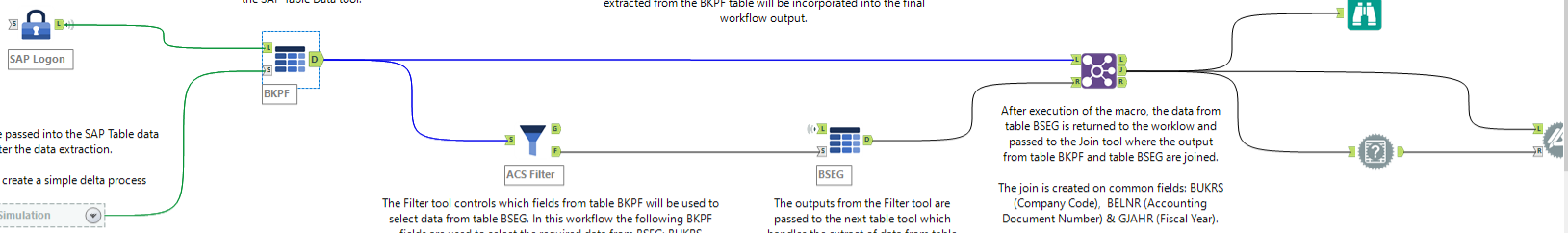
In this workflow, the details are passed to the SAP Table Data tool.

SAP table, BKPF (Accounting Document Header) is selected in the SAP Table Data tool along with the fields that will (a) be used to select BSEG (Accounting Document Segment) data and (b) included in the workflow output.

Take a look at the Basic and Parameters tabs of the SAP Table Data tool.

This branch of the workflow passes the data extracted from the BKPF table to the Join tool. This step ensures that the data extracted from the BKPF table will be incorporated into the final workflow output.

The branch of the workflow displays SAP table Technical Field Names as column headers in the output.




Dynamic selections can be passed into the SAP Table data tool to further filter the data extraction.

eg. Calculate "today" to create a simple delta process

The Filter tool controls which fields from table BKPF will be used to select data from table BSEG. In this workflow the following BKPF fields are used to select the required data from BSEG: BUKRS (Company Code), BELNR (Accounting Document Number) & GJAHR (Fiscal Year).

Take a look at the Parameters tab of the Filter tool.

The outputs from the Filter tool are passed to the next table tool which handles the extract of data from table BSEG.

After execution of the macro, the data from table BSEG is returned to the worklow and passed to the Join tool where the output from table BKPF and table BSEG are joined.

The join is created on common fields: BUKRS (Company Code), BELNR (Accounting Document Number) & GJAHR (Fiscal Year).

The branch of the workflow enables the display of than Technical Names as column h

**To learn more about this workflow and the DVW ACS for Alteryx Designer tools, visit us at www.dvwanalytics.com**

Results - SAP Table Data (2) - Output

21 of 21 Fields | Cell Viewer | 200 records displayed | Search | Data | Metadata | Actions

| Record | BUKRS | BELNR | GJAHR | BLART | BLDAT | BUDAT | MONAT | CPUDT | CPUTM | AEDAT | USNAM | TCODE | XBLNR | BKTXT | WAERS | BSTAT | GLVOR | GRPID | AWTYP | AWKEY | PPN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0001 | 0100000569 | 2019 | KR | 20190726 | 20190726 | 07 | 20190726 | 181008 | 20190727 | 1DAYDEMO | FB60 | TRAINING | [Null] | EUR | [Null] | RFBU | [Null] | BKPF | 0100000569000012019 | [Null] |
| 2 | 0001 | 0100000570 | 2019 | KR | 20190727 | 20190727 | 07 | 20190727 | 154639 | 20190730 | SAPUSER | FB60 | TEST2 | [Null] | EUR | [Null] | RFBU | [Null] | BKPF | 0100000570000012019 | [Null] |
| | | | | | | | | | | | | | | [Null] | EUR | [Null] | RFBU | [Null] | BKPF | 0100000571000012019 | [Null] |
| | | | | | | | | | | | | | | [Null] | EUR | [Null] | RFBU | [Null] | BKPF | 0100000572000012019 | [Null] |
| | | | | | | | | | | | | | | [Null] | EUR | [Null] | RFBU | [Null] | BKPF | 0100000573000012019 | [Null] |
| | | | | | | | | | | | | | | [Null] | EUR | [Null] | RFBU | [Null] | BKPF | 0100000574000012019 | [Null] |
| | | | | | | | | | | | | | | [Null] | EUR | [Null] | RFBU | [Null] | BKPF | 0100000575000012019 | [Null] |
| | | | | | | | | | | | | | | [Null] | EUR | [Null] | RFBU | [Null] | BKPF | 0100000576000012019 | [Null] |
| | | | | | | | | | | | | | | [Null] | EUR | [Null] | RFBU | [Null] | BKPF | 0100000577000012019 | [Null] |
| | | | | | | | | | | | | | | [Null] | EUR | [Null] | RFBU | [Null] | BKPF | 0100000578000012019 | [Null] |
| 11 | 0001 | 0100000579 | 2019 | KR | 20190727 | 20190727 | 07 | 20190727 | 172659 | 00000000 | SAPUSER | FBVB | [Null] | [Null] | EUR | [Null] | RFBU | [Null] | BKPF | 0100000579000012019 | SAPU |

**SAMPLE WORKFLOW USING SAP TABLE DATA TOOL TO EXTRACT TABLE DATA**

# WORKING WITH SAP T-CODES IN ALTERYX

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# SAP T-CODE CAPABILITIES

## CONSUME BUSINESS LOGIC DIRECTLY WITHIN ALTERYX

### SAP T-Code / ABAP Report Read

- Execute SAP Transactions (T-Codes) and Reports from within Alteryx:
  - Works with standard and bespoke SAP Transactions and ABAP Reports
  - Works with Transaction and Report Variants
  - Preview data before executing the workflow
  - Define Filters or use Variants to control the extract output
  - Select Fields to be included in the extract
  - Use "Splits" function to optimize extract of large data volumes
  - The SAP Report tool requires installation of a DVW Function Module on SAP

### SAP Spool Read

- Extract data from SAP Transaction (T-Codes) and Reports that write to the SAP Spool:
  - Works with standard and bespoke SAP Transactions and ABAP Reports that provide the ability to “Execute and Print” and “Execute in Background”
  - Access SAP Spool Jobs linked to user’s SAP User Name

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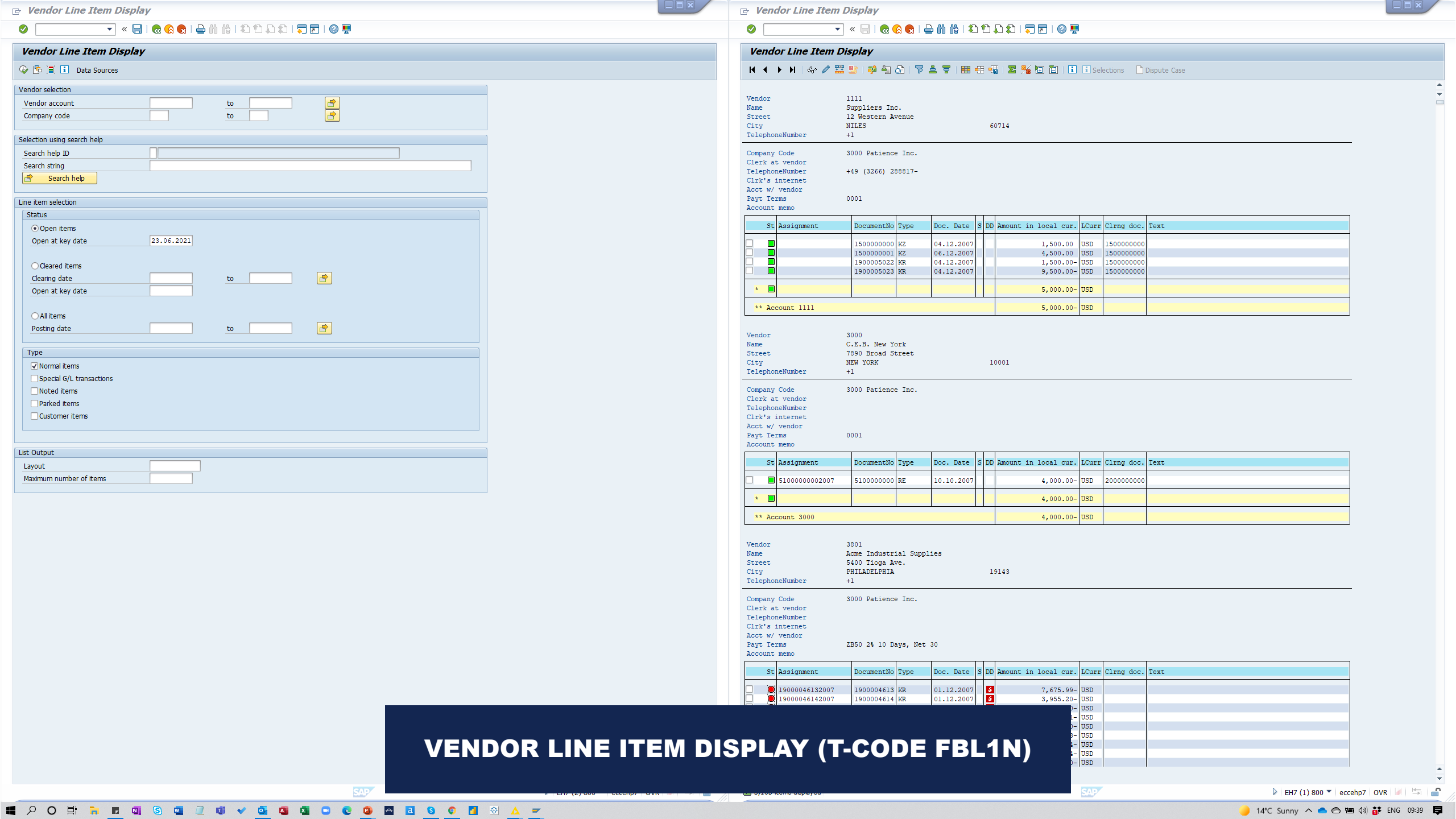
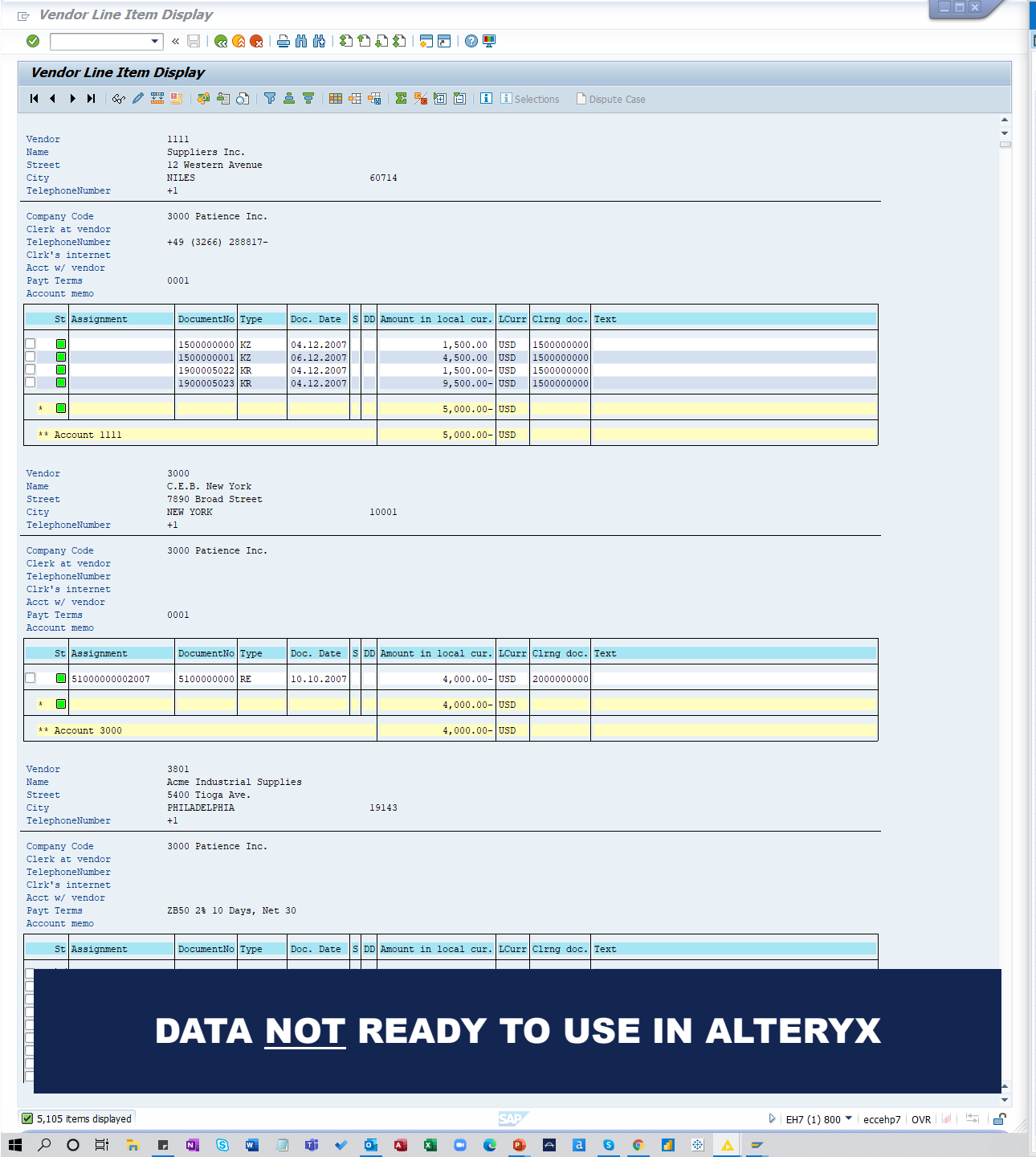
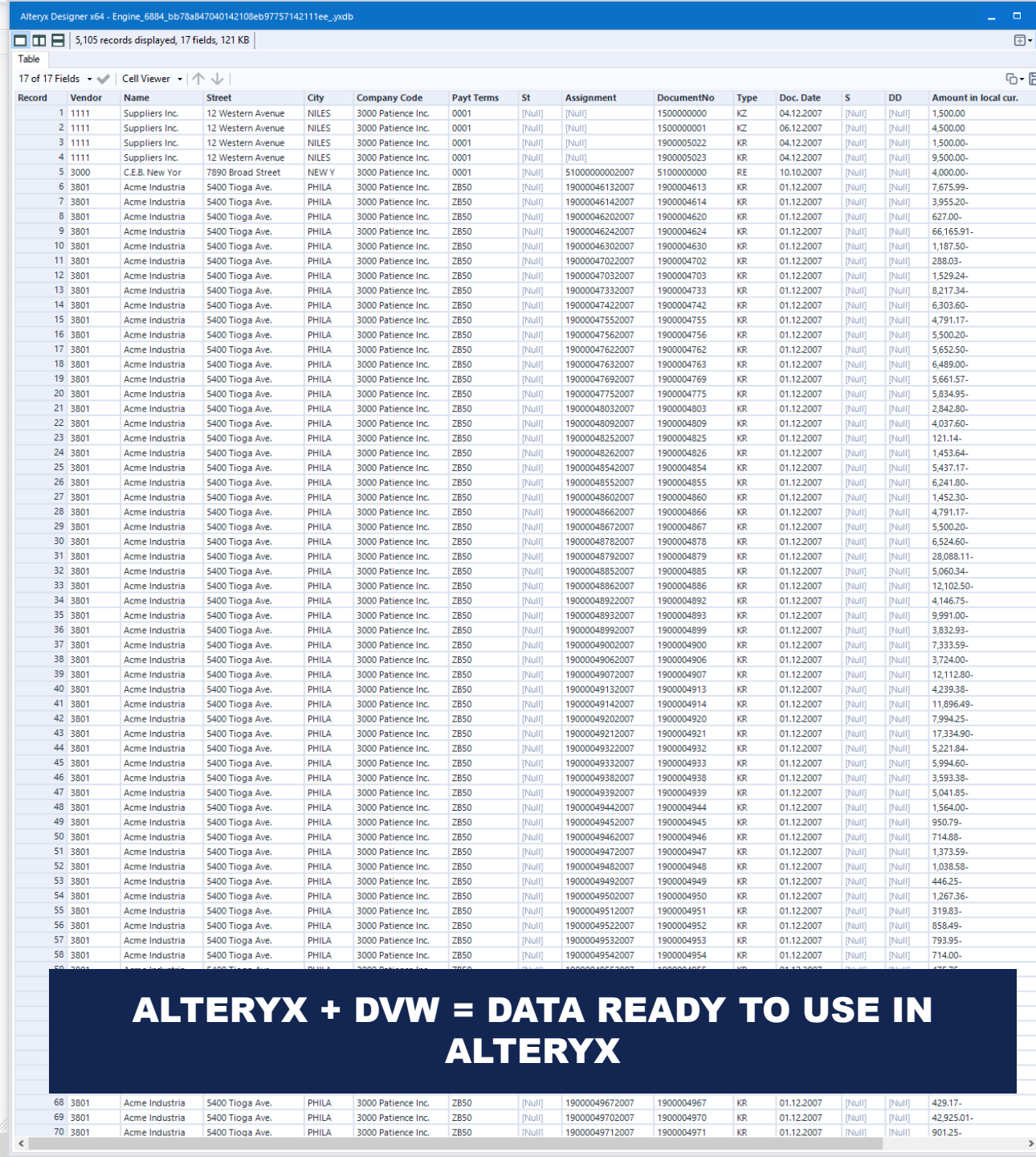



# VENDOR LINE ITEM DISPLAY (T-CODE FBL1N)


Vendor Line Item Display
Vendor Line Item Display
Selections
Dispute Case
Vendor 1111
Name Suppliers Inc.
Street 12 Western Avenue
City NILES 60714
TelephoneNumber +1
Company Code 3000 Patience Inc.
Clerk at vendor
TelephoneNumber +49 (3266) 288817-
Clrk's internet
Acct w/ vendor
Payt Terms 0001
Account memo
St Assignment DocumentNo Type Doc. Date S DD Amount in local cur. LCurr Clrng doc. Text
1500000000 KZ 04.12.2007 1,500.00 USD 1500000000
1500000001 KZ 06.12.2007 4,500.00 USD 1500000000
1900005022 KR 04.12.2007 1,500.00- USD 1500000000
1900005023 KR 04.12.2007 9,500.00- USD 1500000000
* 5,000.00- USD
** Account 1111 5,000.00- USD
Vendor 3000
Name C.E.B. New York
Street 7890 Broad Street
City NEW YORK 10001
TelephoneNumber +1
Company Code 3000 Patience Inc.
Clerk at vendor
TelephoneNumber
Clrk's internet
Acct w/ vendor
Payt Terms 0001
Account memo
St Assignment DocumentNo Type Doc. Date S DD Amount in local cur. LCurr Clrng doc. Text
51000000002007 5100000000 RE 10.10.2007 4,000.00- USD 2000000000
* 4,000.00- USD
** Account 3000 4,000.00- USD
Vendor 3801
Name Acme Industrial Supplies
Street 5400 Tioga Ave.
City PHILADELPHIA 19143
TelephoneNumber +1
Company Code 3000 Patience Inc.
Clerk at vendor
TelephoneNumber
Clrk's internet
Acct w/ vendor
Payt Terms ZB50 2% 10 Days, Net 30
Account memo
St Assignment DocumentNo Type Doc. Date S DD Amount in local cur. LCurr Clrng doc. Text
DATA NOT READY TO USE IN ALTERYX
5,105 items displayed
EH7 (1) 800 eccehp7 OVR


Alteryx Designer x64 - Engine_6884_bb78a847040142108eb97757142111ee_yxdb
5,105 records displayed, 17 fields, 121 KB
Table
17 of 17 Fields
Cell Viewer
Record Vendor Name Street City Company Code Payt Terms St Assignment DocumentNo Type Doc. Date S DD Amount in local cur.
1 1111 Suppliers Inc. 12 Western Avenue NILES 3000 Patience Inc. 0001 [Null] [Null] 1500000000 KZ 04.12.2007 [Null] [Null] 1,500.00
2 1111 Suppliers Inc. 12 Western Avenue NILES 3000 Patience Inc. 0001 [Null] [Null] 1500000001 KZ 06.12.2007 [Null] [Null] 4,500.00
3 1111 Suppliers Inc. 12 Western Avenue NILES 3000 Patience Inc. 0001 [Null] [Null] 1900005022 KR 04.12.2007 [Null] [Null] 1,500.00-
4 1111 Suppliers Inc. 12 Western Avenue NILES 3000 Patience Inc. 0001 [Null] [Null] 1900005023 KR 04.12.2007 [Null] [Null] 9,500.00-
5 3000 C.E.B. New Yor 7890 Broad Street NEW Y 3000 Patience Inc. 0001 [Null] 51000000002007 5100000000 RE 10.10.2007 [Null] [Null] 4,000.00-
6 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000046132007 1900004613 KR 01.12.2007 [Null] [Null] 7,675.99-
7 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000046142007 1900004614 KR 01.12.2007 [Null] [Null] 3,955.20-
8 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000046202007 1900004620 KR 01.12.2007 [Null] [Null] 627.00-
9 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000046242007 1900004624 KR 01.12.2007 [Null] [Null] 66,165.91-
10 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000046302007 1900004630 KR 01.12.2007 [Null] [Null] 1,187.50-
11 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000047022007 1900004702 KR 01.12.2007 [Null] [Null] 288.03-
12 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000047032007 1900004703 KR 01.12.2007 [Null] [Null] 1,529.24-
13 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000047332007 1900004733 KR 01.12.2007 [Null] [Null] 8,217.34-
14 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000047422007 1900004742 KR 01.12.2007 [Null] [Null] 6,303.60-
15 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000047552007 1900004755 KR 01.12.2007 [Null] [Null] 4,791.17-
16 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000047562007 1900004756 KR 01.12.2007 [Null] [Null] 5,500.20-
17 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000047622007 1900004762 KR 01.12.2007 [Null] [Null] 5,652.50-
18 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000047632007 1900004763 KR 01.12.2007 [Null] [Null] 6,489.00-
19 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000047692007 1900004769 KR 01.12.2007 [Null] [Null] 5,661.57-
20 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000047752007 1900004775 KR 01.12.2007 [Null] [Null] 5,834.95-
21 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000048032007 1900004803 KR 01.12.2007 [Null] [Null] 2,842.80-
22 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000048092007 1900004809 KR 01.12.2007 [Null] [Null] 4,037.60-
23 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000048252007 1900004825 KR 01.12.2007 [Null] [Null] 121.14-
24 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000048262007 1900004826 KR 01.12.2007 [Null] [Null] 1,453.64-
25 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000048542007 1900004854 KR 01.12.2007 [Null] [Null] 5,437.17-
26 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000048552007 1900004855 KR 01.12.2007 [Null] [Null] 6,241.80-
27 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000048602007 1900004860 KR 01.12.2007 [Null] [Null] 1,452.30-
28 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000048662007 1900004866 KR 01.12.2007 [Null] [Null] 4,791.17-
29 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000048672007 1900004867 KR 01.12.2007 [Null] [Null] 5,500.20-
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31 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000048792007 1900004879 KR 01.12.2007 [Null] [Null] 28,088.11-
32 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000048852007 1900004885 KR 01.12.2007 [Null] [Null] 5,060.34-
33 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000048862007 1900004886 KR 01.12.2007 [Null] [Null] 12,102.50-
34 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000048922007 1900004892 KR 01.12.2007 [Null] [Null] 4,146.75-
35 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000048932007 1900004893 KR 01.12.2007 [Null] [Null] 9,991.00-
36 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000048992007 1900004899 KR 01.12.2007 [Null] [Null] 3,832.93-
37 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049002007 1900004900 KR 01.12.2007 [Null] [Null] 7,333.59-
38 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049062007 1900004906 KR 01.12.2007 [Null] [Null] 3,724.00-
39 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049072007 1900004907 KR 01.12.2007 [Null] [Null] 12,112.80-
40 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049132007 1900004913 KR 01.12.2007 [Null] [Null] 4,239.38-
41 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049142007 1900004914 KR 01.12.2007 [Null] [Null] 11,896.49-
42 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049202007 1900004920 KR 01.12.2007 [Null] [Null] 7,994.25-
43 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049212007 1900004921 KR 01.12.2007 [Null] [Null] 17,334.90-
44 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049322007 1900004932 KR 01.12.2007 [Null] [Null] 5,221.84-
45 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049332007 1900004933 KR 01.12.2007 [Null] [Null] 5,994.60-
46 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049382007 1900004938 KR 01.12.2007 [Null] [Null] 3,593.38-
47 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049392007 1900004939 KR 01.12.2007 [Null] [Null] 5,041.85-
48 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049442007 1900004944 KR 01.12.2007 [Null] [Null] 1,564.00-
49 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049452007 1900004945 KR 01.12.2007 [Null] [Null] 950.79-
50 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049462007 1900004946 KR 01.12.2007 [Null] [Null] 714.88-
51 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049472007 1900004947 KR 01.12.2007 [Null] [Null] 1,373.59-
52 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049482007 1900004948 KR 01.12.2007 [Null] [Null] 1,038.58-
53 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049492007 1900004949 KR 01.12.2007 [Null] [Null] 446.25-
54 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049502007 1900004950 KR 01.12.2007 [Null] [Null] 1,267.36-
55 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049512007 1900004951 KR 01.12.2007 [Null] [Null] 319.83-
56 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049522007 1900004952 KR 01.12.2007 [Null] [Null] 858.49-
57 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049532007 1900004953 KR 01.12.2007 [Null] [Null] 793.95-
58 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049542007 1900004954 KR 01.12.2007 [Null] [Null] 714.00-
ALTERYX + DVW = DATA READY TO USE IN ALTERYX
68 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049672007 1900004967 KR 01.12.2007 [Null] [Null] 429.17-
69 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049702007 1900004970 KR 01.12.2007 [Null] [Null] 42,925.01-
70 3801 Acme Industria 5400 Tioga Ave. PHILA 3000 Patience Inc. ZB50 [Null] 19000049712007 1900004971 KR 01.12.2007 [Null] [Null] 901.25-

Alteryx Designer x64 - New Workflow1*

File Edit View Options Help

Search for tools, help, and resources

Favorites | SAP Read Tools | SAP Write Tools | SAP Connect | SAP CX | SAP SF | SAP BusinessObjects | SAP IBP | SAP RPA | In/Out | Preparation | Join | Parse | Transform | In-Database | Reporting | Documentation | Spatial | Machine Learning | Text Mining | Interface | Data Investigation | Predictive | Connectors | Address | Demo

ACS BAPI Parse Tool | ACS Filter Tool | ACS Reconciliati... | SAP Archive Tool | SAP BAPI Read | SAP BW Read | SAP ByD Read | SAP Document ... | SAP Document ... | SAP Document ... | SAP Document ... | SAP Document ... | SAP Logon | SAP oData Read | SAP ODP Tool | SAP Query Tool | SAP Report Tool | SAP Spool Read | SAP Table (Enhanced) ... | SAP Table Data | SAP Table Data [X] | SAP Text Read

SAP Report Tool (2) - Configuration

Basic | Parameters | Dynamic Input | Messages | Help

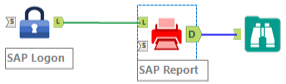
Parameters | Header Fields

| Row Tag | Field Name | Start | Length |
|---|---|---|---|
| Vendor | Vendor | 26 | 4 |
| Name | Name | 26 | 14 |
| Street | Street | 26 | 17 |
| City | City | 26 | 5 |
| TelephoneNumber | #IGNORE# | 1 | 15 |
| --------- | #IGNORE# | 1 | 10 |

Filters | Fields | Sample Data

| Pos | Name | Description | Type | Len | Sel |
|---|---|---|---|---|---|
| 000 | Vendor | Vendor | String | 4 | ☑ |
| 001 | Name | Name | String | 14 | ☑ |
| 002 | Street | Street | String | 17 | ☑ |
| 003 | City | City | String | 5 | ☑ |
| 004 | Company Code | Company Code | String | 4 | ☑ |
| 005 | Payt Terms | Payt Terms | String | 4 | ☑ |
| 006 | St | St | String | 7 | ☑ |
| 007 | Assignment | Assignment | String | 18 | ☑ |
| 008 | DocumentNo | DocumentNo | String | 10 | ☑ |
| 009 | Type | Type | String | 8 | ☑ |
| 010 | Doc. Date | Doc. Date | String | 10 | ☑ |
| 011 | S | S | String | 1 | ☑ |
| 012 | DD | DD | String | 2 | ☑ |
| 013 | Amount in local cur. | Amount in local cur. | String | 20 | ☑ |
| 014 | LCurr | LCurr | String | 5 | ☑ |
| 015 | Clrng doc. | Clrng doc. | String | 10 | ☑ |
| 016 | Text | Text | String | 50 | ☑ |

Start Here.yxmd | New Workflow1* | Run




Results - SAP Report Tool (2) - Output

17 of 17 Fields | Cell Viewer | * 3,252 of 5,105 records displayed(partial results) | Search | Data | Metadata | Actions

| Record | Vendor | Name | Street | City | Company Code | Payt Terms | St | Assignment | DocumentNo | Type | Doc. Date | S | DD | Amount in local cur. | LCurr | Clrng doc. | Text |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1111 | Suppliers Inc. | 12 Western Avenue | NILES | 3000 Patience Inc. | 0001 | [Null] | [Null] | 1500000000 | KZ | 04.12.2007 | [Null] | [Null] | 1,500.00 | USD | 1500000000 | [Null] |
| 2 | 1111 | Suppliers Inc. | 12 Western Avenue | NILES | 3000 Patience Inc. | 0001 | [Null] | [Null] | 1500000001 | KZ | 06.12.2007 | [Null] | [Null] | 4,500.00 | USD | 1500000000 | [Null] |
| 3 | 1111 | Suppliers Inc. | 12 Western Avenue | NILES | 3000 Patience Inc. | 0001 | [Null] | [Null] | 1900005022 | KR | 04.12.2007 | [Null] | [Null] | 1,500.00- | USD | 1500000000 | [Null] |
| 4 | 1111 | Suppliers Inc. | 12 Western Avenue | NILES | 3000 Patience Inc. | 0001 | [Null] | [Null] | 1900005023 | KR | 04.12.2007 | [Null] | [Null] | 9,500.00- | USD | 1500000000 | [Null] |
| 5 | 3000 | C.E.B. New Yor | 7890 Broad Street | NEW Y | 3000 Patience Inc. | 0001 | [Null] | 51000000002007 | 5100000000 | RE | 10.10.2007 | [Null] | [Null] | 4,000.00- | USD | 2000000000 | [Null] |
| 6 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000046132007 | 1900004613 | KR | 01.12.2007 | [Null] | [Null] | 7,675.99- | USD | [Null] | [Null] |
| 7 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000046142007 | 1900004614 | KR | 01.12.2007 | [Null] | [Null] | 3,955.20- | USD | [Null] | [Null] |
| 8 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000046202007 | 1900004620 | KR | 01.12.2007 | [Null] | [Null] | 627.00- | USD | [Null] | [Null] |
| 9 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000046242007 | 1900004624 | KR | 01.12.2007 | [Null] | [Null] | 66,165.91- | USD | [Null] | [Null] |
| 10 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000046302007 | 1900004630 | KR | 01.12.2007 | [Null] | [Null] | 1,187.50- | USD | [Null] | [Null] |
| 11 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000047022007 | 1900004702 | KR | 01.12.2007 | [Null] | [Null] | 288.03- | USD | [Null] | [Null] |
| 12 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000047032007 | 1900004703 | KR | 01.12.2007 | [Null] | [Null] | 1,529.24- | USD | [Null] | [Null] |
| 13 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000047332007 | 1900004733 | KR | 01.12.2007 | [Null] | [Null] | 8,217.34- | USD | [Null] | [Null] |
| 14 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000047422007 | 1900004742 | KR | 01.12.2007 | [Null] | [Null] | 6,303.60- | USD | [Null] | [Null] |
| 15 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000047552007 | 1900004755 | KR | 01.12.2007 | [Null] | [Null] | 4,791.17- | USD | [Null] | [Null] |
| 16 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000047562007 | 1900004756 | KR | 01.12.2007 | [Null] | [Null] | 5,500.20- | USD | [Null] | [Null] |
| 17 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000047622007 | 1900004762 | KR | 01.12.2007 | [Null] | [Null] | 5,652.50- | USD | [Null] | [Null] |
| 18 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000047632007 | 1900004763 | KR | 01.12.2007 | [Null] | [Null] | 6,489.00- | USD | [Null] | [Null] |
| 19 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000047692007 | 1900004769 | KR | 01.12.2007 | [Null] | [Null] | 5,661.57- | USD | [Null] | [Null] |
| 20 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000047752007 | 1900004775 | KR | 01.12.2007 | [Null] | [Null] | 5,834.95- | USD | [Null] | [Null] |
| 21 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000048032007 | 1900004803 | KR | 01.12.2007 | [Null] | [Null] | 2,842.80- | USD | [Null] | [Null] |
| 22 | 3801 | Acme Industria | 5400 Tioga Ave. | PHILA | 3000 Patience Inc. | ZB50 | [Null] | 19000048092007 | 1900004809 | KR | 01.12.2007 | [Null] | [Null] | 4,037.60- | USD | [Null] | [Null] |
| | | | | | | | | | | | 01.12.2007 | [Null] | [Null] | 121.14- | USD | [Null] | [Null] |
| | | | | | | | | | | | 01.12.2007 | [Null] | [Null] | 1,453.64- | USD | [Null] | [Null] |
| | | | | | | | | | | | 01.12.2007 | [Null] | [Null] | 5,437.17- | USD | [Null] | [Null] |
| | | | | | | | | | | | 01.12.2007 | [Null] | [Null] | 6,241.80- | USD | [Null] | [Null] |
| | | | | | | | | | | | 01.12.2007 | [Null] | [Null] | 1,452.30- | USD | [Null] | [Null] |
| | | | | | | | | | | | 01.12.2007 | [Null] | [Null] | 4,791.17- | USD | [Null] | [Null] |
| | | | | | | | | | | | 01.12.2007 | [Null] | [Null] | 5,500.20- | USD | [Null] | [Null] |
| | | | | | | | | | | | 01.12.2007 | [Null] | [Null] | 6,524.60- | USD | [Null] | [Null] |
| | | | | | | | | | | | 01.12.2007 | [Null] | [Null] | 28,088.11- | USD | [Null] | [Null] |

# SAMPLE WORKFLOW USING SAP REPORT TOOL TO EXTRACT T-CODE DATA

# RUNNING SAP BW QUERIES IN ALTERYX

DVW ANALYTICS

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alteryx SAP Partner

# SAP BW CAPABILITIES

## EXTRACTING FROM THE DATA WAREHOUSE

### SAP BW Read

- Execute any SAP BW Query or SAP BW Query View
- Execute SAP BW InfoProvider (including InfoCubes, MultiProviders, Composite Providers, InfoSets, DSO, ADSO, InfoObjects acting as InfoProviders, Calculation Views, Attribute Views, & Analytical Views)
- Execute SAP HANA Calculation Views, Attribute Views & Analytical Views
- Extract SAP BW Text for any SAP BW InfoObject
- Apply Filters
- Use "Splits" function to optimize extract of large data volumes

### SAP BW Hierarchy Read

- Extract balanced / unbalanced SAP BW Hierarchy data in an optimized flat tabular format

System Help

## Query

Initial list

PAGENO=1&CMD=PROCESS_VARIABLES&REQUEST_NO=0&CMD=PROCESS_VARIABLES&SUBCMD=VAR
%20%20%200004&VAR_LINES_3=1&VAR_ID_4=ZCAL_YR%20%20%20%20%20%20%20%20%2

Bookmark (Data) | Bookmark | Process

Messages:

Totals setting for characteristic Partner Country (Z_PARTER__ZCOUNTRY) overridden

BEx Ad Hoc Analysis

Data Analysis | Graphical display | Info | Information Broadcasting

Orders Overview Demo — Last Data Update: 20.08.2016 13:04:38

Save View | Bookmark | Variable Screen | Exceptions and Conditions | Comments | Export to Microsoft Excel | Export to CSV

**Rows**
- Cal. year / month
- Calendar year
- Partner Number
- Partner Region
- Product Name
- Sales Organisation
- Transaction Type

**Columns**
- Calendar day
- Partner Country
- Key Figures

**Free Characteristics**
- Billing Status
- Cal. year / quar
- Calendar month
- Distribution Channel
- Division
- Header Number
- Item Number
- Logical Variable
- Object Type
- Open Status
- PFT 1
- PFT 2
- PFT 3
- PFT 4
- PFT 5
- PFT 6
- PFT 7
- PFT 8
- Service Organisation

| Calendar year | Partner Country: DE Germany | Net Value | 23.04.2012 | 26.04.2012 | 13.06.2012 | 14.06.2012 | 18.06.2012 | 20.06.2012 | 14.08.2012 | 15.08.2012 |
|---|---|---|---|---|---|---|---|---|---|---|
| Overall Result | | £ 512.32 | £ 200.00 | 0.00 | £ 60.00 | £ 120.00 | £ 60.00 | £ 60.00 | 0.00 | £ 12.32 |
| 2012 | | £ 512.32 | £ 200.00 | 0.00 | £ 60.00 | £ 120.00 | £ 60.00 | £ 60.00 | 0.00 | £ 12.32 |
| WECO | | | | | | | | | | |
| O 50000005 | | | | | | | | | | |
| 04.2012 | | | | | | | | | | |
| 0000600018 | | | | | | | | | | |
| 0000600021 | | | | | | | | | | |
| 05.2012 | | | | | | | | | | |
| 0000600018 | | | | | | | | | | |
| 0000600030 | | | | | | | | | | |
| 0000600040 | | | | | | | | | | |
| 06.2012 | | | | | | | | | | |
| 0000600030 | | | | | | | | | | |
| 0000600051 | | | | | | | | | | |
| ZISC | | £ 312.32 | | | £ 60.00 | £ 120.00 | £ 60.00 | £ 60.00 | | £ 12.32 |
| O 50000005 | | £ 312.32 | | | £ 60.00 | £ 120.00 | £ 60.00 | £ 60.00 | | £ 12.32 |
| 04.2012 | | | | | | | | | | |
| 0000000001 | | | | | | | | | | |
| 0000000010 | | | | | | | | | | |
| 0000600000 | | | | | | | | | | |
| 0000600018 | | | | | | | | | | |
| 05.2012 | | | | | | | | | | |
| 0000000031 | | | | | | | | | | |
| 0000000041 | | | | | | | | | | |
| 0000000042 | | | | | | | | | | |

Row 1 / 67 — Column 1 / 404

**DATA NOT READY TO USE IN ALTERYX**

DCA (1) 100 | DVWdd302 | OVR

Browse (3) - Demo - SAP BW.yxmd

145 records displayed, 16 fields, 7,775 bytes

Table | Profile

16 of 16 Fields | Cell Viewer

| Record | 0CALDAY | 0CALMONTH | 0CALYEAR | Z_PARTER | Z_PARTER__ZCOUNTRY | Z_PARTER__ZCOUNTRY_TS | Z_PARTER__ZREGION | Z_PRTYPE | Z_SORG | ZPRODUCT | ZPRODUCT_TS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20120419 | 201204 | 2012 | 0000000001 | GB | Great Britain | SE | ZISC | O 50000005 | J&I | J&I |
| 2 | 20120419 | 201204 | 2012 | 0000000010 | GB | Great Britain | NE | ZISC | O 50000005 | J&I | J&I |
| 3 | 20120423 | 201204 | 2012 | 0000000009 | GB | Great Britain | SE | ZTSV | O 50000005 | ZCSSRV_01 | ShortZCSSRV_01 |
| 4 | 20120423 | 201204 | 2012 | 0000010001 | DE | Germany | NO | ZTSV | O 50000005 | ZCSSRV_01 | ShortZCSSRV_01 |
| 5 | 20120425 | 201204 | 2012 | 0000600018 | ES | Spain | OS | WECO | O 50000005 | 20092-01 | Short20092-01 |
| 6 | 20120425 | 201204 | 2012 | 0000600018 | ES | Spain | OS | WECO | O 50000005 | J&I | J&I |
| 7 | 20120426 | 201204 | 2012 | 0000600021 | ES | Spain | OS | WECO | O 50000005 | 20092-01 | Short20092-01 |
| 8 | 20120430 | 201204 | 2012 | 0000600000 | ES | Spain | OS | ZISC | O 50000005 | 10513-01 | Short10513-01 |
| 9 | 20120430 | 201204 | 2012 | 0000600018 | ES | Spain | OS | WECO | O 50000005 | 10513-01 | Short10513-01 |
| 10 | 20120430 | 201204 | 2012 | 0000600018 | ES | Spain | OS | WECO | O 50000005 | J&I | J&I |
| 11 | 20120430 | 201204 | 2012 | 0000600018 | ES | Spain | OS | ZISC | O 50000005 | 10513-01 | Short10513-01 |
| 12 | 20120501 | 201205 | 2012 | 0000600018 | ES | Spain | OS | WECO | O 50000005 | J&I | J&I |
| 13 | 20120503 | 201205 | 2012 | 0000600018 | ES | Spain | OS | WECO | O 50000005 | 20092-01 | Short20092-01 |
| 14 | 20120514 | 201205 | 2012 | 0000600030 | ES | Spain | OS | WECO | O 50000005 | 20092-01 | Short20092-01 |
| 15 | 20120515 | 201205 | 2012 | 0000000031 | GB | Great Britain | NW | ZTSV | O 50000005 | SERVICE_MACHINE | ShortSERVICE_MA |
| 16 | 20120515 | 201205 | 2012 | 0000600030 | ES | Spain | OS | ZTSV | O 50000005 | SERVICE_MACHINE | ShortSERVICE_MA |
| 17 | 20120515 | 201205 | 2012 | DHEUGHAN | ES | Spain | WE | ZTSV | O 50000005 | SERVICE_MACHINE | ShortSERVICE_MA |
| 18 | 20120518 | 201205 | 2012 | 0000600030 | ES | Spain | OS | WECO | O 50000005 | J&I | J&I |
| 19 | 20120521 | 201205 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 20499-01 | Short20499-01 |
| 20 | 20120521 | 201205 | 2012 | 0000600030 | ES | Spain | OS | ZISC | O 50000005 | 20499-01 | Short20499-01 |
| 21 | 20120524 | 201205 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 10513-01 | Short10513-01 |
| 22 | 20120524 | 201205 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 20092-01 | Short20092-01 |
| 23 | 20120524 | 201205 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 904246-21 | Short904246-21 |
| 24 | 20120524 | 201205 | 2012 | 0000000041 | GB | Great Britain | NW | ZISC | O 50000005 | 10513-01 | Short10513-01 |
| 25 | 20120524 | 201205 | 2012 | 0000000041 | GB | Great Britain | NW | ZISC | O 50000005 | 20092-01 | Short20092-01 |
| 26 | 20120524 | 201205 | 2012 | 0000000041 | GB | Great Britain | NW | ZISC | O 50000005 | 904246-21 | Short904246-21 |
| 27 | 20120524 | 201205 | 2012 | 0000000042 | GB | Great Britain | NW | ZISC | O 50000005 | 20092-01 | Short20092-01 |
| 28 | 20120524 | 201205 | 2012 | 0000600030 | ES | Spain | OS | ZISC | O 50000005 | 10513-01 | Short10513-01 |
| 29 | 20120524 | 201205 | 2012 | 0000600030 | ES | Spain | OS | ZISC | O 50000005 | 20092-01 | Short20092-01 |
| 30 | 20120528 | 201205 | 2012 | 0000600040 | ES | Spain | OS | WECO | O 50000005 | J&I | J&I |
| 31 | 20120529 | 201205 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 10513-01 | Short10513-01 |
| 32 | 20120529 | 201205 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 20092-01 | Short20092-01 |
| 33 | 20120529 | 201205 | 2012 | 0000600018 | ES | Spain | OS | WECO | O 50000005 | 20092-01 | Short20092-01 |
| 34 | 20120529 | 201205 | 2012 | 0000600018 | ES | Spain | OS | WECO | O 50000005 | J&I | J&I |
| 35 | 20120529 | 201205 | 2012 | 0000600030 | ES | Spain | OS | WECO | O 50000005 | 10513-01 | Short10513-01 |
| 36 | 20120529 | 201205 | 2012 | 0000600030 | ES | Spain | OS | WECO | O 50000005 | 20092-01 | Short20092-01 |
| 37 | 20120529 | 201205 | 2012 | 0000600030 | ES | Spain | OS | WECO | O 50000005 | J&I | J&I |
| 38 | 20120529 | 201205 | 2012 | 0000600030 | ES | Spain | OS | ZISC | O 50000005 | 10513-01 | Short10513-01 |
| 39 | 20120529 | 201205 | 2012 | 0000600030 | ES | Spain | OS | ZISC | O 50000005 | 20092-01 | Short20092-01 |
| 40 | 20120530 | 201205 | 2012 | 0000600018 | ES | Spain | OS | WECO | O 50000005 | J&I | J&I |
| 41 | 20120531 | 201205 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 20092-01 | Short20092-01 |
| 42 | 20120531 | 201205 | 2012 | 0000600030 | ES | Spain | OS | ZISC | O 50000005 | 20092-01 | Short20092-01 |
| 43 | 20120611 | 201206 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 20499-01 | Short20499-01 |
| 44 | 20120611 | 201206 | 2012 | 0000000056 | GB | Great Britain | NW | ZISC | O 50000005 | 20499-01 | Short20499-01 |
| 45 | 20120611 | 201206 | 2012 | 0000600030 | ES | Spain | OS | WECO | O 50000005 | 20092-02 | Short20092-02 |
| 46 | 20120611 | 201206 | 2012 | 0000600030 | ES | Spain | OS | WECO | O 50000005 | 921001-01 | Short921001-01 |
| 47 | 20120612 | 201206 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 904246-21 | Short904246-21 |
| 48 | 20120612 | 201206 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 908887-02 | Short908887-02 |
| 49 | 20120612 | 201206 | 2012 | 0000000054 | GB | Great Britain | NW | ZISC | O 50000005 | 908887-02 | Short908887-02 |
| 50 | 20120612 | 201206 | 2012 | 0000000058 | GB | Great Britain | NW | ZISC | O 50000005 | 908887-02 | Short908887-02 |
| 51 | 20120612 | 201206 | 2012 | 0000600030 | ES | Spain | OS | WECO | O 50000005 | 20092-02 | Short20092-02 |
| 52 | 20120612 | 201206 | 2012 | 0000600030 | ES | Spain | OS | WECO | O 50000005 | 921001-01 | Short921001-01 |
| 53 | 20120612 | 201206 | 2012 | 0000600030 | ES | Spain | OS | ZISC | O 50000005 | 904246-21 | Short904246-21 |
| 54 | 20120613 | 201206 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 908887-02 | Short908887-02 |
| 55 | 20120613 | 201206 | 2012 | 0000000059 | DE | Germany | SU | ZISC | O 50000005 | 908887-02 | Short908887-02 |
| 56 | 20120614 | 201206 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 908887-02 | Short908887-02 |
| 57 | 20120614 | 201206 | 2012 | 0000000060 | DE | Germany | SU | ZISC | O 50000005 | 908887-02 | Short908887-02 |
| 58 | 20120614 | 201206 | 2012 | 0000000062 | DE | Germany | SU | ZISC | O 50000005 | 908887-02 | Short908887-02 |
| 68 | 20120625 | 201206 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 20092-02 | Short20092-02 |
| 69 | 20120625 | 201206 | 2012 | 0000600030 | ES | Spain | OS | ZISC | O 50000005 | 20092-02 | Short20092-02 |
| 70 | 20120627 | 201206 | 2012 | 0000600030 | ES | Spain | OS | WECO | O 50000005 | 20092-02 | Short20092-02 |

**ALTERYX + DVW = DATA READY TO USE IN ALTERYX**

Alteryx Designer x64 - Demo - SAP BW.yxmd

File Edit View Options Help

Search for tools, help, and resources

Favorites | SAP Read Tools | SAP Write Tools | SAP Connect | SAP CX | SAP SF | SAP BusinessObjects | SAP IBP | SAP RPA | In/Out | Preparation | Join | Parse | Transform | In-Database | Reporting | Documentation | Spatial | Machine Learning | Text Mining | Interface | Data Investigation | Predictive | Connectors | Address | Demo

ACS BAPI Parse Tool | ACS Filter Tool | ACS Reconciliati... | SAP Archive Tool | SAP BAPI Read | SAP BW Read | SAP ByD Read | SAP Document ... | SAP Document ... | SAP Document ... | SAP Document ... | SAP Document ... | SAP Logon | SAP oData Read | SAP ODP Tool | SAP Query Tool | SAP Report Tool | SAP Spool Read | SAP Table (Enhanced) ... | SAP Table Data | SAP Table Data [X] | SAP Text Read

SAP BW Read (2) - Configuration

Basic | Parameters | Dynamic Input | Messages | Help

Selection | Currency | Conditions | Output | Text | Hierarchy | Change

Name: Z_ORDER_OVERVIEW_DEMO  Type: QU  Default Filters?

Description: Orders Overview Demo  Search  Refresh

Selection | Filters and Variables

Characteristics: 9  Search  Highlight

- Available Fields
  - Characteristics [_char]
    - Calendar day [0CALDAY]
    - Cal. year / month [0CALMONTH]
    - Calendar month [0CALMONTH2]
    - Cal. year / quar [0CALQUARTER]
    - Calendar year [0CALYEAR]
    - Header Number [Z_HDR]
    - Item Number [Z_ITEM]
    - Object Type [Z_OBTYPE]
    - Partner Number [Z_PARTER]
    - Partner Country [Z_PARTER__ZCOUNTRY]
      - Texts [texts]
        - Short Text [text_short]
      - Attributes [attributes]
      - Hierarchies [hierarchies]
    - Partner Region [Z_PARTER__ZREGION]
    - PFT 1 [Z_PFT1]
    - PFT 2 [Z_PFT2]
    - PFT 3 [Z_PFT3]
    - PFT 4 [Z_PFT4]
    - PFT 5 [Z_PFT5]
    - PFT 6 [Z_PFT6]
    - PFT 7 [Z_PFT7]
    - PFT 8 [Z_PFT8]
    - Transaction Type [Z_PRTYPE]
    - Sales Organisation [Z_SORG]
    - Distribution Channel [ZDISTCHAN]
    - Division [ZDIV]
    - Logical Variable [ZLOG_VAR]
    - Product Name [ZPRODUCT]
      - Texts [texts]
      - Hierarchies [hierarchies]
        - Product PPCS [COPY_OF_PPCS TEST HIERARCHY]
        - Product PPCS [COPY_OF_UNBALANCED HIERARCHY01]
        - Product PPCS [PPCS TEST HIERARCHY]
        - Product PPCS [UNBALANCED HIERARCHY]
        - Test for BICS [ZPRODUCTTESTBICS]
    - Service Organisation [ZSERVORG]
    - Billing Status [ZST_BILL]
    - Open Status [ZST_OPEN]
  - Key Figures [003N81T1IDQ3CKUDNDUCEPXQE]
    - Net Value [003N81T1IDQ3CKUDNDUCEQADI]
    - Net Value1 [003N81T1IDQ3CKUDNDUCEQGP2]
    - Net Value&FR_YEAR& [003N81T1IDQ3CKUDNDUCEQN0M]
    - Calculation [003N81T1IDQ3CKUDNDUCEQTC6]

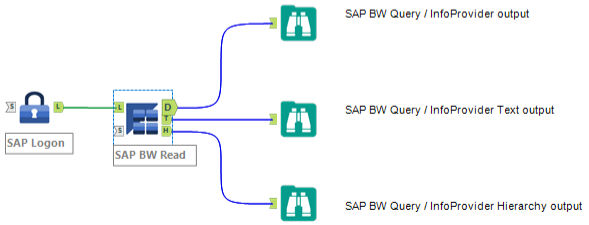
Show selected items only?  Sort?

Start Here.yxmd | New Workflow1* | SAP General Ledger - Extract G_L Accounting Data (Table Extract).yxmd* | Extract General Ledger Accounting Data from SAP ECC and SAP S4HANA DVW Callee.yxmc | Demo - SAP BW.yxmd

Run

DVW ANALYTICS

## SAP BW Sample




Results - SAP BW Read (2) - Out - Output

16 of 16 Fields | Cell Viewer | 145 records displayed | Search | Data | Metadata | Actions

| Record | 0CALDAY | 0CALMONTH | 0CALYEAR | Z_PARTER | Z_PARTER__ZCOUNTRY | Z_PARTER__ZCOUNTRY_TS | Z_PARTER__ZREGION | Z_PRTYPE | Z_SORG | ZPRODUCT | ZPRODUCT_TS | Net Value | Net Value1 | Net Value F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20120419 | 201204 | 2012 | 0000000001 | GB | Great Britain | SE | ZISC | O 50000005 | J&I | J&I | 2080 | 2454.4 | 2080 |
| 2 | 20120419 | 201204 | 2012 | 0000000010 | GB | Great Britain | NE | ZISC | O 50000005 | J&I | J&I | 2080 | 2454.4 | 2080 |
| 3 | 20120423 | 201204 | 2012 | 0000000009 | GB | Great Britain | SE | ZTSV | O 50000005 | ZCSSRV_01 | ShortZCSSRV_01 | 200 | 236 | 200 |
| 4 | 20120423 | 201204 | 2012 | 0000010001 | DE | Germany | NO | ZTSV | O 50000005 | ZCSSRV_01 | ShortZCSSRV_01 | 200 | 236 | 200 |
| 5 | 20120425 | 201204 | 2012 | 0000600018 | ES | Spain | OS | WECO | O 50000005 | 20092-01 | Short20092-01 | 2119.96 | 2501.552 | 2119.96 |
| 6 | 20120425 | 201204 | 2012 | 0000600018 | ES | Spain | OS | WECO | O 50000005 | J&I | J&I | 2119.96 | 2501.552 | 2119.96 |
| 7 | 20120426 | 201204 | 2012 | 0000600021 | ES | Spain | OS | WECO | O 50000005 | 20092-01 | Short20092-01 | 1079.96 | 1274.352 | 1079.96 |
| 8 | 20120430 | 201204 | 2012 | 0000600000 | ES | Spain | OS | ZISC | O 50000005 | 10513-01 | Short10513-01 | 200 | 236 | 200 |
| 9 | 20120430 | 201204 | 2012 | 0000600018 | ES | Spain | OS | WECO | O 50000005 | 10513-01 | Short10513-01 | 400 | 472 | 400 |
| 10 | 20120430 | 201204 | 2012 | 0000600018 | ES | Spain | OS | WECO | O 50000005 | J&I | J&I | 1040 | 1227.2 | 1040 |
| 11 | 20120430 | 201204 | 2012 | 0000600018 | ES | Spain | OS | ZISC | O 50000005 | 10513-01 | Short10513-01 | 200 | 236 | 200 |
| 12 | 20120501 | 201205 | 2012 | 0000600018 | ES | Spain | OS | WECO | O 50000005 | J&I | J&I | 1040 | 1227.2 | 1040 |
| 13 | 20120503 | 201205 | 2012 | 0000600018 | ES | Spain | OS | WECO | O 50000005 | 20092-01 | Short20092-01 | 1079.96 | 1274.352 | 1079.96 |
| 14 | 20120514 | 201205 | 2012 | 0000600030 | ES | Spain | OS | WECO | O 50000005 | 20092-01 | Short20092-01 | 1079.96 | 1274.352 | 1079.96 |
| 15 | 20120515 | 201205 | 2012 | 0000000031 | GB | Great Britain | NW | ZTSV | O 50000005 | SERVICE_MACHINE | ShortSERVICE_MACHINE | 300 | 354 | 300 |
| 16 | 20120515 | 201205 | 2012 | 0000600030 | ES | Spain | OS | ZTSV | O 50000005 | SERVICE_MACHINE | ShortSERVICE_MACHINE | 900 | 1062 | 900 |
| 17 | 20120515 | 201205 | 2012 | DHEUGHAN | ES | Spain | WE | ZTSV | O 50000005 | SERVICE_MACHINE | ShortSERVICE_MACHINE | 600 | 708 | 600 |
| 18 | 20120518 | 201205 | 2012 | 0000600030 | ES | Spain | OS | WECO | O 50000005 | J&I | J&I | 1040 | 1227.2 | 1040 |
| 19 | 20120521 | 201205 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 20499-01 | Short20499-01 | 1279.96 | 1510.352 | 1279.96 |
| 20 | 20120521 | 201205 | 2012 | 0000600030 | ES | Spain | OS | ZISC | O 50000005 | 20499-01 | Short20499-01 | 1279.96 | 1510.352 | 1279.96 |
| 21 | 20120524 | 201205 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 10513-01 | Short10513-01 | 2159.92 | 2548.704 | 2159.92 |
| 22 | 20120524 | 201205 | 2012 | 0000000031 | GB | Great Britain | NW | ZISC | O 50000005 | 20092-01 | Short20092-01 | 5399.8 | 6371.76 | 5399.8 |
| | | | | | | | | | O 50000005 | 904246-21 | Short904246-21 | 12.32 | 14.536 | 12.32 |
| | | | | | | | | | O 50000005 | 10513-01 | Short10513-01 | 1079.96 | 1274.352 | 1079.96 |
| | | | | | | | | | O 50000005 | 20092-01 | Short20092-01 | 2159.92 | 2548.704 | 2159.92 |
| | | | | | | | | | O 50000005 | 904246-21 | Short904246-21 | 12.32 | 14.536 | 12.32 |
| | | | | | | | | | O 50000005 | 20092-01 | Short20092-01 | 1079.96 | 1274.352 | 1079.96 |
| | | | | | | | | | O 50000005 | 10513-01 | Short10513-01 | 1079.96 | 1274.352 | 1079.96 |
| | | | | | | | | | O 50000005 | 20092-01 | Short20092-01 | 2159.92 | 2548.704 | 2159.92 |
| | | | | | | | | | O 50000005 | J&I | J&I | 1040 | 1227.2 | 1040 |
| | | | | | | | | | O 50000005 | 10513-01 | Short10513-01 | 2159.92 | 2548.704 | 2159.92 |

**SAMPLE WORKFLOW USING SAP BW READ TOOL TO EXTRACT SAP BW QUERY DATA**

# EXAMPLES



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Alteryx Designer x64 - Use Case - SAP Vendor Payment Terms Review.yxmd*

File Edit View Options Help

Search for tools, help, and resources

Favorites | SAP Read Tools | SAP Write Tools | SAP Connect | SAP CX | SAP SF | SAP BusinessObjects | SAP IBP | RPA | Recommended | In/Out | Preparation | Join | Parse | Transform | In-Database | Reporting | Documentation | Spatial | Machine Learning | Text Mining | Computer Vision | Interface | Data Investigation | Predictive

ACS BAPI Parse Tool | ACS Filter Tool | ACS Reconciliati... | SAP Archive Tool | SAP BAPI Read | SAP BW Read | SAP ByD Read | SAP Document ... | SAP Document ... | SAP Document ... | SAP Document ... | SAP Document ... | SAP Logon | SAP oData Read | SAP ODP Tool | SAP Query Tool | SAP Report Tool | SAP Spool Read | SAP Table (Enhanced) ... | SAP Table Data | SAP Table Data [X] | SAP Text Read

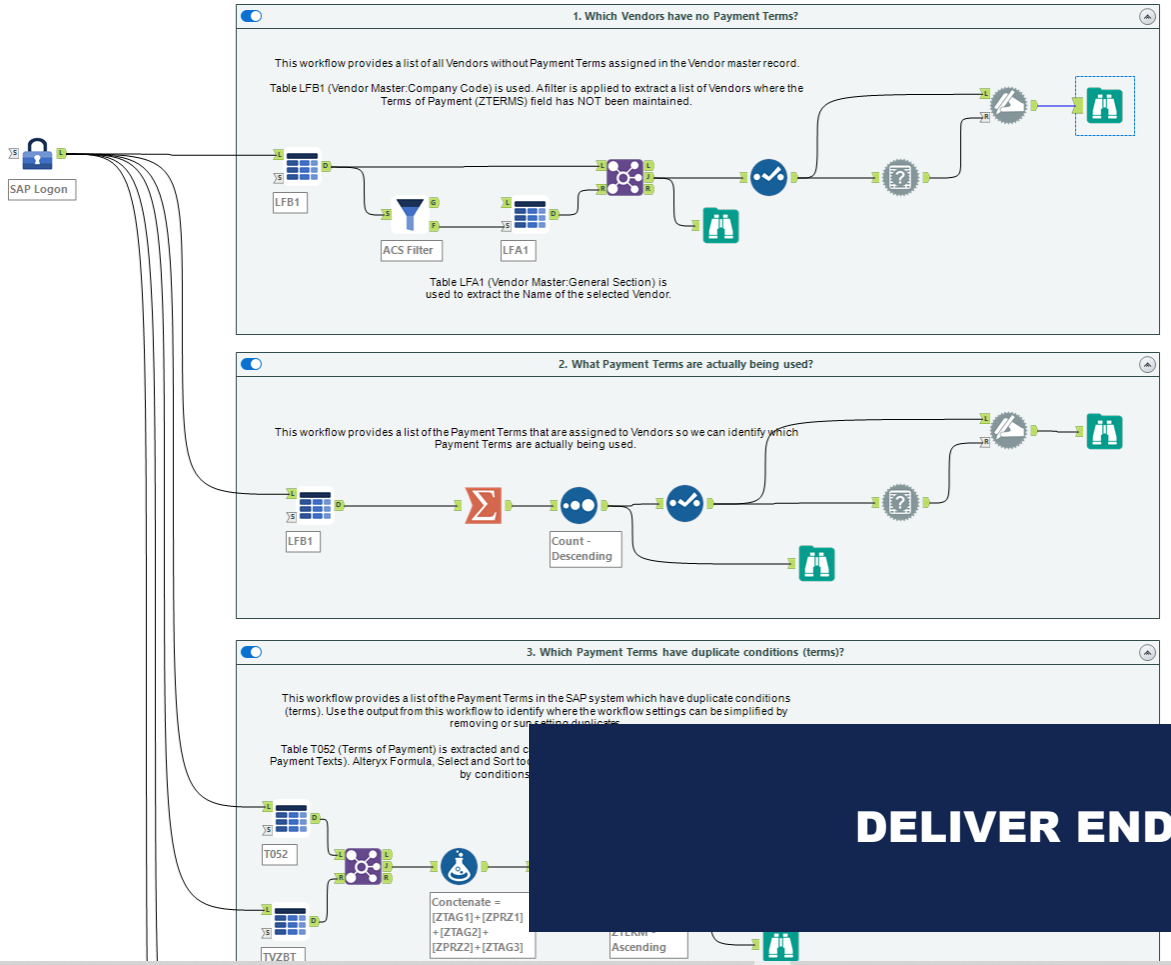
Start Here.yxmd | SAP Asset Management - Depreciation Report - SAP Query.yxmd* | SAP General Ledger - Extract G_L Accounting Data (Table Extract) - NMM.yxmd | Webinar Demo Workflow2.yxmd* | KSB1.yxmd* | SAP General Ledger - Advance Return for Tax on Sales Purchases.yxmd | SAP Balance Sheet.yxmd | Use Case - SAP Vendor Payment Terms Review.yxmd* | Run

# SAP Vendor Payment Terms Review - Understand your Payment Terms and stop missing out on Cash Discounts

These workflows will help you to address the following questions:

1. Which Vendors have no Payment Terms?
2. What Payment Terms are actually being used?
3. What Payment Terms have duplicate conditions (terms)?
4. Which of our Payment Terms don't make any sense?

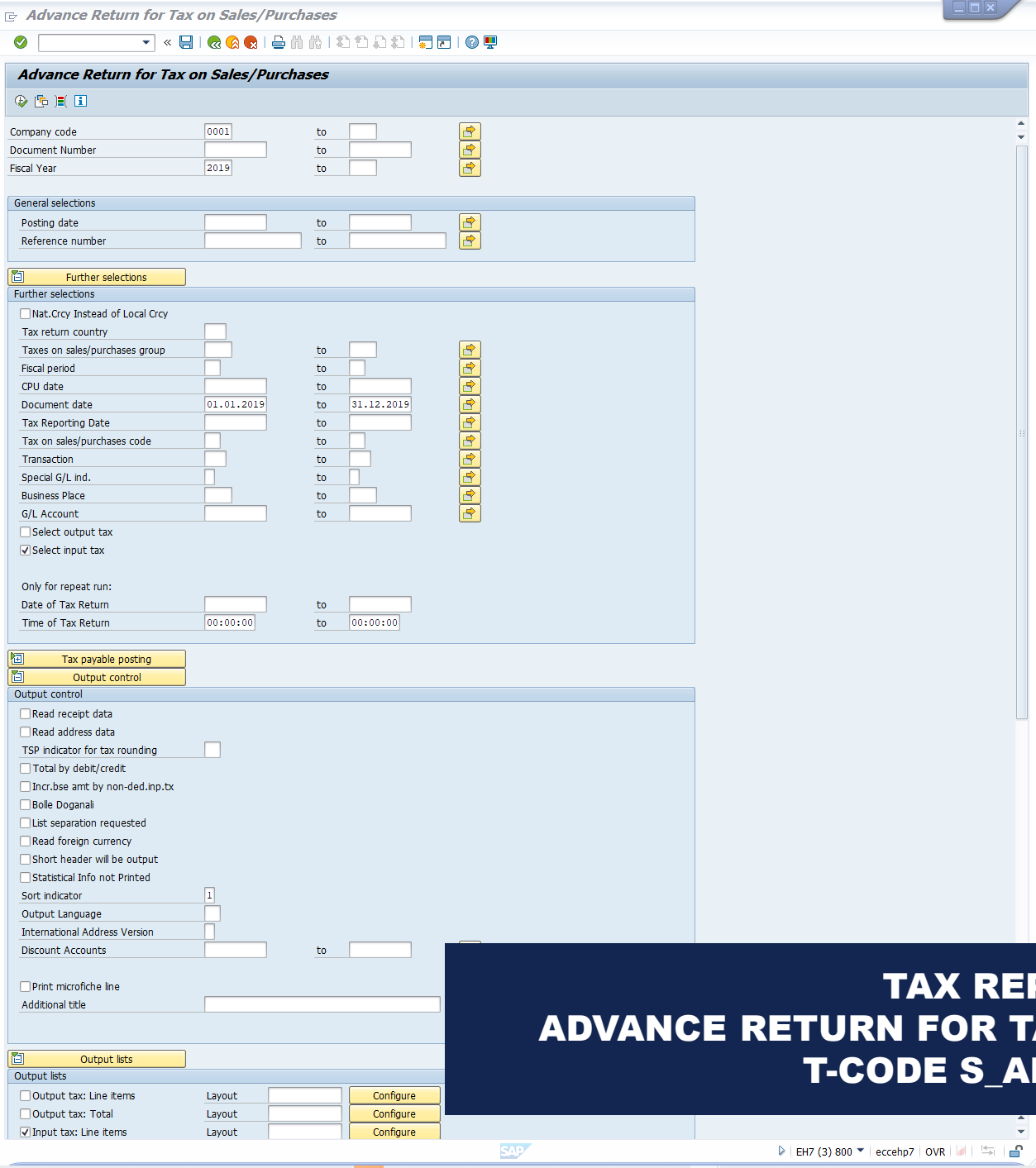
**This workflow requires the DVW ACS for Alteryx Designer. For more details and to request a trial, visit us at www.dvwanalytics.com**

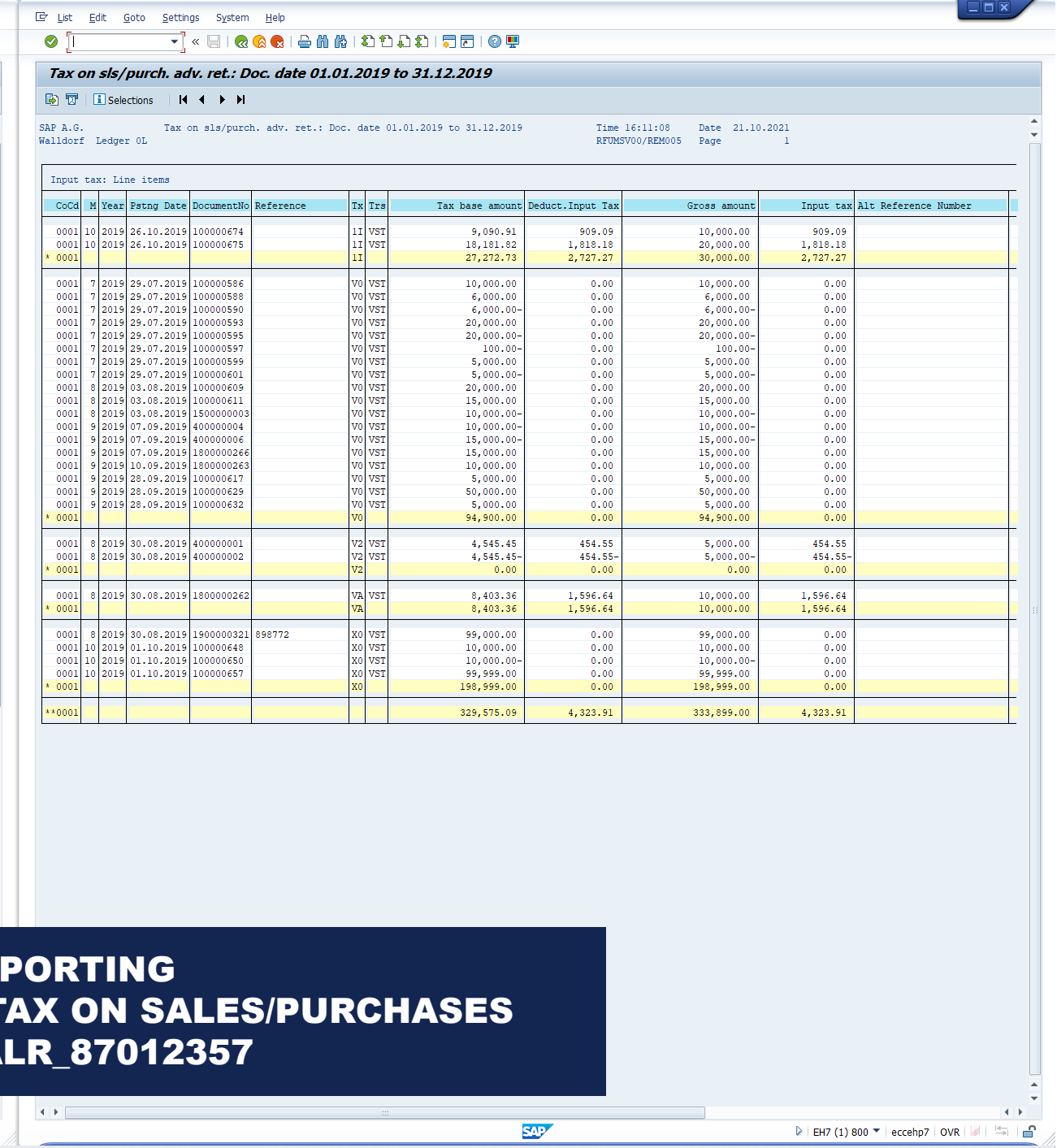


| Record | Account Number of Vendor or Creditor | Name 1 | Company Code | Terms of Payment Key |
|---|---|---|---|---|
| 1 | 4000033697 | ADAM KLEIN | GB00 | [Null] |
| 2 | 4000033706 | TAL AMIRAN | GB00 | [Null] |
| 3 | 4000033708 | WILL STREET | GB00 | [Null] |
| 4 | 4000033711 | TWBY CWULING | GB00 | [Null] |
| 5 | 4000033712 | RWSIE LANGLEY | GB00 | [Null] |
| 6 | 4000033715 | JWANNA APPS | GB00 | [Null] |
| 7 | 4000033718 | MEAN FIDDLER HWLDINGS LTD | GB00 | [Null] |
| 8 | 4000033724 | SAHIL BUDHDEW | GB00 | [Null] |
| 9 | 4000033729 | BARFLY CLUB HWLDINGS LTD | GB00 | [Null] |
| 10 | 4000033737 | DEV PEWPLE LIMITED | GB00 | [Null] |
| 11 | 4000033739 | CWDE WIZARDS LIMITED | GB00 | [Null] |
| 12 | 4000033749 | Emma WWWd | GB00 | [Null] |
| 13 | 4000033754 | BLWC PARTY | GB00 | [Null] |
| 14 | 4000033756 | CWWL BADGE | GB00 | [Null] |
| 15 | 4000033774 | CLARE NASH | GB00 | [Null] |
| 16 | 4000033776 | TRANSGRESSIVE RECWRDS | GB00 | [Null] |
| 17 | 4000033777 | BWWkerman Music Ltd | GB00 | [Null] |

DELIVER END TO END USE CASES

9°C Mostly clo... ENG 11:16




| CoCd | M | Year | Pstng Date | DocumentNo | Reference | Tx | Trs | Tax base amount | Deduct.Input Tax | Gross amount | Input tax | Alt Reference Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0001 | 10 | 2019 | 26.10.2019 | 100000674 | | 1I | VST | 9,090.91 | 909.09 | 10,000.00 | 909.09 | |
| 0001 | 10 | 2019 | 26.10.2019 | 100000675 | | 1I | VST | 18,181.82 | 1,818.18 | 20,000.00 | 1,818.18 | |
| * 0001 | | | | | | 1I | | 27,272.73 | 2,727.27 | 30,000.00 | 2,727.27 | |
| 0001 | 7 | 2019 | 29.07.2019 | 100000586 | | V0 | VST | 10,000.00 | 0.00 | 10,000.00 | 0.00 | |
| 0001 | 7 | 2019 | 29.07.2019 | 100000588 | | V0 | VST | 6,000.00 | 0.00 | 6,000.00 | 0.00 | |
| 0001 | 7 | 2019 | 29.07.2019 | 100000590 | | V0 | VST | 6,000.00- | 0.00 | 6,000.00- | 0.00 | |
| 0001 | 7 | 2019 | 29.07.2019 | 100000593 | | V0 | VST | 20,000.00 | 0.00 | 20,000.00 | 0.00 | |
| 0001 | 7 | 2019 | 29.07.2019 | 100000595 | | V0 | VST | 20,000.00- | 0.00 | 20,000.00- | 0.00 | |
| 0001 | 7 | 2019 | 29.07.2019 | 100000597 | | V0 | VST | 100.00- | 0.00 | 100.00- | 0.00 | |
| 0001 | 7 | 2019 | 29.07.2019 | 100000599 | | V0 | VST | 5,000.00 | 0.00 | 5,000.00 | 0.00 | |
| 0001 | 7 | 2019 | 29.07.2019 | 100000601 | | V0 | VST | 5,000.00- | 0.00 | 5,000.00- | 0.00 | |
| 0001 | 8 | 2019 | 03.08.2019 | 100000609 | | V0 | VST | 20,000.00 | 0.00 | 20,000.00 | 0.00 | |
| 0001 | 8 | 2019 | 03.08.2019 | 100000611 | | V0 | VST | 15,000.00 | 0.00 | 15,000.00 | 0.00 | |
| 0001 | 8 | 2019 | 03.08.2019 | 1500000003 | | V0 | VST | 10,000.00- | 0.00 | 10,000.00- | 0.00 | |
| 0001 | 9 | 2019 | 07.09.2019 | 400000004 | | V0 | VST | 10,000.00- | 0.00 | 10,000.00- | 0.00 | |
| 0001 | 9 | 2019 | 07.09.2019 | 400000006 | | V0 | VST | 15,000.00- | 0.00 | 15,000.00- | 0.00 | |
| 0001 | 9 | 2019 | 07.09.2019 | 1800000266 | | V0 | VST | 15,000.00 | 0.00 | 15,000.00 | 0.00 | |
| 0001 | 9 | 2019 | 10.09.2019 | 1800000263 | | V0 | VST | 10,000.00 | 0.00 | 10,000.00 | 0.00 | |
| 0001 | 9 | 2019 | 28.09.2019 | 100000617 | | V0 | VST | 5,000.00 | 0.00 | 5,000.00 | 0.00 | |
| 0001 | 9 | 2019 | 28.09.2019 | 100000629 | | V0 | VST | 50,000.00 | 0.00 | 50,000.00 | 0.00 | |
| 0001 | 9 | 2019 | 28.09.2019 | 100000632 | | V0 | VST | 5,000.00 | 0.00 | 5,000.00 | 0.00 | |
| * 0001 | | | | | | V0 | | 94,900.00 | 0.00 | 94,900.00 | 0.00 | |
| 0001 | 8 | 2019 | 30.08.2019 | 400000001 | | V2 | VST | 4,545.45 | 454.55 | 5,000.00 | 454.55 | |
| 0001 | 8 | 2019 | 30.08.2019 | 400000002 | | V2 | VST | 4,545.45- | 454.55- | 5,000.00- | 454.55- | |
| * 0001 | | | | | | V2 | | 0.00 | 0.00 | 0.00 | 0.00 | |
| 0001 | 8 | 2019 | 30.08.2019 | 1800000262 | | VA | VST | 8,403.36 | 1,596.64 | 10,000.00 | 1,596.64 | |
| * 0001 | | | | | | VA | | 8,403.36 | 1,596.64 | 10,000.00 | 1,596.64 | |
| 0001 | 8 | 2019 | 30.08.2019 | 1900000321 | 898772 | X0 | VST | 99,000.00 | 0.00 | 99,000.00 | 0.00 | |
| 0001 | 10 | 2019 | 01.10.2019 | 100000648 | | X0 | VST | 10,000.00 | 0.00 | 10,000.00 | 0.00 | |
| 0001 | 10 | 2019 | 01.10.2019 | 100000650 | | X0 | VST | 10,000.00- | 0.00 | 10,000.00- | 0.00 | |
| 0001 | 10 | 2019 | 01.10.2019 | 100000657 | | X0 | VST | 99,999.00 | 0.00 | 99,999.00 | 0.00 | |
| * 0001 | | | | | | X0 | | 198,999.00 | 0.00 | 198,999.00 | 0.00 | |
| **0001 | | | | | | | | 329,575.09 | 4,323.91 | 333,899.00 | 4,323.91 | |

# TAX REPORTING
# ADVANCE RETURN FOR TAX ON SALES/PURCHASES
# T-CODE S_ALR_87012357

Alteryx Designer x64 - SAP General Ledger - Advance Return for Tax on Sales Purchases.yxmd*

File Edit View Options Help

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Comment | Explorer Box | Tool Container

SAP Report Tool (1) - Configuration

Basic | Parameters | Dynamic Input | Messages | Help

Parameters | Header Fields

| | Row Tag | Field Name | Start | Length |
|---|---|---|---|---|
| ▶ | SAP A.G. | #IGNORE# | 1 | 8 |
| | Walldorf | #IGNORE# | 1 | 8 |
| | --------- | #IGNORE# | 1 | 10 |
| | * | #IGNORE# | 2 | 1 |
| | I Input tax: Line items | #IGNORE# | 1 | 23 |
| * | | | 0 | 0 |

Filters | Sample Data | Fields

| | Pos | Name | Description | Type | Len | Sel |
|---|---|---|---|---|---|---|
| ▶ | 000 | CoCd | CoCd | String | 6 | ☑ |
| | 001 | M | M | String | 2 | ☑ |
| | 002 | Year | Year | String | 4 | ☑ |
| | 003 | Pstng Date | Pstng Date | String | 10 | ☑ |
| | 004 | DocumentNo | DocumentNo | String | 10 | ☑ |
| | 005 | Reference | Reference | String | 16 | ☑ |
| | 006 | Tx | Tx | String | 2 | ☑ |
| | 007 | Trs | Trs | String | 3 | ☑ |
| | 008 | Tax base amount | Tax base amount | String | 23 | ☑ |
| | 009 | Deduct.Input Tax | Deduct.Input Tax | String | 16 | ☑ |
| | 010 | Gross amount | Gross amount | String | 23 | ☑ |
| | 011 | Input tax | Input tax | String | 16 | ☑ |
| | 012 | Alt Reference Number | Alt Reference Number | String | 26 | ☑ |
| | 013 | Non-deductible | Non-deductible | String | 16 | ☑ |

nt - Depreciation Report - SAP Query.yxmd | SAP General Ledger - Extract G_L Accounting Data (Table Extract) - NMM.yxmd | Webinar Demo Workflow2.yxmd* | SAP General Ledger - Advance Return for Tax on Sales Purchases.yxmd* | Run

DVW ANALYTICS

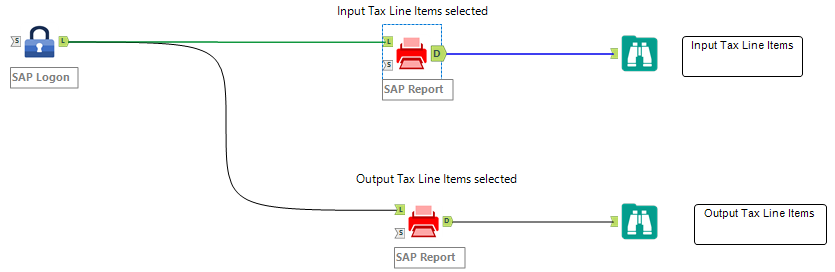
# SAP General Ledger - Advance Return for Tax on Sales/Purchases (T-Code S_ALR_87012357

This workflow extracts the Input Tax Lines Items and Outout Tax Lines Items from the Advance Return for Tax on Sales/Purchases transaction (T-Code S_ALR_87012357)

**This workflow requires the DVW ACS for Alteryx Designer. For more details and to request a trial, visit us at www.dvwanalytics.com**

The SAP Logon tool passes your SAP system details & user credentials to the DVW ACS tools that connect to it.

In this workflow, the details are passed to the SAP Table Data tool.



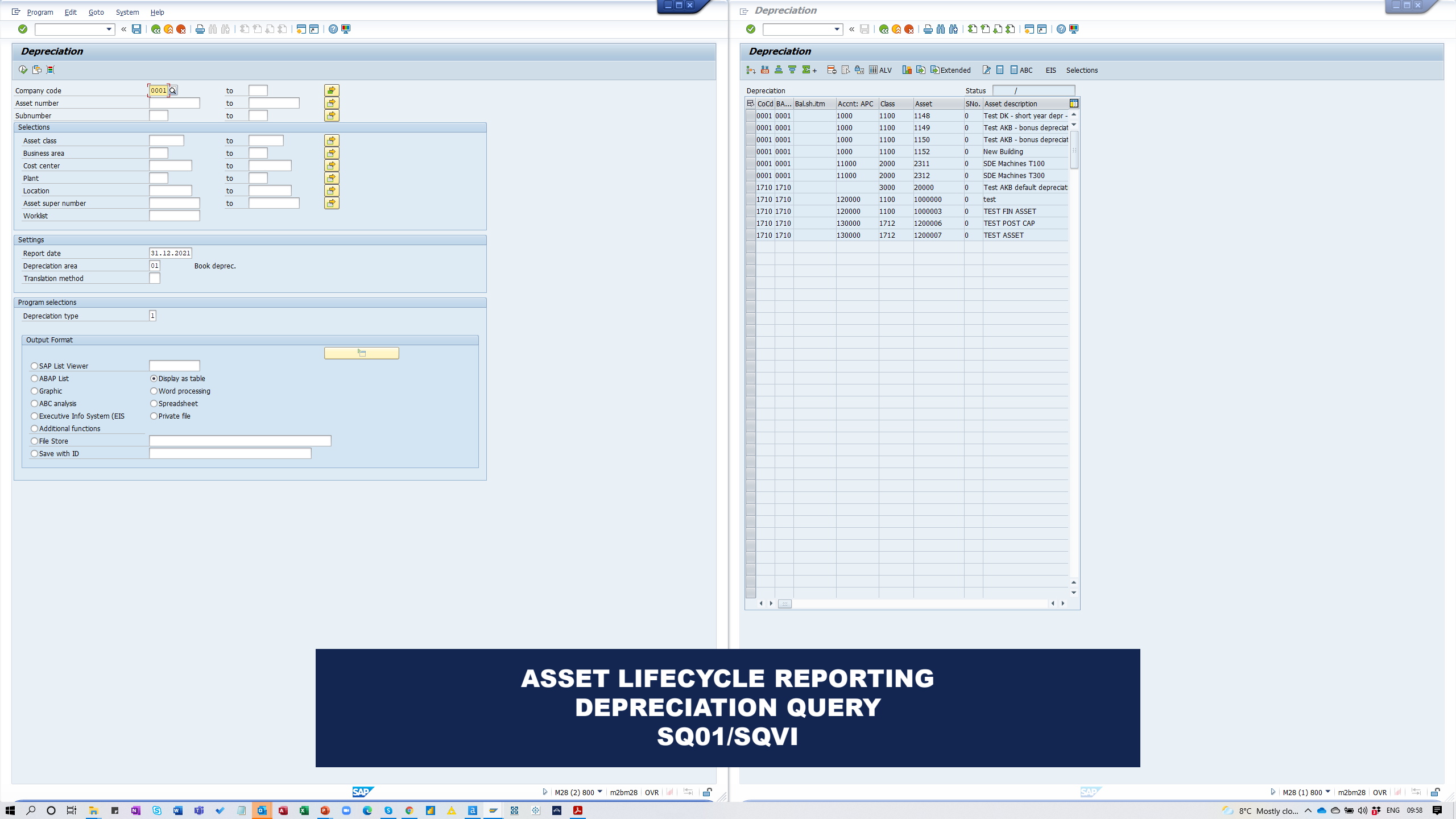

Results - SAP Report Tool (1) - Output

14 of 14 Fields | Cell Viewer | 27 records displayed | Search | Data | Metadata | Actions

| Record | CoCd | M | Year | Pstng Date | DocumentNo | Reference | Tx | Trs | Tax base amount | Deduct.Input Tax | Gross amount | Input tax | Alt Reference Number | Non-deductible |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0001 | 10 | 2019 | 26.10.2019 | 100000674 | [Null] | 1I | VST | 9,090.91 | 909.09 | 10,000.00 | 909.09 | [Null] | [Null] |
| 2 | 0001 | 10 | 2019 | 26.10.2019 | 100000675 | [Null] | 1I | VST | 18,181.82 | 1,818.18 | 20,000.00 | 1,818.18 | [Null] | [Null] |
| 3 | 0001 | 7 | 2019 | 29.07.2019 | 100000586 | [Null] | V0 | VST | 10,000.00 | 0.00 | 10,000.00 | 0.00 | [Null] | [Null] |
| 4 | 0001 | 7 | 2019 | 29.07.2019 | 100000588 | [Null] | V0 | VST | 6,000.00 | 0.00 | 6,000.00 | 0.00 | [Null] | [Null] |
| 5 | 0001 | 7 | 2019 | 29.07.2019 | 100000590 | [Null] | V0 | VST | 6,000.00- | 0.00 | 6,000.00- | 0.00 | [Null] | [Null] |
| 6 | 0001 | 7 | 2019 | 29.07.2019 | 100000593 | [Null] | V0 | VST | 20,000.00 | 0.00 | 20,000.00 | 0.00 | [Null] | [Null] |
| 7 | 0001 | 7 | 2019 | 29.07.2019 | 100000595 | [Null] | V0 | VST | 20,000.00- | 0.00 | 20,000.00- | 0.00 | [Null] | [Null] |
| 20 | 0001 | 9 | 2019 | 28.09.2019 | 100000632 | [Null] | V0 | VST | 5,000.00 | 0.00 | 5,000.00 | 0.00 | [Null] | [Null] |
| 21 | 0001 | 8 | 2019 | 30.08.2019 | 400000001 | [Null] | V2 | VST | 4,545.45 | 454.55 | 5,000.00 | 454.55 | [Null] | [Null] |

# TAX REPORTING
# ADVANCE RETURN FOR TAX ON SALES/PURCHASES
# T-CODE S_ALR_87012357

10°C Mostly s... ENG 08:47




# ASSET LIFECYCLE REPORTING
# DEPRECIATION QUERY
# SQ01/SQVI

Alteryx Designer x64 - SAP Asset Management - Depreciation Report - SAP Query.yxmd*

File Edit View Options Help

Search for tools, help, and resources

Favorites | SAP Read Tools | SAP Write Tools | SAP Connect | SAP CX | SAP SF | SAP BusinessObjects | SAP IBP | RPA | Recommended | In/Out | Preparation | Join | Parse | Transform | In-Database | Reporting | Documentation | Spatial | Machine Learning | Text Mining | Computer Vision | Interface | Data Investigation | Predictive

ACS BAPI Parse Tool | ACS Filter Tool | ACS Reconciliati... | SAP Archive Tool | SAP BAPI Read | SAP BW Read | SAP ByD Read | SAP Document ... | SAP Document ... | SAP Document ... | SAP Document ... | SAP Document ... | SAP Logon | SAP oData Read | SAP ODP Tool | SAP Query Tool | SAP Report Tool | SAP Spool Read | SAP Table (Enhanced) ... | SAP Table Data | SAP Table Data [X] | SAP Text Read

Browse (6) - Configuration

11 records displayed, 14 fields, 5,111 bytes

Profile

11 records displayed, 14 fields, 5,111 bytes

**Company code**

| | |
|---|---|
| 0001 | 6 |
| 1710 | 5 |

**Business area**

| | |
|---|---|
| 0001 | 6 |
| 1710 | 5 |

**AA: Balance sheet item (debit)**

**Bal. sheet account: Acquisition ...**

| | |
|---|---|
| 1000 | 4 |
| 11000 | 2 |
| 120000 | 2 |
| 130000 | 2 |

**Asset class**

| | |
|---|---|
| 1100 | 6 |
| 1712 | 2 |
| 2000 | 2 |
| 3000 | 1 |

**Main asset number**

| | |
|---|---|
| 1000000 | 1 |
| 1000003 | 1 |
| 1148 | 1 |
| 1149 | 1 |
| 1150 | 1 |

6 more >

**Asset sub-number**

| | |
|---|---|
| 0 | 11 |

**Asset description**

Test AKB - bonus depreciation start date
New Building
SDE Machines T100
SDE Machines T300
TEST ASSET
5 more >

**START OR DEPRECIATION (1,3,4...**

SAP Asset Management - Depreciation Report - SAP Query.yxmd* | SAP General Ledger - Extract G_L Accounting Data (Table Extract) - NMM.yxmd | Webinar Demo Workflow2.yxmd* | KSB1.yxmd* | SAP General Ledger - Advance Ret | Run

DVW ANALYTICS

# SAP Asset Management - Depreciation Report (SAP Query)

This workflow uses the SAP Query Tool to extract data from the standard Asset Management Depreciation query.

**This workflow requires the DVW ACS for Alteryx Designer. For more details and to request a trial, visit us at www.dvwanalytics.com**

The SAP Logon tool passes your SAP system details & user credentials to the DVW ACS tools that connect to it.

In this workflow, the details are passed to the SAP Query tool.

The branch of the workflow enables the display of SAP table Field Descriptions rather than Technical Names as column headers in the output.

SAP is delivered with a number of Asset Management Queries as standard. This example workflow extract data from the Depreciation Report query.

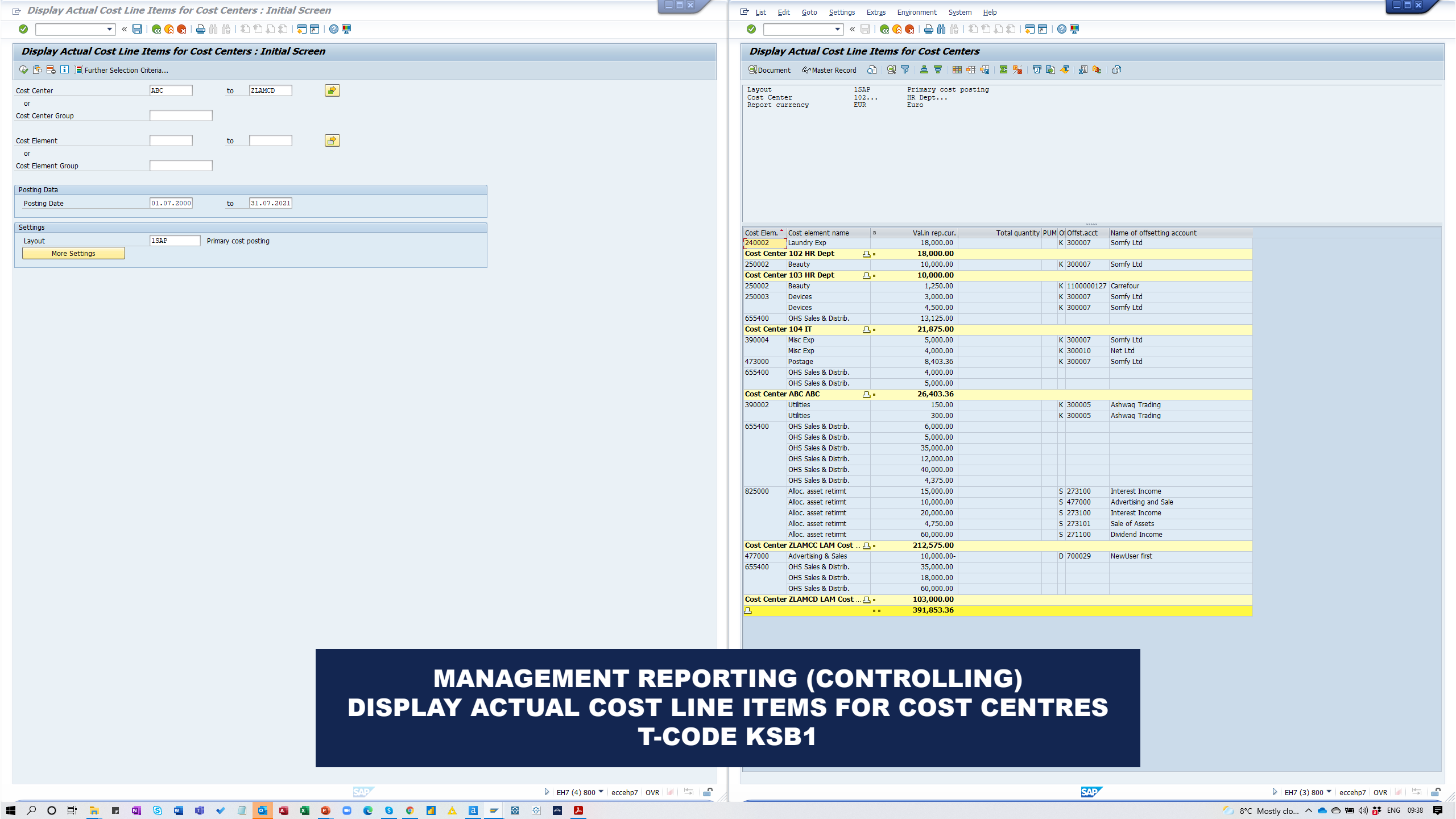
Results - Browse (6) - Input

14 of 14 Fields | Cell Viewer | 11 records displayed, 5,111 bytes | Search | Data | Metadata | Actions

| Record | Company code | Business area | AA: Balance sheet item (debit) | Bal. sheet account: Acquisition and productio... | Asset class | Main asset number | Asset sub-number | Asset description | START OR DEPRECIATION |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0001 | 0001 | [Null] | 1000 | 1100 | 1148 | 0 | Test DK - short year depr - mid qt | 01.04.2020 |
| 2 | 0001 | 0001 | [Null] | 1000 | 1100 | 1149 | 0 | Test AKB - bonus depreciation start date | 01.04.2020 |
| 3 | 0001 | 0001 | [Null] | 1000 | 1100 | 1150 | 0 | Test AKB - bonus depreciation start date | 01.07.2020 |
| 4 | 0001 | 0001 | [Null] | 1000 | 1100 | 1152 | 0 | New Building | 01.07.2021 |
| 5 | 0001 | 0001 | [Null] | 11000 | 2000 | 2311 | 0 | SDE Machines T100 | 01.07.2021 |
| 6 | 0001 | 0001 | [Null] | 11000 | 2000 | 2312 | 0 | SDE Machines T300 | 01.03.2021 |
| 7 | 1710 | 1710 | [Null] | [Null] | 3000 | 20000 | 0 | Test AKB default depreciation key, life and start | 01.12.2019 |
| 8 | 1710 | 1710 | [Null] | 120000 | 1100 | 1000000 | 0 | test | 01.01.2019 |
| 9 | 1710 | 1710 | [Null] | 120000 | 1100 | 1000003 | 0 | TEST FIN ASSET | 01.02.2019 |
| 10 | 1710 | 1710 | [Null] | 130000 | 1712 | 1200006 | 0 | TEST POST CAP | 01.01.2019 |
| 11 | 1710 | 1710 | [Null] | 130000 | 1712 | 1200007 | 0 | TEST ASSET | 01.01.2020 |

# ASSET LIFECYCLE REPORTING
# DEPRECIATION QUERY
# SQ01/SQVI

8°C Mostly clo... ENG 10:21


Display Actual Cost Line Items for Cost Centers : Initial Screen
Further Selection Criteria...
Cost Center
ABC
to
ZLAMCD
or
Cost Center Group
Cost Element
to
or
Cost Element Group
Posting Data
Posting Date
01.07.2000
to
31.07.2021
Settings
Layout
1SAP
Primary cost posting
More Settings
List Edit Goto Settings Extras Environment System Help
Display Actual Cost Line Items for Cost Centers
Document
Master Record
Layout 1SAP Primary cost posting
Cost Center 102... HR Dept...
Report currency EUR Euro
Cost Elem. | Cost element name | Val.in rep.cur. | Total quantity | PUM | OI | Offst.acct | Name of offsetting account
240002 | Laundry Exp | 18,000.00 | K | 300007 | Somfy Ltd
Cost Center 102 HR Dept | 18,000.00
250002 | Beauty | 10,000.00 | K | 300007 | Somfy Ltd
Cost Center 103 HR Dept | 10,000.00
250002 | Beauty | 1,250.00 | K | 1100000127 | Carrefour
250003 | Devices | 3,000.00 | K | 300007 | Somfy Ltd
Devices | 4,500.00 | K | 300007 | Somfy Ltd
655400 | OHS Sales & Distrib. | 13,125.00
Cost Center 104 IT | 21,875.00
390004 | Misc Exp | 5,000.00 | K | 300007 | Somfy Ltd
Misc Exp | 4,000.00 | K | 300010 | Net Ltd
473000 | Postage | 8,403.36 | K | 300007 | Somfy Ltd
655400 | OHS Sales & Distrib. | 4,000.00
OHS Sales & Distrib. | 5,000.00
Cost Center ABC ABC | 26,403.36
390002 | Utilities | 150.00 | K | 300005 | Ashwaq Trading
Utilities | 300.00 | K | 300005 | Ashwaq Trading
655400 | OHS Sales & Distrib. | 6,000.00
OHS Sales & Distrib. | 5,000.00
OHS Sales & Distrib. | 35,000.00
OHS Sales & Distrib. | 12,000.00
OHS Sales & Distrib. | 40,000.00
OHS Sales & Distrib. | 4,375.00
825000 | Alloc. asset retirmt | 15,000.00 | S | 273100 | Interest Income
Alloc. asset retirmt | 10,000.00 | S | 477000 | Advertising and Sale
Alloc. asset retirmt | 20,000.00 | S | 273100 | Interest Income
Alloc. asset retirmt | 4,750.00 | S | 273101 | Sale of Assets
Alloc. asset retirmt | 60,000.00 | S | 271100 | Dividend Income
Cost Center ZLAMCC LAM Cost ... | 212,575.00
477000 | Advertising & Sales | 10,000.00- | D | 700029 | NewUser first
655400 | OHS Sales & Distrib. | 35,000.00
OHS Sales & Distrib. | 18,000.00
OHS Sales & Distrib. | 60,000.00
Cost Center ZLAMCD LAM Cost ... | 103,000.00
391,853.36
EH7 (4) 800 | eccehp7 | OVR
EH7 (3) 800 | eccehp7 | OVR
MANAGEMENT REPORTING (CONTROLLING)
DISPLAY ACTUAL COST LINE ITEMS FOR COST CENTRES
T-CODE KSB1

Alteryx Designer x64 - KSB1.yxmd*

File Edit View Options Help

Search for tools, help, and resources

Favorites | SAP Read Tools | SAP Write Tools | SAP Connect | SAP CX | SAP SF | SAP BusinessObjects | SAP IBP | RPA | Recommended | In/Out | Preparation | Join | Parse | Transform | In-Database | Reporting | Documentation | Spatial | Machine Learning | Text Mining | Computer Vision | Interface | Data Investigation | Predictive

ACS BAPI Parse Tool | ACS Filter Tool | ACS Reconciliati... | SAP Archive Tool | SAP BAPI Read | SAP BW Read | SAP ByD Read | SAP Document ... | SAP Document ... | SAP Document ... | SAP Document ... | SAP Document ... | SAP Logon | SAP oData Read | SAP ODP Tool | SAP Query Tool | SAP Report Tool | SAP Spool Read | SAP Table (Enhanced) ... | SAP Table Data | SAP Table Data [X] | SAP Text Read

Browse (2) - Configuration

28 records displayed, 8 fields, 2,907 bytes

Profile

28 records displayed, 8 fields, 2,907 bytes

**Cost Elem.**

| | |
|---|---|
| 655400 | 12 |
| 825000 | 5 |
| 250002 | 2 |
| 250003 | 2 |
| 390002 | 2 |

4 more >

**Cost element name**

| | |
|---|---|
| OHS Sales & Distrib. | 12 |
| Alloc. asset retirmt | 5 |
| Beauty | 2 |
| Devices | 2 |
| Misc Exp | 2 |

4 more >

**Val.in RC**

| | |
|---|---|
| 5,000.00 | 3 |
| 10,000.00 | 2 |
| 18,000.00 | 2 |
| 35,000.00 | 2 |
| 4,000.00 | 2 |

16 more >

**Quantity**

**PUM**

**OffAct**

| | |
|---|---|
| K | 10 |
| S | 5 |
| D | 1 |

**Offst.acct**

| |
|---|
| 300007 |
| 273100 |
| 300005 |
| 1100000127 |
| 271100 |

4 more >

**Offset. acct name**

iation Report - SAP Query.yxmd* | SAP General Ledger - Extract G_L Accounting Data (Table Extract) - NMM.yxmd | Webinar Demo Workflow2.yxmd* | KSB1.yxmd* | SAP General Ledger - Advance Return for Tax on Sales Purchases.yxmd

Run

DVW ANALYTICS

## SAP Controlling - Display Actual Cost Line Items for Cost Centres (T-Code KSB1)

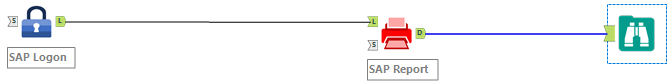
This workflow extracts data from the Display Actual Cost Line Items for Cost Centres transaction (T-Code KSB1)

**This workflow requires the DVW ACS for Alteryx Designer. For more details and to request a trial, visit us at www.dvwanalytics.com**

The SAP Logon tool passes your SAP system details & user credentials to the DVW ACS tools that connect to it.

In this workflow, the details are passed to the SAP Table Data tool.

T-Code KSB1 selected with variant



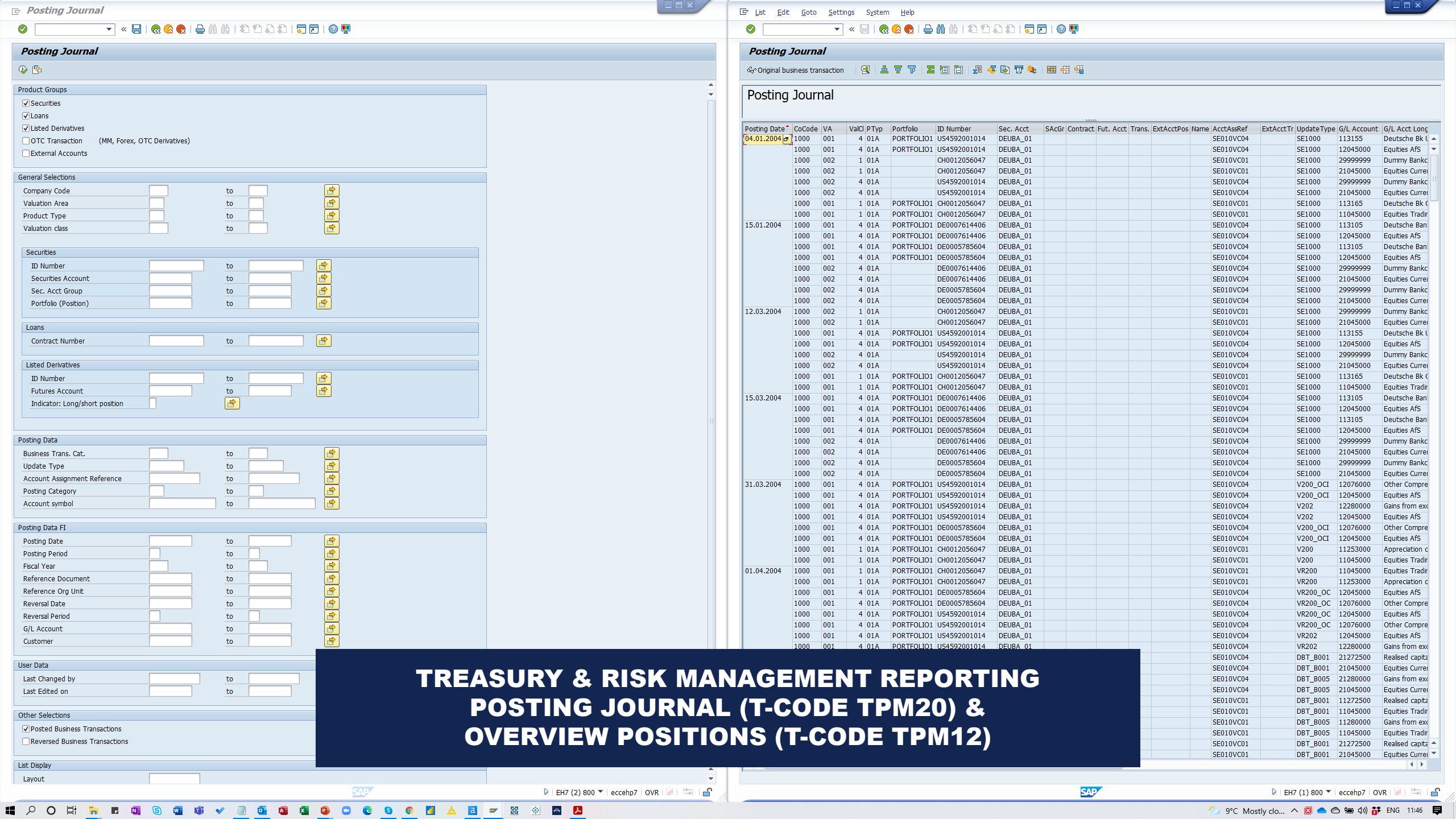

Results - Browse (2) - Input

8 of 8 Fields | Cell Viewer | 28 records displayed, 2,907 bytes | Search | Data | Metadata | Actions

| Record | Cost Elem. | Cost element name | Val.in RC | Quantity | PUM | OffAct | Offst.acct | Offset. acct name |
|---|---|---|---|---|---|---|---|---|
| 1 | 240002 | Laundry Exp | 18,000.00 | [Null] | [Null] | K | 300007 | Somfy Ltd |
| 2 | 250002 | Beauty | 10,000.00 | [Null] | [Null] | K | 300007 | Somfy Ltd |
| 3 | 250002 | Beauty | 1,250.00 | [Null] | [Null] | K | 1100000127 | Carrefour |
| 4 | 250003 | Devices | 3,000.00 | [Null] | [Null] | K | 300007 | Somfy Ltd |
| 5 | 250003 | Devices | 4,500.00 | [Null] | [Null] | K | 300007 | Somfy Ltd |
| 6 | 655400 | OHS Sales & Distrib. | 13,125.00 | [Null] | [Null] | [Null] | [Null] | [Null] |
| 7 | 390004 | Misc Exp | 5,000.00 | [Null] | [Null] | K | 300007 | Somfy Ltd |
| 8 | 390004 | Misc Exp | 4,000.00 | [Null] | [Null] | K | 300010 | Net Ltd |
| 9 | 473000 | Postage | 8,403.36 | [Null] | [Null] | K | 300007 | Somfy Ltd |
| 10 | 655400 | OHS Sales & Distrib. | 4,000.00 | [Null] | [Null] | [Null] | [Null] | [Null] |
| 11 | 655400 | OHS Sales & Distrib. | 5,000.00 | [Null] | [Null] | [Null] | [Null] | [Null] |
| 12 | 390002 | Utilities | 150.00 | [Null] | [Null] | K | 300005 | Ashwaq Trading |
| 13 | 390002 | Utilities | 300.00 | [Null] | [Null] | K | 300005 | Ashwaq Trading |
| 14 | 655400 | OHS Sales & Distrib. | 6,000.00 | [Null] | [Null] | [Null] | [Null] | [Null] |
| 27 | 655400 | OHS Sales & Distrib. | 18,000.00 | [Null] | [Null] | [Null] | [Null] | [Null] |
| 28 | 655400 | OHS Sales & Distrib. | 60,000.00 | [Null] | [Null] | [Null] | [Null] | [Null] |

# MANAGEMENT REPORTING (CONTROLLING)
# DISPLAY ACTUAL COST LINE ITEMS FOR COST CENTRES
# T-CODE KSB1

8°C Mostly clo... ENG 09:40


Posting Journal
Product Groups
Securities
Loans
Listed Derivatives
OTC Transaction (MM, Forex, OTC Derivatives)
External Accounts
General Selections
Company Code
Valuation Area
Product Type
Valuation class
Securities
ID Number
Securities Account
Sec. Acct Group
Portfolio (Position)
Loans
Contract Number
Listed Derivatives
ID Number
Futures Account
Indicator: Long/short position
Posting Data
Business Trans. Cat.
Update Type
Account Assignment Reference
Posting Category
Account symbol
Posting Data FI
Posting Date
Posting Period
Fiscal Year
Reference Document
Reference Org Unit
Reversal Date
Reversal Period
G/L Account
Customer
User Data
Last Changed by
Last Edited on
Other Selections
Posted Business Transactions
Reversed Business Transactions
List Display
Layout
List Edit Goto Settings System Help
Original business transaction
Posting Journal
Posting Date CoCode VA ValCl PTyp Portfolio ID Number Sec. Acct SAcGr Contract Fut. Acct Trans. ExtAcctPos Name AcctAssRef ExtAcctTr UpdateType G/L Account G/L Acct Long
04.01.2004 1000 001 4 01A PORTFOLIO1 US4592001014 DEUBA_01 SE010VC04 SE1000 113155 Deutsche Bk U
1000 001 4 01A PORTFOLIO1 US4592001014 DEUBA_01 SE010VC04 SE1000 12045000 Equities AfS
1000 002 1 01A CH0012056047 DEUBA_01 SE010VC01 SE1000 29999999 Dummy Bankc
1000 002 1 01A CH0012056047 DEUBA_01 SE010VC01 SE1000 21045000 Equities Curre
1000 002 4 01A US4592001014 DEUBA_01 SE010VC04 SE1000 29999999 Dummy Bankc
1000 002 4 01A US4592001014 DEUBA_01 SE010VC04 SE1000 21045000 Equities Curre
1000 001 1 01A PORTFOLIO1 CH0012056047 DEUBA_01 SE010VC01 SE1000 113165 Deutsche Bk C
1000 001 1 01A PORTFOLIO1 CH0012056047 DEUBA_01 SE010VC01 SE1000 11045000 Equities Tradir
15.01.2004 1000 001 4 01A PORTFOLIO1 DE0007614406 DEUBA_01 SE010VC04 SE1000 113105 Deutsche Ban
1000 001 4 01A PORTFOLIO1 DE0007614406 DEUBA_01 SE010VC04 SE1000 12045000 Equities AfS
1000 001 4 01A PORTFOLIO1 DE0005785604 DEUBA_01 SE010VC04 SE1000 113105 Deutsche Ban
1000 001 4 01A PORTFOLIO1 DE0005785604 DEUBA_01 SE010VC04 SE1000 12045000 Equities AfS
1000 002 4 01A DE0007614406 DEUBA_01 SE010VC04 SE1000 29999999 Dummy Bankc
1000 002 4 01A DE0007614406 DEUBA_01 SE010VC04 SE1000 21045000 Equities Curre
1000 002 4 01A DE0005785604 DEUBA_01 SE010VC04 SE1000 29999999 Dummy Bankc
1000 002 4 01A DE0005785604 DEUBA_01 SE010VC04 SE1000 21045000 Equities Curre
12.03.2004 1000 002 1 01A CH0012056047 DEUBA_01 SE010VC01 SE1000 29999999 Dummy Bankc
1000 002 1 01A CH0012056047 DEUBA_01 SE010VC01 SE1000 21045000 Equities Curre
1000 001 4 01A PORTFOLIO1 US4592001014 DEUBA_01 SE010VC04 SE1000 113155 Deutsche Bk U
1000 001 4 01A PORTFOLIO1 US4592001014 DEUBA_01 SE010VC04 SE1000 12045000 Equities AfS
1000 002 4 01A US4592001014 DEUBA_01 SE010VC04 SE1000 29999999 Dummy Bankc
1000 002 4 01A US4592001014 DEUBA_01 SE010VC04 SE1000 21045000 Equities Curre
1000 001 1 01A PORTFOLIO1 CH0012056047 DEUBA_01 SE010VC01 SE1000 113165 Deutsche Bk C
1000 001 1 01A PORTFOLIO1 CH0012056047 DEUBA_01 SE010VC01 SE1000 11045000 Equities Tradir
15.03.2004 1000 001 4 01A PORTFOLIO1 DE0007614406 DEUBA_01 SE010VC04 SE1000 113105 Deutsche Ban
1000 001 4 01A PORTFOLIO1 DE0007614406 DEUBA_01 SE010VC04 SE1000 12045000 Equities AfS
1000 001 4 01A PORTFOLIO1 DE0005785604 DEUBA_01 SE010VC04 SE1000 113105 Deutsche Ban
1000 001 4 01A PORTFOLIO1 DE0005785604 DEUBA_01 SE010VC04 SE1000 12045000 Equities AfS
1000 002 4 01A DE0007614406 DEUBA_01 SE010VC04 SE1000 29999999 Dummy Bankc
1000 002 4 01A DE0007614406 DEUBA_01 SE010VC04 SE1000 21045000 Equities Curre
1000 002 4 01A DE0005785604 DEUBA_01 SE010VC04 SE1000 29999999 Dummy Bankc
1000 002 4 01A DE0005785604 DEUBA_01 SE010VC04 SE1000 21045000 Equities Curre
31.03.2004 1000 001 4 01A PORTFOLIO1 US4592001014 DEUBA_01 SE010VC04 V200_OCI 12076000 Other Compre
1000 001 4 01A PORTFOLIO1 US4592001014 DEUBA_01 SE010VC04 V200_OCI 12045000 Equities AfS
1000 001 4 01A PORTFOLIO1 US4592001014 DEUBA_01 SE010VC04 V202 12280000 Gains from exc
1000 001 4 01A PORTFOLIO1 US4592001014 DEUBA_01 SE010VC04 V202 12045000 Equities AfS
1000 001 4 01A PORTFOLIO1 DE0005785604 DEUBA_01 SE010VC04 V200_OCI 12076000 Other Compre
1000 001 4 01A PORTFOLIO1 DE0005785604 DEUBA_01 SE010VC04 V200_OCI 12045000 Equities AfS
1000 001 1 01A PORTFOLIO1 CH0012056047 DEUBA_01 SE010VC01 V200 11253000 Appreciation c
1000 001 1 01A PORTFOLIO1 CH0012056047 DEUBA_01 SE010VC01 V200 11045000 Equities Tradir
01.04.2004 1000 001 1 01A PORTFOLIO1 CH0012056047 DEUBA_01 SE010VC01 VR200 11045000 Equities Tradir
1000 001 1 01A PORTFOLIO1 CH0012056047 DEUBA_01 SE010VC01 VR200 11253000 Appreciation c
1000 001 4 01A PORTFOLIO1 DE0005785604 DEUBA_01 SE010VC04 VR200_OC 12045000 Equities AfS
1000 001 4 01A PORTFOLIO1 DE0005785604 DEUBA_01 SE010VC04 VR200_OC 12076000 Other Compre
1000 001 4 01A PORTFOLIO1 US4592001014 DEUBA_01 SE010VC04 VR200_OC 12045000 Equities AfS
1000 001 4 01A PORTFOLIO1 US4592001014 DEUBA_01 SE010VC04 VR200_OC 12076000 Other Compre
1000 001 4 01A PORTFOLIO1 US4592001014 DEUBA_01 SE010VC04 VR202 12045000 Equities AfS
1000 001 4 01A PORTFOLIO1 US4592001014 DEUBA_01 SE010VC04 VR202 12280000 Gains from exc
SE010VC04 DBT_B001 21272500 Realised capita
SE010VC04 DBT_B001 21045000 Equities Curre
SE010VC04 DBT_B005 21280000 Gains from exc
SE010VC04 DBT_B005 21045000 Equities Curre
SE010VC01 DBT_B001 11272500 Realised capita
SE010VC01 DBT_B001 11045000 Equities Tradir
SE010VC01 DBT_B005 11280000 Gains from exc
SE010VC01 DBT_B005 11045000 Equities Tradir
SE010VC01 DBT_B001 21272500 Realised capita
SE010VC01 DBT_B001 21045000 Equities Curre
EH7 (2) 800 eccehp7 OVR
EH7 (1) 800 eccehp7 OVR
TREASURY & RISK MANAGEMENT REPORTING
POSTING JOURNAL (T-CODE TPM20) &
OVERVIEW POSITIONS (T-CODE TPM12)
9°C Mostly clo...
ENG 11:46

Alteryx Designer x64 - Webinar Demo Workflow2.yxmd*

File Edit View Options Help

Favorites | SAP Read Tools | SAP Write Tools | SAP Connect | SAP CX | SAP SF | SAP BusinessObjects | SAP IBP | RPA | Recommended | In/Out | Preparation | Join | Parse | Transform | In-Database | Reporting | Documentation | Spatial | Machine Learning | Text Mining | Computer Vision | Interface | Data Investigation | Predictive

ACS RPA Parse Tool | HTML RPA Tool | SAP Logon | SAP RPA Tool | Windows RPA Tool

Browse (10) - Configuration

688 records displayed, 25 fields, 46 KB

Profile

688 records displayed, 25 fields, 46 KB

**Pstng Date**

| | |
|---|---|
| 22.03.2006 | 52 |
| 01.04.2006 | 46 |
| 31.03.2006 | 46 |
| 01.03.2006 | 32 |
| 05.03.2006 | 32 |

39 more >

**CoCd**

| | |
|---|---|
| 1000 | 688 |

**VA**

| | |
|---|---|
| 001 | 422 |
| 002 | 266 |

**ValCl**

| | |
|---|---|
| 3 | 452 |
| 4 | 120 |
| 1 | 60 |
| 2 | 40 |
| 10 | 8 |

1 more >

**PTyp**

| | |
|---|---|
| 01A | 604 |
| 04I | 76 |
| 75D | 8 |

**Portfolio**

| | |
|---|---|
| PORTFOLIO1 | 414 |

**ID Number**

| | |
|---|---|
| CH0012056047 | 60 |
| US4592001014 | 56 |
| DE0001135101 | 36 |
| GB0009252882 | 36 |
| US00206R1023 | 32 |

22 more >

**Sec. Acct**

| | |
|---|---|
| DEUBA_01 | 480 |
| JPMOR_01 | 200 |

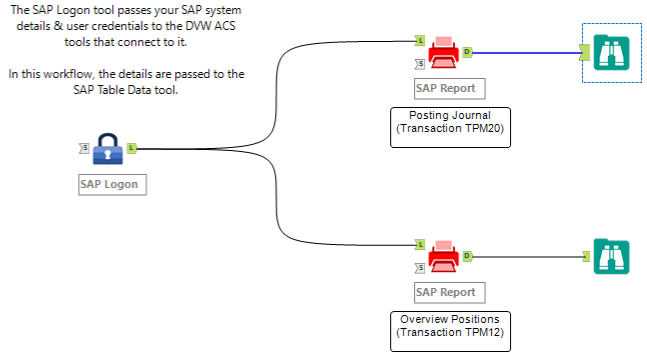
yxmd | Use Case - SAP Vendor Payment Terms Review.yxmd* | SAP General Ledger - Advance Return for Tax on Sales Purchases.yxmd* | SAP Asset Management - Depreciation Report - SAP Query.yxmd* | KSB1.yxmd* | Webinar Demo Workflow2.yxmd* | SAP Balance Sheet.yxmd | Run

DVW ANALYTICS

## SAP Treasury Management - Posting Journal (T-Code TPM20) and Overview Positions (T-Code TPM12)

This workflow extracts data from the Posting Journal (T-Code TPM20) and Overview Positions (T-Code TPM12) transactions.

**This workflow requires the DVW ACS for Alteryx Designer. For more details and to request a trial, visit us at www.dvwanalytics.com**




Results - Browse (10) - Input

25 of 25 Fields | Cell Viewer | 688 records displayed, 46 KB | Search | Data | Metadata | Actions

| Record | Pstng Date | CoCd | VA | ValCl | PTyp | Portfolio | ID Number | Sec. Acct | SAcGr | Contract | Fut. Acct | Trans. | ExtAcctPos | Name | AcctAssRef | ExtAcctTr | UpdateType | G/L acct | G/L Acct Long Text |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 04.01.2004 | 1000 | 001 | 4 | 01A | PORTFOLIO1 | US4592001014 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 113155 | Deutsche Bk USD acc. other provisinal postings |
| 2 | 04.01.2004 | 1000 | 001 | 4 | 01A | PORTFOLIO1 | US4592001014 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 12045000 | Equities AfS |
| 3 | 04.01.2004 | 1000 | 002 | 1 | 01A | [Null] | CH0012056047 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC01 | [Null] | SE1000 | 29999999 | Dummy Bankclearing |
| 4 | 04.01.2004 | 1000 | 002 | 1 | 01A | [Null] | CH0012056047 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC01 | [Null] | SE1000 | 21045000 | Equities Current Assets |
| 5 | 04.01.2004 | 1000 | 002 | 4 | 01A | [Null] | US4592001014 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 29999999 | Dummy Bankclearing |
| 6 | 04.01.2004 | 1000 | 002 | 4 | 01A | [Null] | US4592001014 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 21045000 | Equities Current Assets |
| 7 | 04.01.2004 | 1000 | 001 | 1 | 01A | PORTFOLIO1 | CH0012056047 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC01 | [Null] | SE1000 | 113165 | Deutsche Bk CHF acc. other prov. postings |
| 8 | 04.01.2004 | 1000 | 001 | 1 | 01A | PORTFOLIO1 | CH0012056047 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC01 | [Null] | SE1000 | 11045000 | Equities Trading |
| 9 | 15.01.2004 | 1000 | 001 | 4 | 01A | PORTFOLIO1 | DE0007614406 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 113105 | Deutsche Bank - other postings |
| 10 | 15.01.2004 | 1000 | 001 | 4 | 01A | PORTFOLIO1 | DE0007614406 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 12045000 | Equities AfS |
| 11 | 15.01.2004 | 1000 | 001 | 4 | 01A | PORTFOLIO1 | DE0007614406 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 113105 | Deutsche Bank - other postings |
| 12 | 15.01.2004 | 1000 | 001 | 4 | 01A | PORTFOLIO1 | DE0007614406 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 12045000 | Equities AfS |
| 13 | 15.01.2004 | 1000 | 001 | 4 | 01A | PORTFOLIO1 | DE0007614406 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 29999999 | Dummy Bankclearing |
| 14 | 15.01.2004 | 1000 | 001 | 4 | 01A | PORTFOLIO1 | DE0007614406 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 21045000 | Equities Current Assets |
| 15 | 15.01.2004 | 1000 | 001 | 4 | 01A | PORTFOLIO1 | DE0007614406 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 29999999 | Dummy Bankclearing |
| 16 | 15.01.2004 | 1000 | 001 | 4 | 01A | PORTFOLIO1 | DE0007614406 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 21045000 | Equities Current Assets |
| 17 | 15.01.2004 | 1000 | 001 | 4 | 01A | PORTFOLIO1 | DE0007614406 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 113155 | Deutsche Bk USD acc. other provisinal postings |
| 18 | 15.01.2004 | 1000 | 001 | 4 | 01A | PORTFOLIO1 | DE0007614406 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 12045000 | Equities AfS |
| 19 | 15.01.2004 | 1000 | 001 | 4 | 01A | PORTFOLIO1 | DE0007614406 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 29999999 | Dummy Bankclearing |
| 20 | 15.01.2004 | 1000 | 001 | 4 | 01A | PORTFOLIO1 | DE0007614406 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 21045000 | Equities Current Assets |
| 21 | 12.03.2004 | 1000 | 002 | 4 | 01A | [Null] | US4592001014 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 29999999 | Dummy Bankclearing |
| 22 | 12.03.2004 | 1000 | 002 | 4 | 01A | [Null] | US4592001014 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC04 | [Null] | SE1000 | 21045000 | Equities Current Assets |
| 23 | 12.03.2004 | 1000 | 001 | 1 | 01A | PORTFOLIO1 | CH0012056047 | DEUBA_01 | [Null] | [Null] | [Null] | [Null] | [Null] | [Null] | SE010VC01 | [Null] | SE1000 | 113165 | Deutsche Bk CHF acc. other prov. postings |

# TREASURY & RISK MANAGEMENT REPORTING
# POSTING JOURNAL (T-CODE TPM20) & OVERVIEW POSITIONS (T-CODE TPM12)

9°C Mostly clo... ENG 11:42

# ACS FOR ALTERYX SERVER

## AUTOMATE ANALYTIC PROCESSES WITH ALTERYX SERVER

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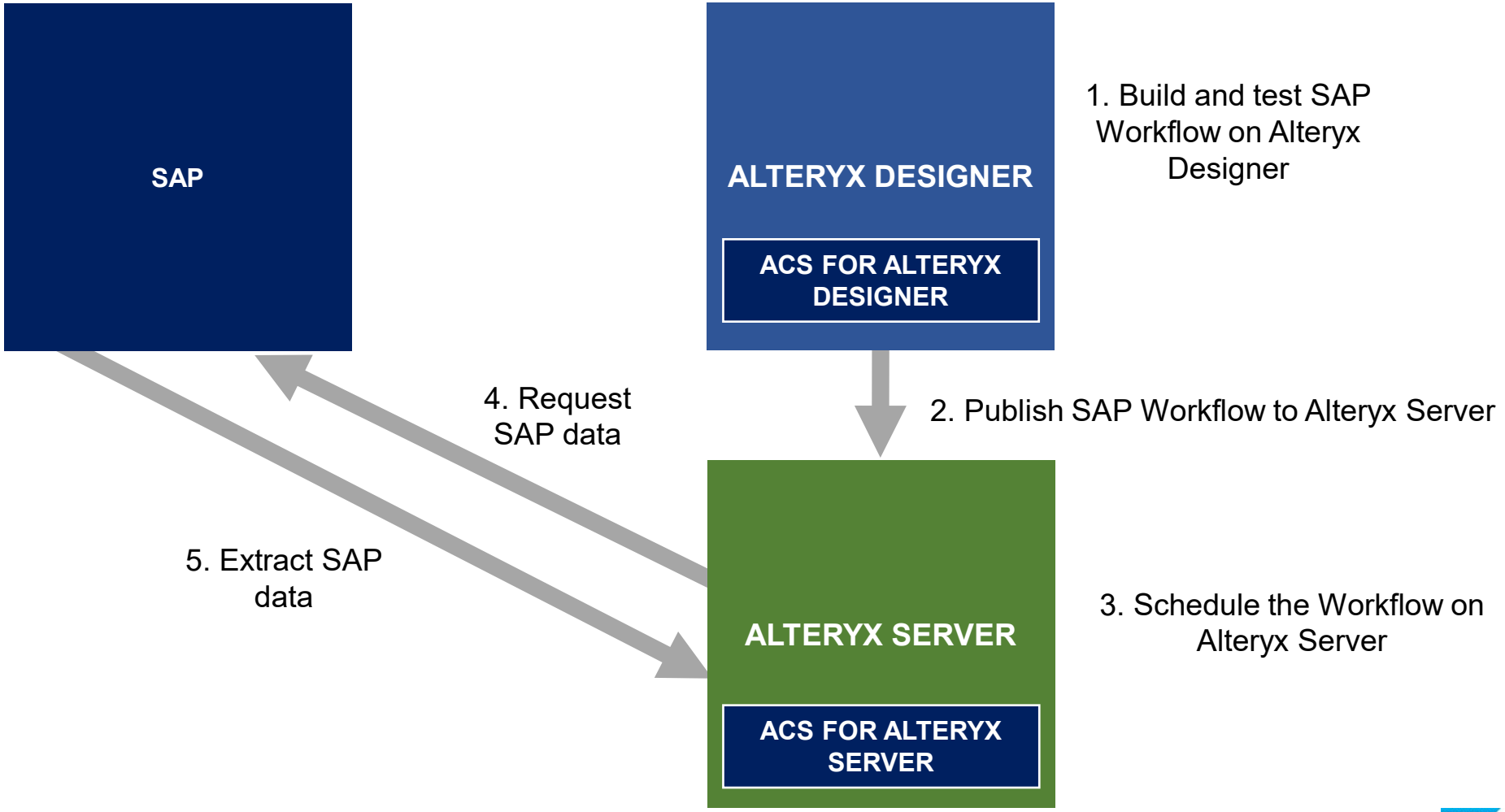
# SAP READ: ALTERYX SERVER & THE ACS FOR ALTERYX SERVER




After the SAP workflow has been designed and tested on Alteryx Designer, it can be published to Alteryx Server as an analytics app or for scheduling.

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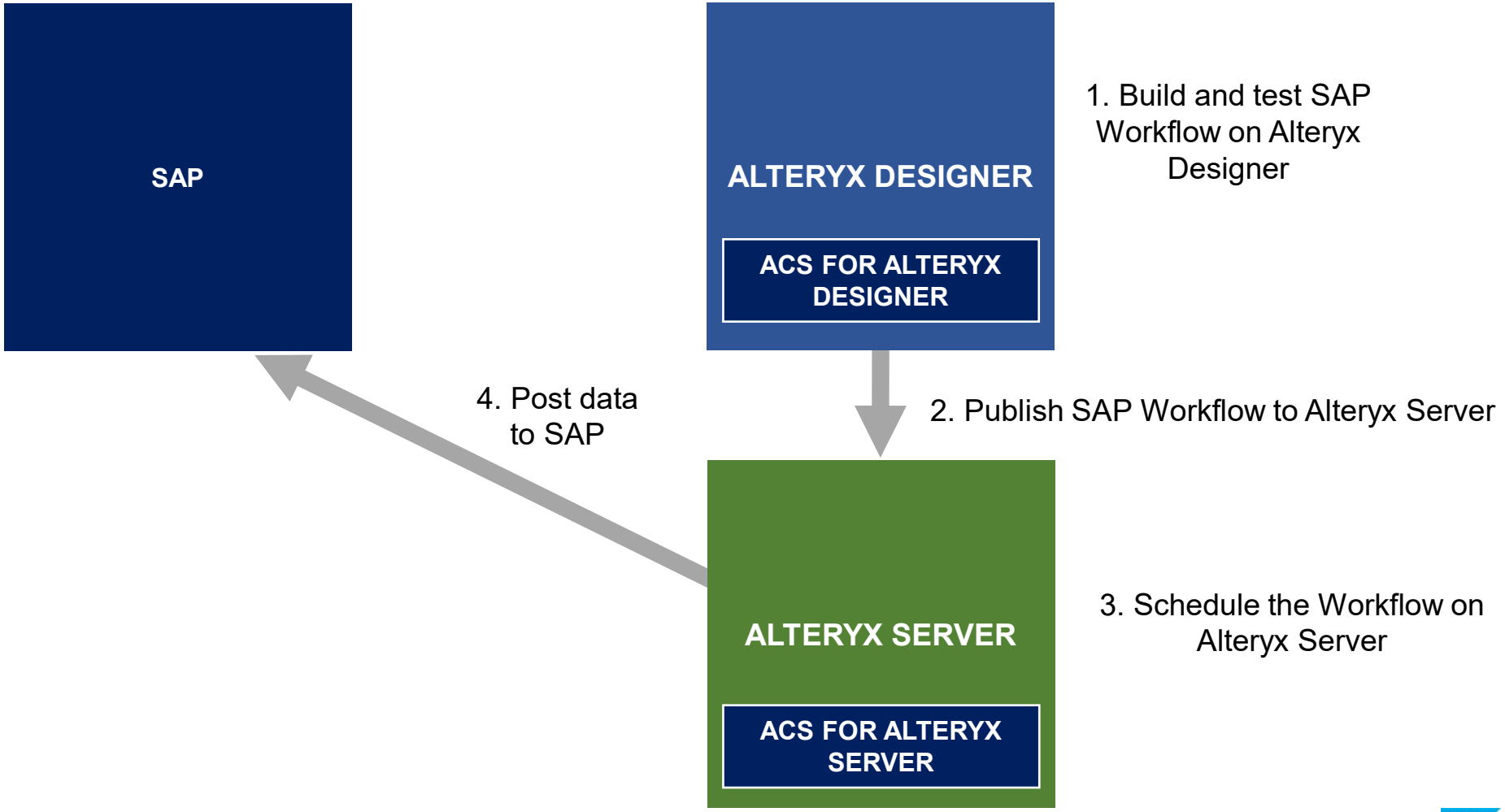
# SAP WRITE: ALTERYX SERVER & THE ACS FOR ALTERYX SERVER




After the SAP workflow has been designed and tested on Alteryx Designer, it can be published to Alteryx Server as an analytics app or for scheduling.

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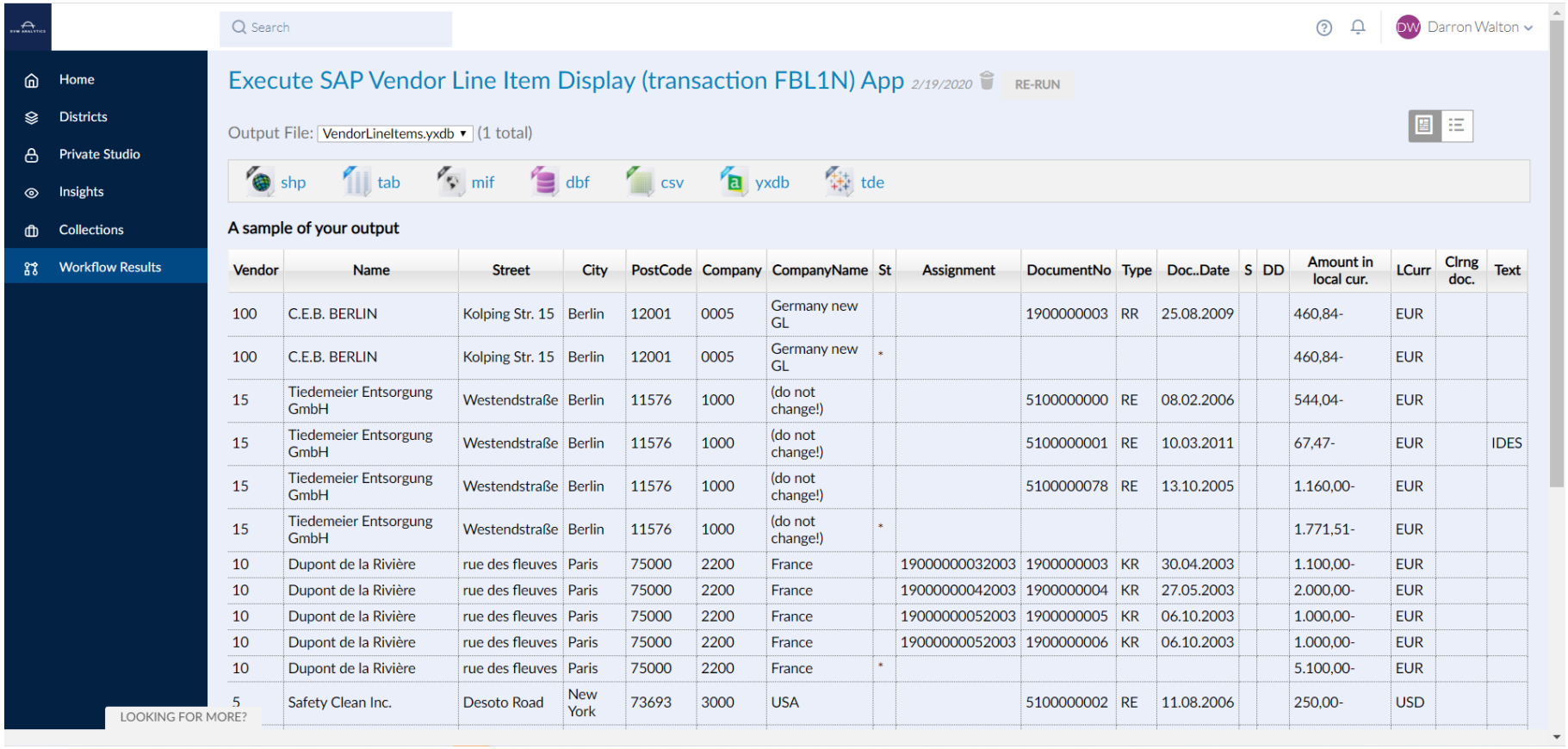
# THE ACS FOR ALTERYX SERVER




| Vendor | Name | Street | City | PostCode | Company | CompanyName | St | Assignment | DocumentNo | Type | Doc..Date | S | DD | Amount in local cur. | LCurr | Clrng doc. | Text |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | C.E.B. BERLIN | Kolping Str. 15 | Berlin | 12001 | 0005 | Germany new GL | | | 1900000003 | RR | 25.08.2009 | | | 460,84- | EUR | | |
| 100 | C.E.B. BERLIN | Kolping Str. 15 | Berlin | 12001 | 0005 | Germany new GL | * | | | | | | | 460,84- | EUR | | |
| 15 | Tiedemeier Entsorgung GmbH | Westendstraße | Berlin | 11576 | 1000 | (do not change!) | | | 5100000000 | RE | 08.02.2006 | | | 544,04- | EUR | | |
| 15 | Tiedemeier Entsorgung GmbH | Westendstraße | Berlin | 11576 | 1000 | (do not change!) | | | 5100000001 | RE | 10.03.2011 | | | 67,47- | EUR | | IDES |
| 15 | Tiedemeier Entsorgung GmbH | Westendstraße | Berlin | 11576 | 1000 | (do not change!) | | | 5100000078 | RE | 13.10.2005 | | | 1.160,00- | EUR | | |
| 15 | Tiedemeier Entsorgung GmbH | Westendstraße | Berlin | 11576 | 1000 | (do not change!) | * | | | | | | | 1.771,51- | EUR | | |
| 10 | Dupont de la Rivière | rue des fleuves | Paris | 75000 | 2200 | France | | 19000000032003 | 1900000003 | KR | 30.04.2003 | | | 1.100,00- | EUR | | |
| 10 | Dupont de la Rivière | rue des fleuves | Paris | 75000 | 2200 | France | | 19000000042003 | 1900000004 | KR | 27.05.2003 | | | 2.000,00- | EUR | | |
| 10 | Dupont de la Rivière | rue des fleuves | Paris | 75000 | 2200 | France | | 19000000052003 | 1900000005 | KR | 06.10.2003 | | | 1.000,00- | EUR | | |
| 10 | Dupont de la Rivière | rue des fleuves | Paris | 75000 | 2200 | France | | 19000000052003 | 1900000006 | KR | 06.10.2003 | | | 1.000,00- | EUR | | |
| 10 | Dupont de la Rivière | rue des fleuves | Paris | 75000 | 2200 | France | * | | | | | | | 5.100,00- | EUR | | |
| 5 | Safety Clean Inc. | Desoto Road | New York | 73693 | 3000 | USA | | | 5100000002 | RE | 11.08.2006 | | | 250,00- | USD | | |

Schedule SAP-based workflows and / or publish workflows as apps on Alteryx Gallery

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## ALTERYX GALLERY

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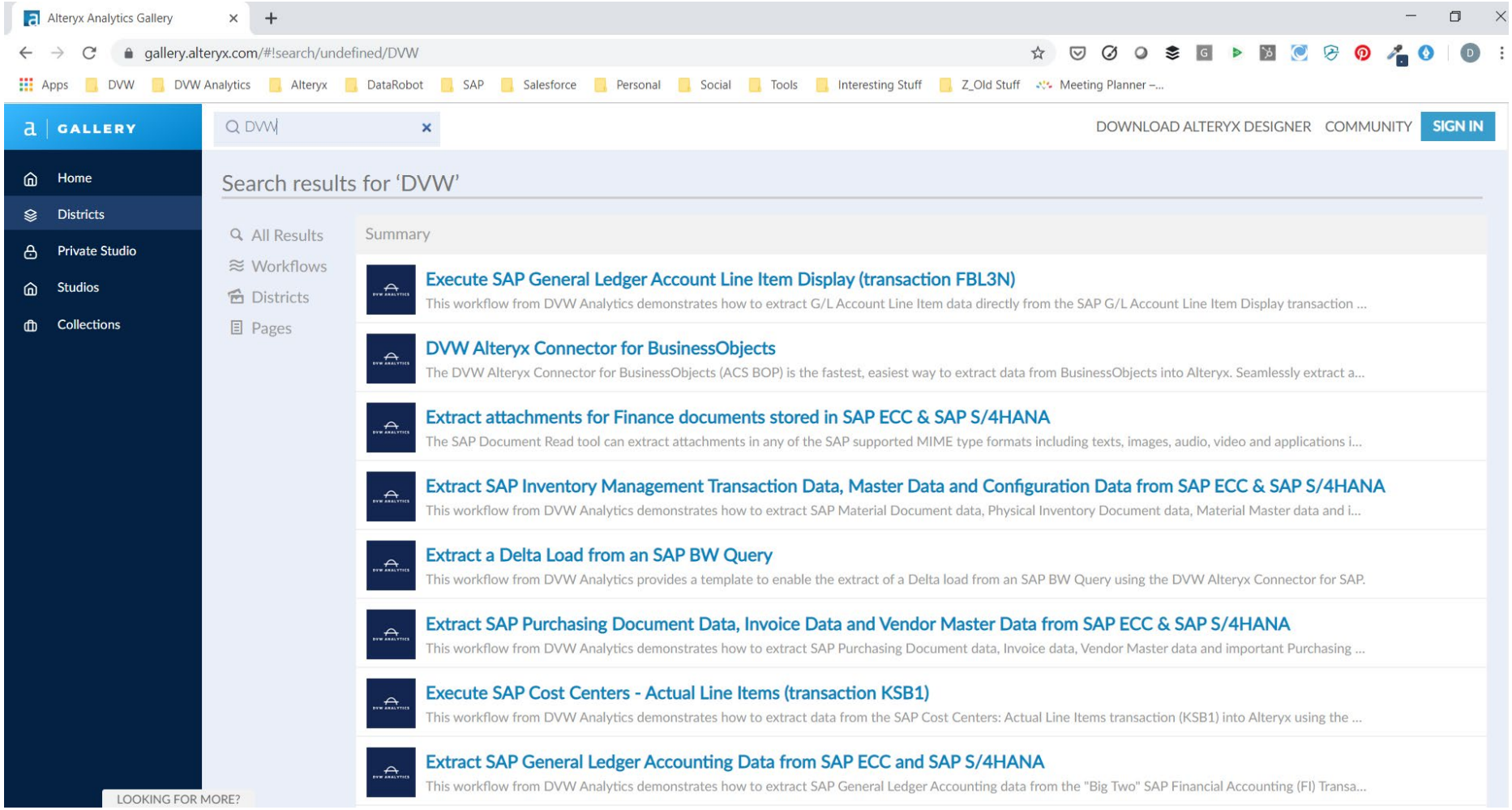
# 50+ SAMPLE WORKFLOWS ON ALTERYX GALLERY

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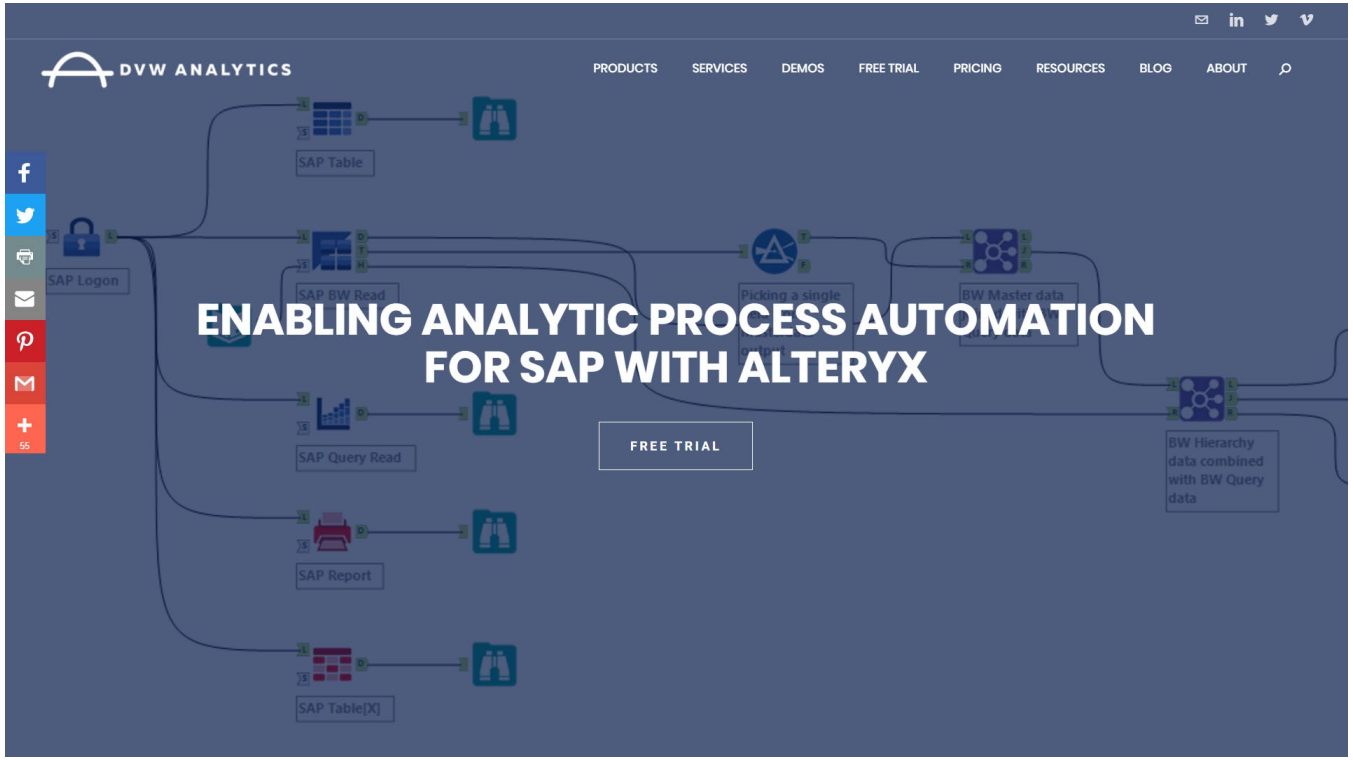


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