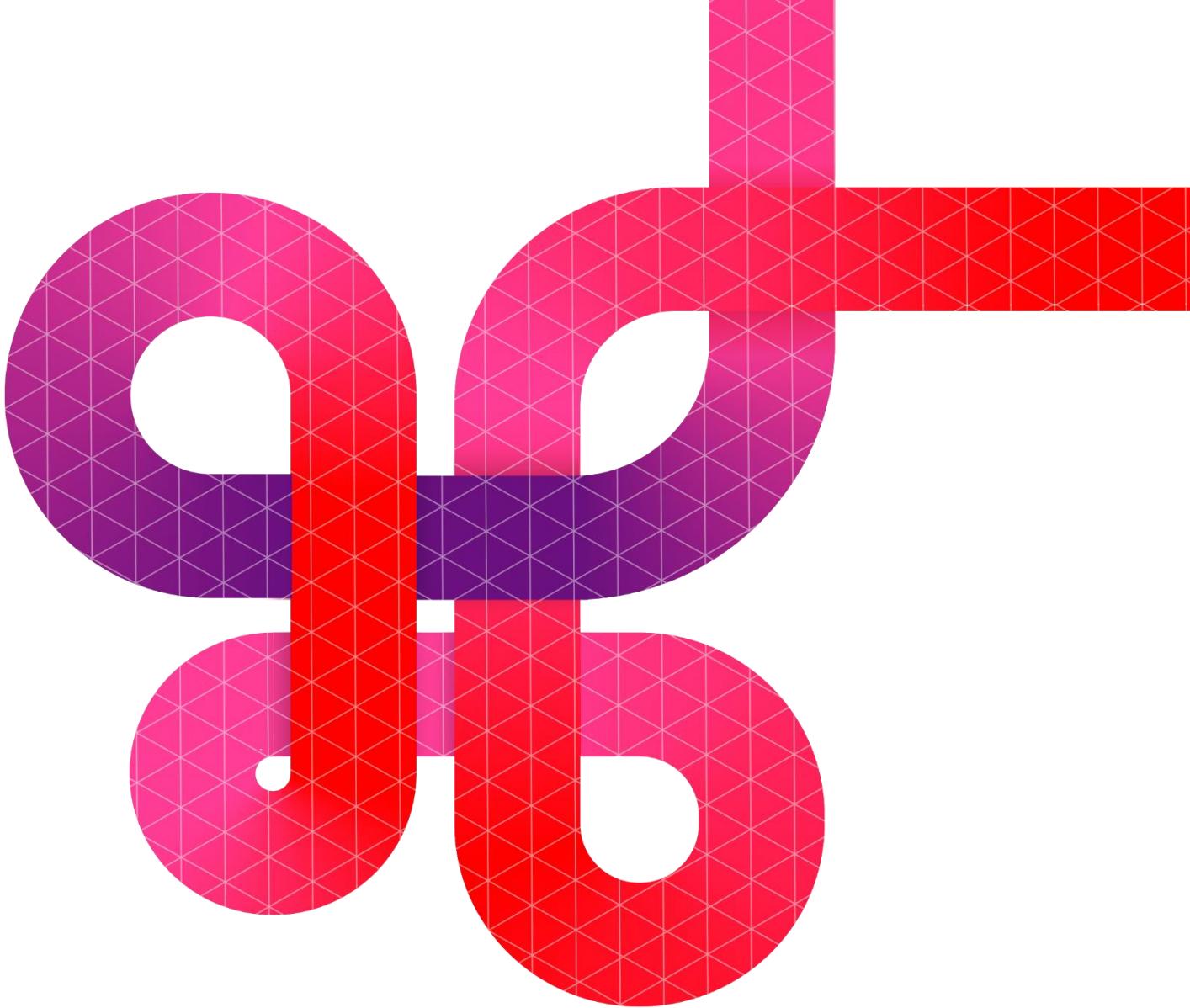




# Celonis Academy– Online Training

## Analysis Building Basics



[celonis.com](https://celonis.com)

# Learning Objectives

## Analysis Building Basics

- Building analyses **from scratch**
- Customize **existing analyses**
- Add **Process Visualization**
- Create and format **charts and tables**
- Configure **additional analysis components**



Order date	01.11.2018	
Purchase Order	1100	
Vendor Number	12345	
Currency	USD	
Item No.	Quantity	Price
1 Pencils	20	20 \$
2 Envelopes	50	100 \$
3 Office Chair	5	950 \$

1:n

**PURCHASING DOCUMENT HEADER [EKKO]**

PO Number	Order Date	Vendor Number	Currency
1100	01.11.2018	12345	USD
...			

**PURCHASING DOCUMENT ITEM [EKPO]**

PO Number	Item No.	Quantity	Price
1100	1	20	20 \$
1100	2	50	100 \$
1100	3	5	950 \$
...			

For a great overview on SAP tables and  
their descriptions, go to

<http://www.leanx.eu/en/sap/table/search>

### Purchasing Document Item [EKPO]

- Which purchase order items have been created?
- Contains one row for each purchase order item.

**Primary key:**

- Client (MANDT)
- PO Number (EBELN)
- PO Item Number (EBELP)

**Important fields:**

- Material Number (MATNR)
- Quantity (MENGE)
- Net Price (NETPR)
- Company Code (BUKRS)
- Plant (WERKS)
- Net Order Value (NETWR)
- PR Number (BANFN)
- PR Item Number (BNFPO)
- Material Group (MATKL)

### Purchasing Document Header [EKKO]

- Which purchase order have been created?
- Contains one row for each purchase order.

**Primary key:**

- Client (MANDT)
- PO Number (EBELN)

**Important fields:**

- Purchasing Org. (EKORG)
- Purchasing Group (EKGRP)
- PO Category (BSTYP)
- Company Code (BUKRS)
- PO Type (BSART)
- Vendor Number (LIFNR)
- Currency (WAERS)

**Important timestamps:**

- Creation Date (AEDAT)

### Vendor Master (General) [LFA1]

- Which suppliers are being used?
- Contains one row for each vendor.

**Primary key:**

- Client (MANDT)
- Vendor Number (LIFNR)

**Important fields:**

- Name (NAME1)
- City (ORT01)
- Country Key (LAND1)

Activity Table		
Case key	Activity	Event time
45100759750001	Create Purchase Requisition Item	2015-07-23 12:34:58
45100759750001	Create Purchase Order Item	2015-07-24 13:12:17
45100759750001	Receive Goods	2015-08-18 08:14:21
45100759750001	Receive Invoice	2015-08-20 12:12:19
45100759750001	Pay Invoice	2015-09-02 04:34:55
4523472635001 2	Create Purchase Order Item	2015-08-10 11:10:02
4523472635001 2	Change Price	2015-08-10 11:34:21
4523472635001 2	Receive Goods	2015-09-11 19:41:43
...	...	...

Vendor Master [LFA1]			
Vendor number	Vendor name	City	...
544782	Reihl & Müller	Leipzig	
447962	Snyder Inc.	Milwaukee	
...	...	...	

 Foreign Key

Purchasing Document Header [EKKO]		
PO number	Currency	Vendor number
4510075975	10	255541
4510075975	17	685456
4523472635	...	...

 Foreign Key

Purchasing Document Item [EKPO]			
Case key	PO number	Purchase quantity	Material number
45100759750001	4510075975	10	255541
45100759750002	4510075975	17	685456
45234726350012	4523472635	...	...

 Foreign Key



# Case Count

Case Count =

