

# Business Central Introduction Dimensions

(ERP=Microsoft Dynamics 365 Business Central)

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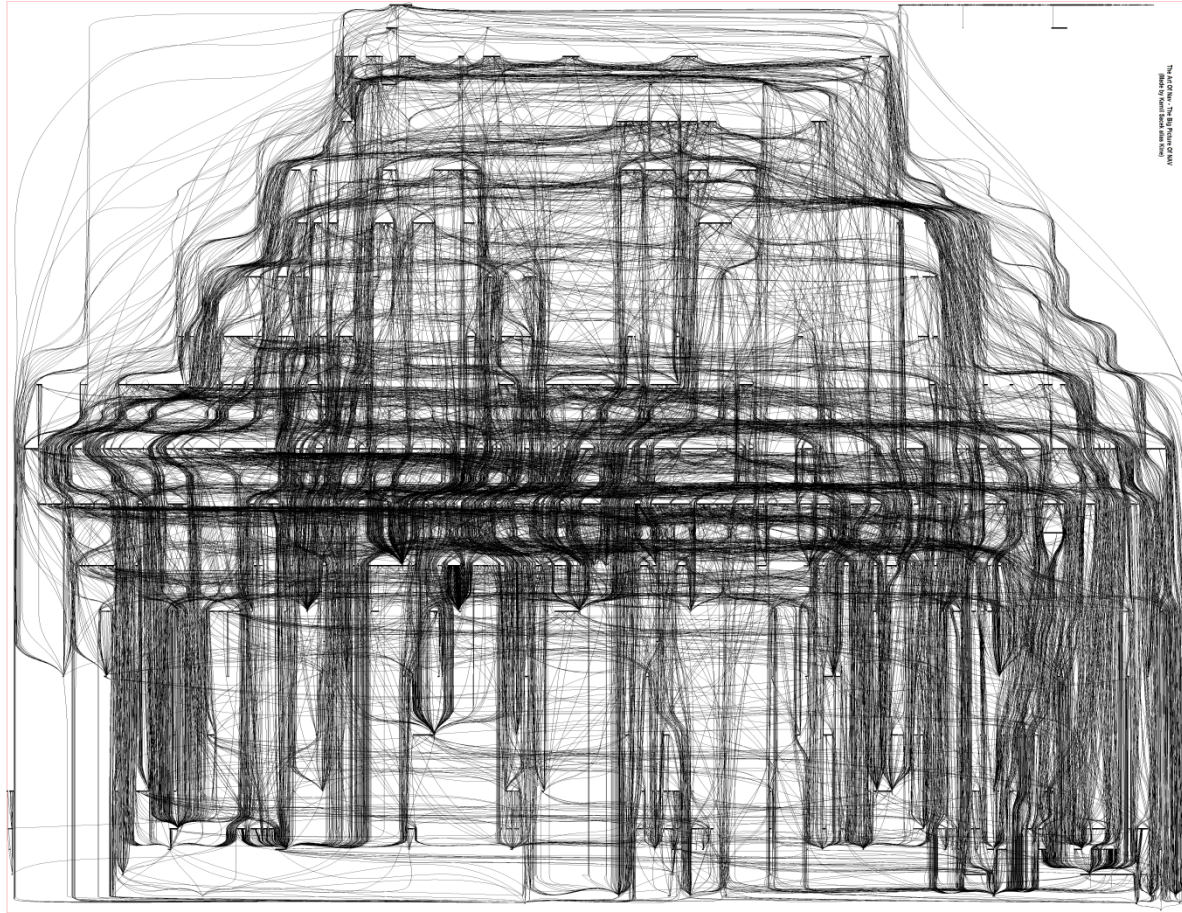
# Business Intelligence

- Processing large volumes of data so that the result of this action helps managers to make decisions in process management
- The result of the processing must be relevant information that managers receive at the right time
- The primary source of data that is often stored in data warehouses is ERP systems (relational DB)
- Information retrieval as a result of structured queries must be fast (short response time)
- Used for management at the strategic, tactical, and operational level

# Limitations of ERP as a data provider

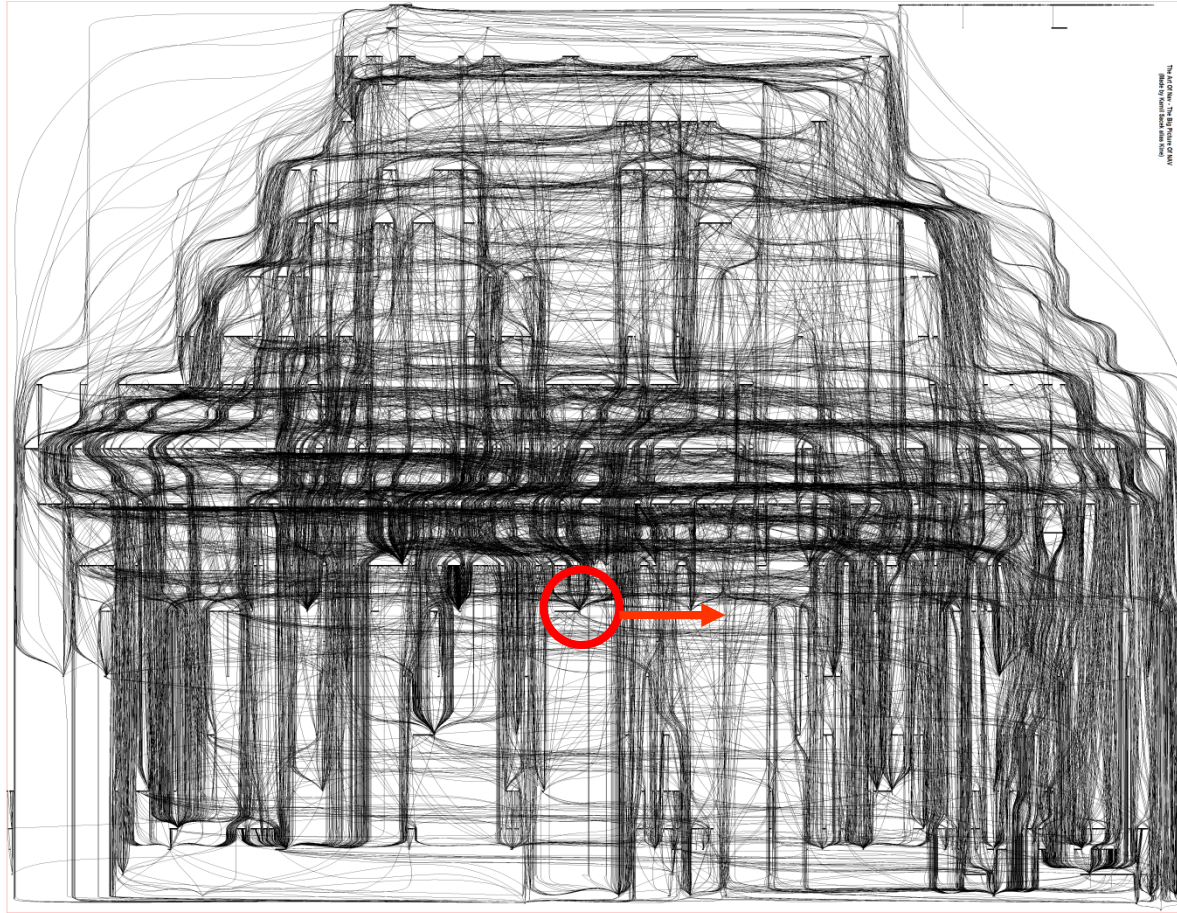
- They do not allow quick and flexible changes to the selection criteria
- No immediate user access to large volumes of aggregated data
- The volume of data doubles every five years in every enterprise, which of course also means that the system is overwhelmed with redundant data
- Dimensions are values that categorize entries so you can track and analyze them on documents, such as sales orders. Dimensions can, for example, indicate the project or department an entry came from.
- So, instead of setting up separate general ledger accounts for each department and project, you can use dimensions as a basis for analysis and avoid having to create a **complicated chart of accounts.**
-

# Relations among tables I

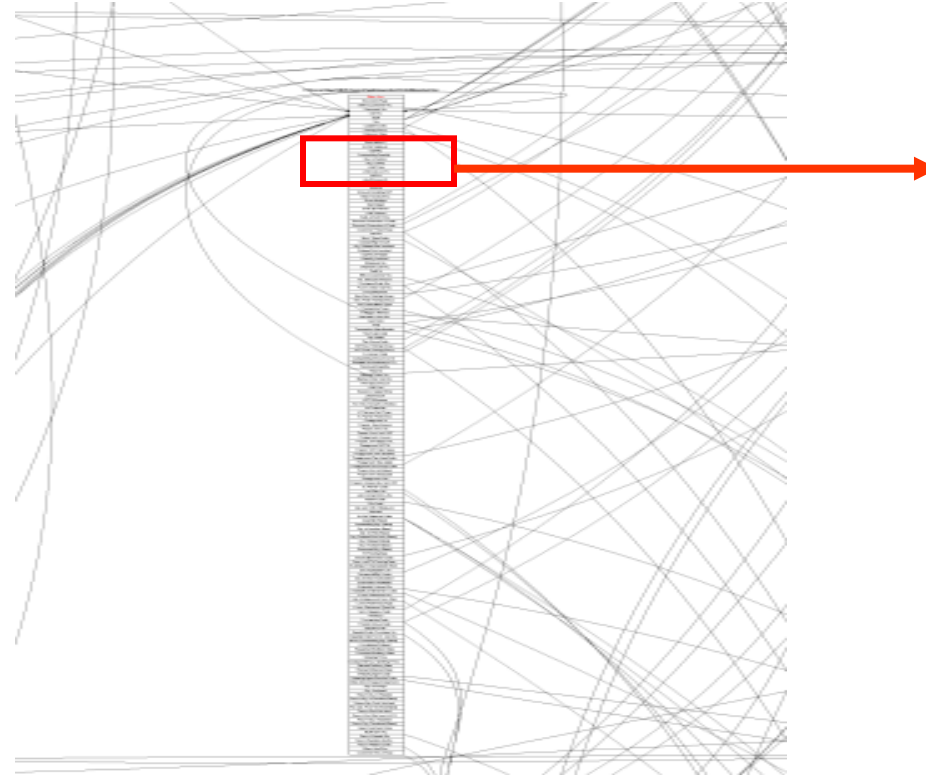




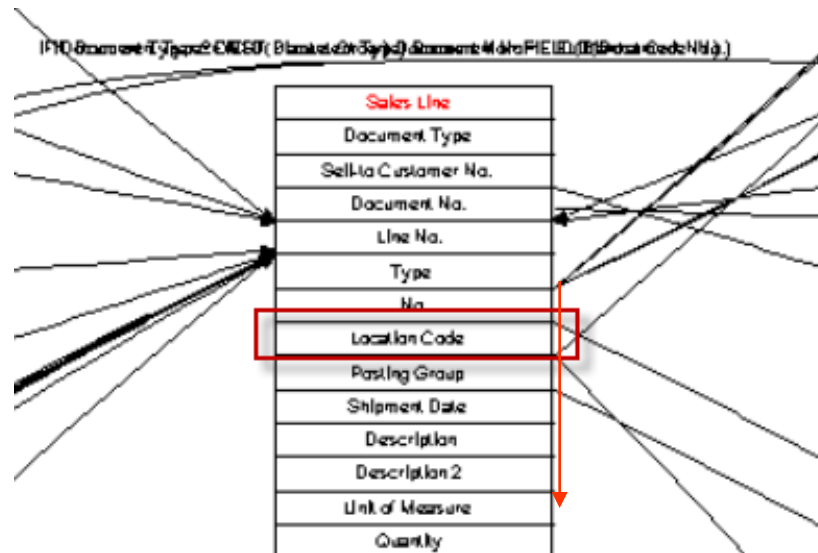
# Relations among tables II



# One table and its relations I



# One table (Sales Line) and its relations II



ERP NAV (very similar to Business Central)

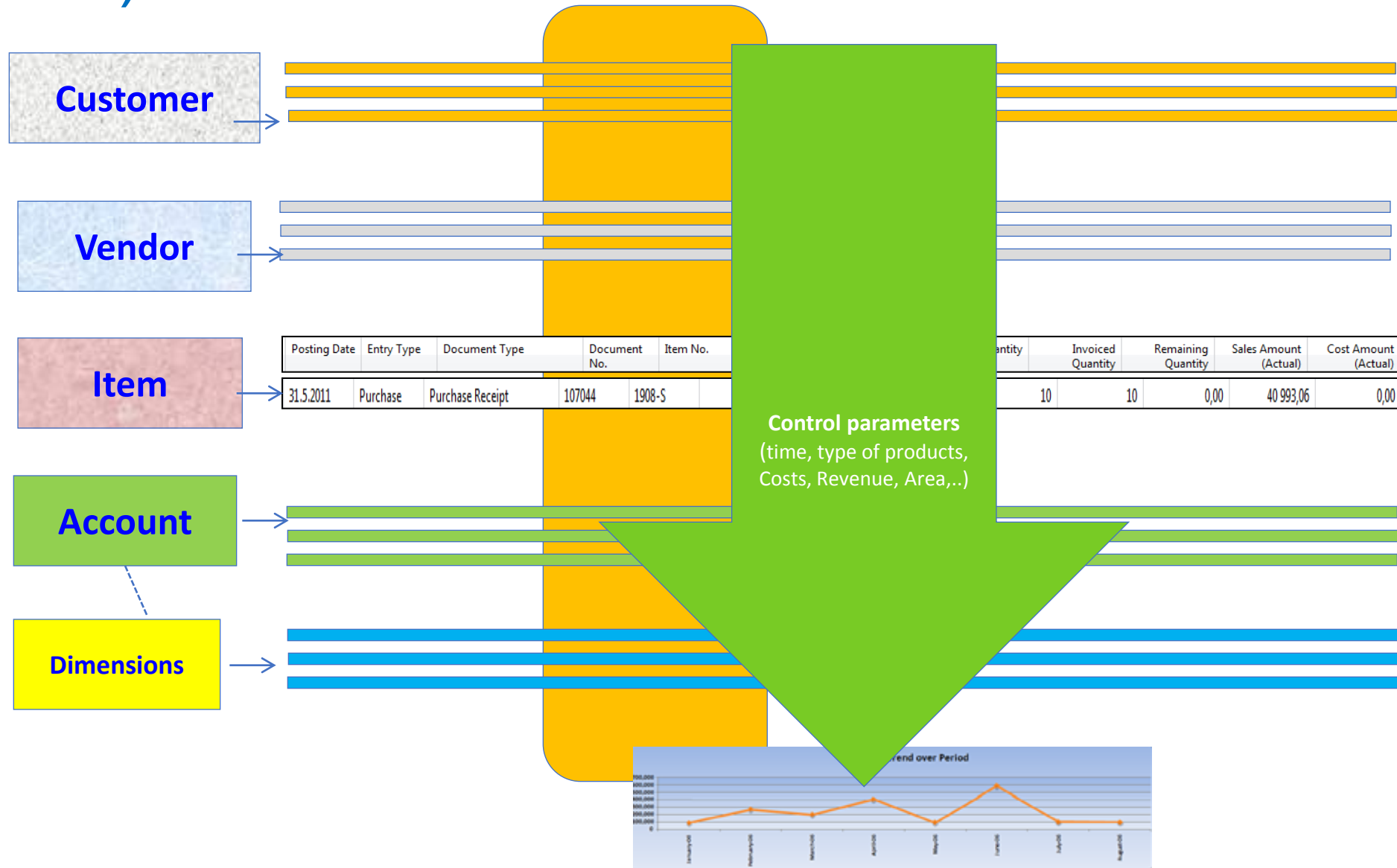
Type	No.	Purch... Code	Drop Shipment	Description	Location Code	Quantity	Reserved Quantity	L
Item	1980-S		<input type="checkbox"/>	MOSCOW Swivel Chair, red	ZELENÝ	6		k ^

Item Information

- Item Card (1)
- Availability (8)
- Substitutions (1)
- Sales Prices (0)
- Sales Line Dis... (1)

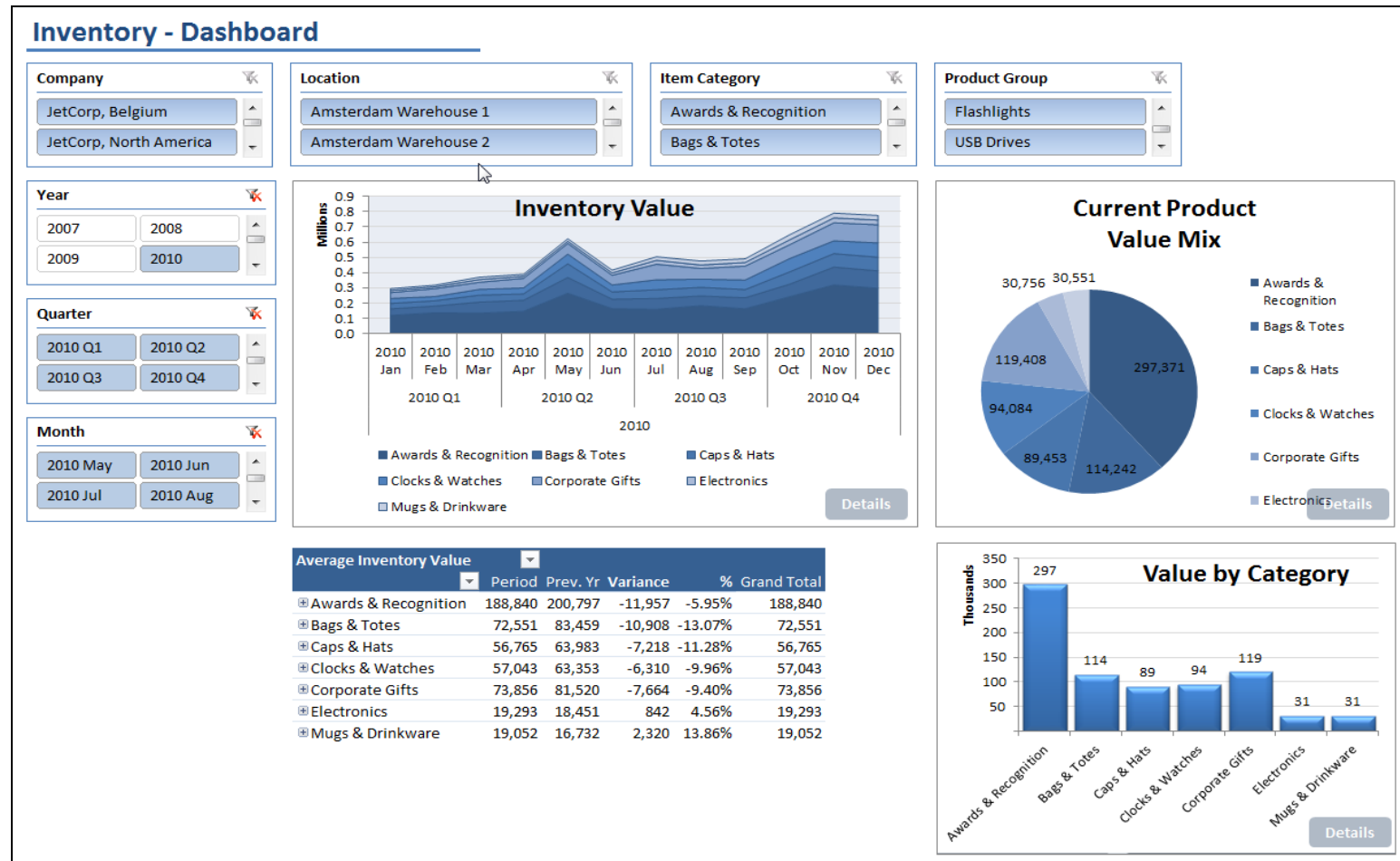
Order Line Functions Posting Print Help

# Main principles (source tables and their entries)



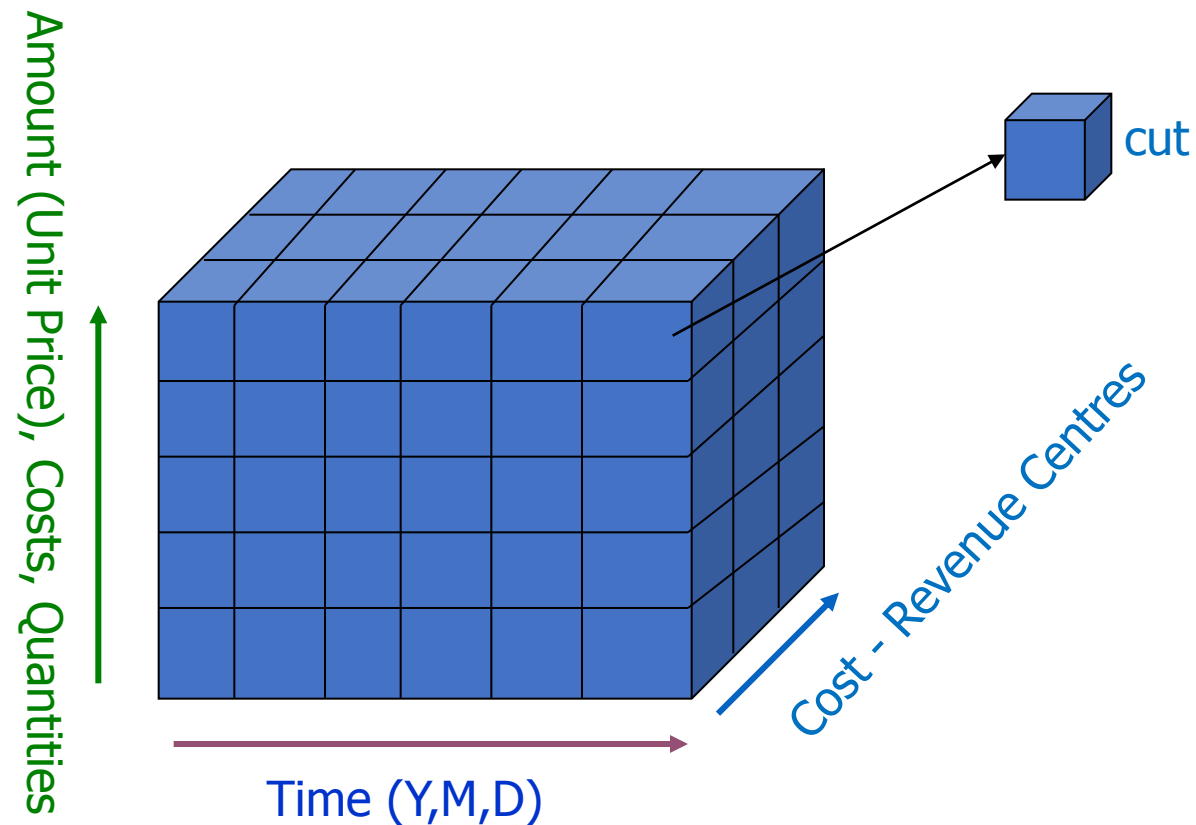


# Some chosen analysis

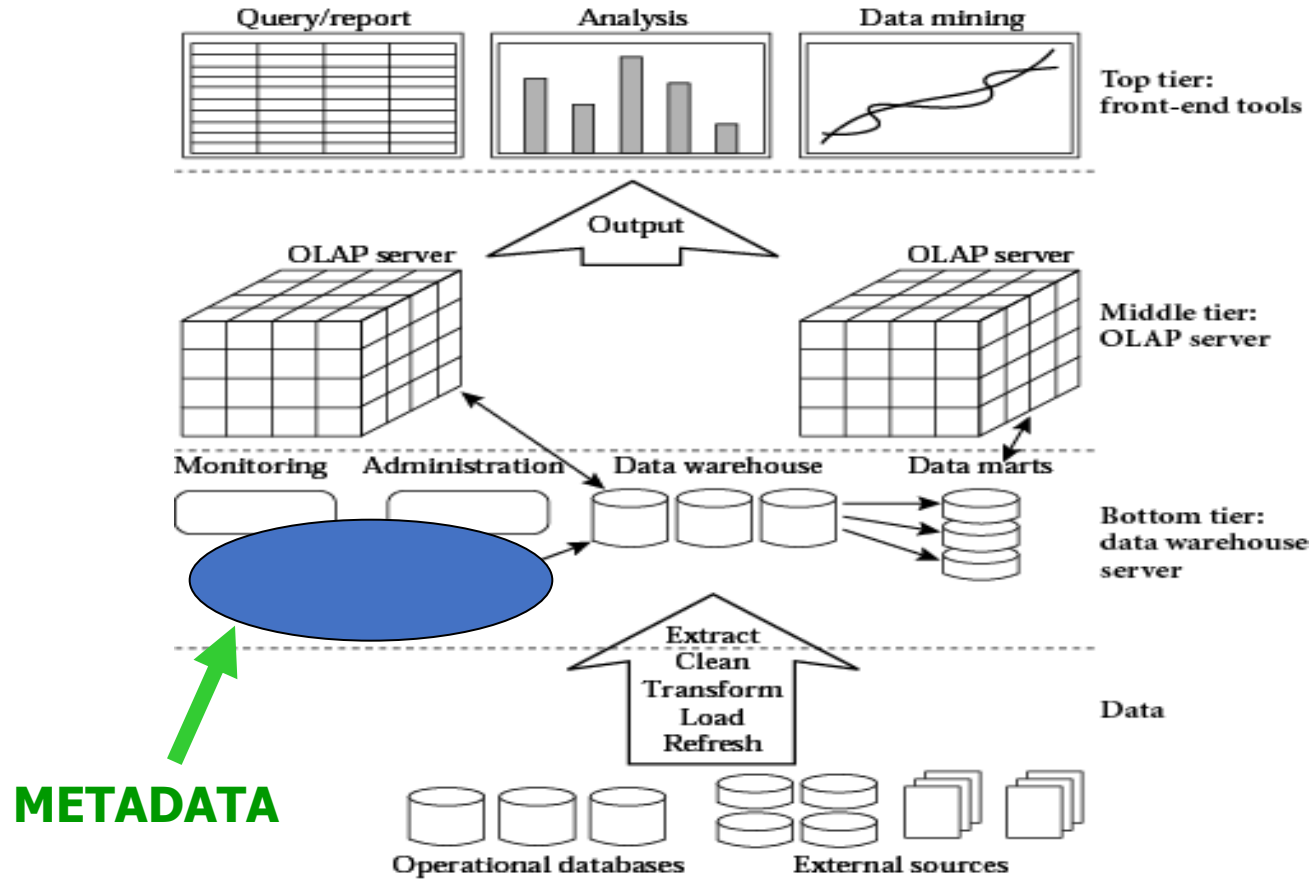


# OLAP cube -adhoc definition of queries

- [http://www.databaseanswers.org/designing\\_olap\\_cubes.htm](http://www.databaseanswers.org/designing_olap_cubes.htm)



# OLAP architecture



# Dimensions –global and shortcut

General Ledger Setup

General | Posting | VAT | Bank | Journal Templates | More options

**General** Show more

Allow Posting From	<input type="text"/>	Unit-Amount Decimal	<input type="text" value="2:5"/>
Allow Posting To	<input type="text"/>	Mark Cr. Memos as C...	<input checked="" type="checkbox"/>
Local Address Format	<input type="text" value="Post Code+City"/>	LCY Code	<input type="text" value="GBP"/>
Inv. Rounding Preciso...	<input type="text" value="0,01"/>	Local Currency Symbol	<input type="text" value="£"/>
Inv. Rounding Type (L...	<input type="text" value="Nearest"/>	Local Currency Descri...	<input type="text" value="Pound Sterling"/>
Amount Rounding Pr...	<input type="text" value="0,01"/>	Tax Invoice Renaming ...	<input type="text" value="0,00"/>
Amount Decimal Plac...	<input type="text" value="2:2"/>	VAT Rounding Type	<input type="text" value="Nearest"/>
Unit-Amount Roundin...	<input type="text" value="0,00001"/>	Bank Account Nos.	<input type="text" value="BANK"/>

**Dimensions** Show more

Global Dimension 1 C...	<input type="text" value="DEPARTMENT"/>	Global Dimension 2 C...	<input type="text" value="PROJECT"/>
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**Global dimenions codes**  
*these are*  
*always part of the entries*

# Global and Shortcut dimensions and entries

## General Ledger Setup

Process | Posting | General | VAT | Bank | Journal Templates | More options

Amount Rounding Pr... ·  Bank Account Nos. · · · · ·  ▾

### Dimensions Show less

Global Dimension 1 C... · <input type="text" value="DEPARTMENT"/>	Shortcut Dimension 4... · <input type="text" value="AREA"/> ▾
Global Dimension 2 C... · <input type="text" value="PROJECT"/>	Shortcut Dimension 5... · <input type="text" value="BUSINESSGROUP"/> ▾
Shortcut Dimension 1... · <input type="text" value="DEPARTMENT"/>	Shortcut Dimension 6... · <input type="text" value="SALESCAMPAIGN"/> ▾
Shortcut Dimension 2... · <input type="text" value="PROJECT"/>	Shortcut Dimension 7... · <input type="text" value="FURNITURE"/> ▾
Shortcut Dimension 3... · <input type="text" value="CUSTOMERGROUP"/> ▾	Shortcut Dimension 8... · <input type="text" value=""/> ▾

# Global and Shortcut dimensions and entries

Posting Date ↓	Document Type	Document No.	Customer No. ↓	Description	Department Code	Project Code
→ 2023/10/17	Payment	G00083	10000	The Cannon Group PLC	SALES	
2023/10/17	Invoice	103257	10000	Order 1342	SALES	

Global dimension

Department Code  
Project Code

10000 · The Cannon Group PLC | Work Date: 2023/10/17

Dimension Code ↑	Dimension Value Code	Dimension Value Name
AREA	30	Europe North (EU)
CUSTOMERGROUP	MEDIUM	Medium Business
DEPARTMENT	SALES	Sales
SALESPERSON	PS	Peter Sadow

Local dimensions

Local dimension



# Dimensions (cost centers, income centers)

The screenshot displays the 'DIMENSIONS | WORK DATE: 09.02.2020' interface. At the top, there is a navigation bar with a back arrow, a search icon, and buttons for '+ New', 'Edit List', 'Delete', 'Dimension', 'Show Attached', and 'Open in Excel'. Below this is a table with the following columns: CODE, NAME, CODE CAPTION, and FILTER CAPTION. The 'AREA' row is highlighted in light blue. A blue arrow points from the 'Dimension' button in the top bar to the 'Dimension' button in the detailed view below.

CODE	NAME	CODE CAPTION	FILTER CAPTION
AREA	Area	Area Code	Area Filter
BUSINESSG...	Business Group	Businessgroup Code	Businessgroup Filter
CUSTOMER...	Customer Group	Customergroup Code	Customergroup Filter
DEPARTME...	Department	Department Code	Department Filter
PROJECT	Project	Project Code	Project Filter
PURCHASER	Purchaser	Purchaser Code	Purchaser Filter
SALESCAMP...	Sales campaign	Salescampaign Code	Salescampaign Filter
SALESPERS...	Salesperson	Salesperson Code	Salesperson Filter

The detailed view of the 'Dimension' menu shows the following options: Search, + New, Edit List, Delete, Dimension (highlighted with a red box), Show Attached, Dimension Values (highlighted with a red box), Account Type Default Dim., and Translations.

# Dimension values (we created here three new areas with values 91-93)

CODE	NAME	DIMENSION VALUE TYPE	TOTALING	BLO...
10	<b>Europe</b>	Begin-Total		<input type="checkbox"/>
91	Johannesburg	Standard		<input type="checkbox"/>
92	Durban	Standard		<input type="checkbox"/>
93	Cape Town	Standard		<input type="checkbox"/>
95	<b>SA, Total</b>	End-Total	90..95	<input type="checkbox"/>
20	⋮ <b>Europe North</b>	Begin-Total	...	<input type="checkbox"/>
30	Europe North (EU)	Standard		<input type="checkbox"/>
40	Europe North (Non EU)	Standard		<input type="checkbox"/>
45	<b>Europe North, Total</b>	End-Total	20..45	<input type="checkbox"/>
50	Europe South	Standard		<input type="checkbox"/>
55	<b>Europe, Total</b>	End-Total	10..55	<input type="checkbox"/>
60	<b>America</b>	Begin-Total		<input type="checkbox"/>
70	America North	Standard		<input type="checkbox"/>
80	America South	Standard		<input type="checkbox"/>
85	⋮ <b>America, Total</b>	End-Total	60..85	<input type="checkbox"/>
90	<b>South Africa</b>	Begin-Total		<input type="checkbox"/>
				<input type="checkbox"/>

⚡ Functions ▾

☰ Indent Dimension Values

ⓘ This function updates the indentation of all the dimension values for dimension AREA. All dimension values between a Begin-Total and the matching End-Total are indented by one level. The Totaling field for each End-Total is also updated.

Do you want to indent the dimension values?

# After dimension value indent-1st example

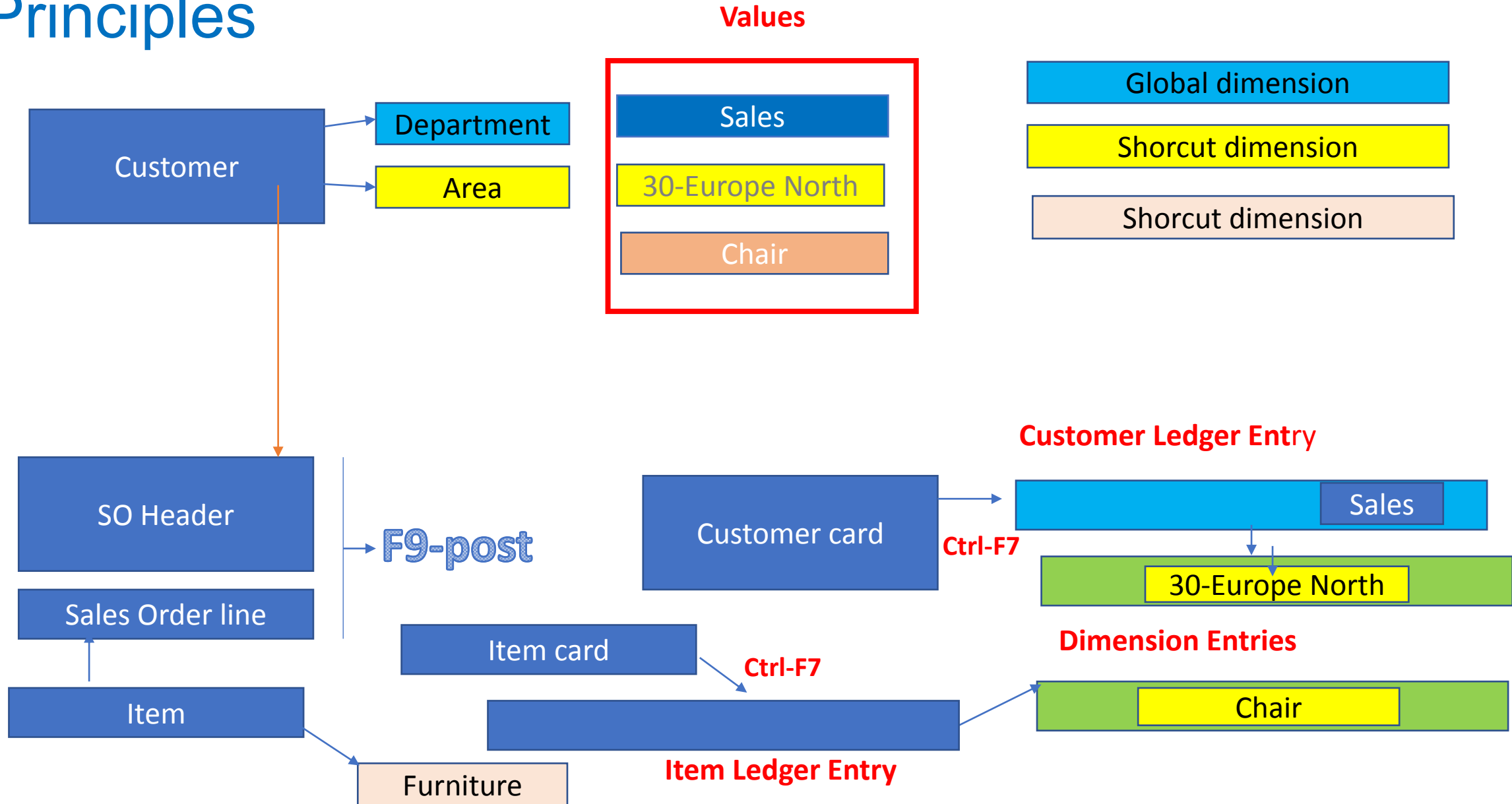
CODE		NAME	DIMENSION VALUE TYPE	TOTALING	BLO...
10		<b>Europe</b>	Begin-Total		<input type="checkbox"/>
20		<b>Europe North</b>	Begin-Total		<input type="checkbox"/>
30		Europe North (EU)	Standard		<input type="checkbox"/>
40		Europe North (Non EU)	Standard		<input type="checkbox"/>
45		<b>Europe North, Total</b>	End-Total	20..45	<input type="checkbox"/>
50		Europe South	Standard		<input type="checkbox"/>
55		<b>Europe, Total</b>	End-Total	10..55	<input type="checkbox"/>
60		<b>America</b>	Begin-Total		<input type="checkbox"/>
70		America North	Standard		<input type="checkbox"/>
80		America South	Standard		<input type="checkbox"/>
85		<b>America, Total</b>	End-Total	60..85	<input type="checkbox"/>
90		<b>South Africa</b>	Begin-Total		<input type="checkbox"/>
91	:	Johannesburg	Standard	...	<input type="checkbox"/>
92		Durban	Standard	90..95	<input type="checkbox"/>
93		Cape Town	Standard		<input type="checkbox"/>
95	:	<b>SA, Total</b>	End-Total	90..95	<input type="checkbox"/>
					<input type="checkbox"/>

These dimensions  
might be used  
in our examples

# After dimension value indent-2nd example

Code	Name	Dimension Value Type	Totaling
<b>10</b>	<b>Europe</b>	Begin-Total	
<b>20</b>	<b>Europe North</b>	Begin-Total	
30	Europe North (EU)	Standard	
40	Europe North (Non EU)	Standard	
<b>45</b>	<b>Europe North, Total</b>	End-Total	20..45
<b>46</b>	<b>Europe South</b>	Begin-Total	
50	Europe South	Standard	
<b>55</b>	<b>Europe, Total</b>	End-Total	46..55
<b>56</b>	<b>Europe South, Total</b>	End-Total	10..56
<b>60</b>	<b>America</b>	Begin-Total	
70	America North	Standard	
80	America South	Standard	
<b>85</b>	<b>America, Total</b>	End-Total	60..85
<b>90</b>	<b>South Africa</b>	Begin-Total	
95	Joburg	Standard	
→ 96	: Durban	Standard	
<b>97</b>	<b>SA, Total</b>	End-Total	90..97

# Principles



# Dimension combinations

Work Date: 2023/01/31 ✓ Saved

Dimension Combinations

◀ Previous Set   ◀ Previous Column   ▶ Next Column   ▶▶ Next Set

**General**

Show Column Name

Dimension Combinations Matrix | Manage 🔗 📄

Code ↑	Name	AREA	BUSINESSGROUP	CUSTOMERGROUP	DEPARTMENT	PROJECT	PURCHASER	SALESCAMPAIGN
→ AREA	Area	-	-	-	-	-	-	-
BUSINESSG...	Business Group	-	-	Limited	-	-	-	Limited
CUSTOMER...	Customer Group	-	Limited	-	-	Blocked	-	-
DEPARTME...	Department	-	-	Blocked	-	-	-	-
PROJECT	Project	-	-	-	-	-	-	-
PURCHASER	Purchaser	-	-	-	-	-	-	-
SALESCAM...	Sales campaign	-	Limited	-	-	-	-	-
SALESPERS...	Salesperson	-	-	-	-	-	-	-

A **blocked dimension** combination means you cannot post both dimensions on the same entry regardless of what the dimension values are.

In contrast, a **limited dimension** combination means you can post both dimensions to the same entry, but only for certain combinations of dimension values.



# Dimension combination

Field	Description
No limitation	This dimension combination has no restrictions. All dimensions values are allowed.
Limited	This dimension combination has restrictions depending on which dimension values that you enter. You must define the limitations on the <b>Dimension Value Combination</b> page.
Blocked	This dimension combination is not allowed.

# Dimension combination

Work Date: 2023/01/31 ✓ Saved

## Dimension Combinations

◀ Previous Set   ◀ Previous Column   ▶ Next Column   ▶▶ Next Set

### General

Show Column Name

**Dimension Combinations Matrix** | Manage 🔗 📄




Code ↑	Name	AREA	BUSINESSGROUP	CUSTOMERGROUP	DEPARTMENT	PROJECT	PURCHASER	SALESCAMPAIGN
→ AREA	Area	-	-	-	-	-	-	-
BUSINESSG...	Business Group	-	Limited	Limited	-	-	-	Limited
CUSTOMER...	Customer Group	-	Limited	-	-	Blocked	-	-
DEPARTME...	Department	-	-	-	-	-	-	-
PROJECT	Project	-	-	Blocked	-	-	-	-
PURCHASER	Purchaser	-	-	-	-	-	-	-
SALESCAM...	Sales campaign	-	Limited	-	-	-	-	-
SALESPERS...	Salesperson	-	-	-	-	-	-	-






🔍 Do you want to see the list of values?

# Dimension combination

Dimension Value Combinations Matrix		Manage			
Code ↑	Name	HOME	INDUSTRIAL	INTERCOMPANY	
→ <u>INSTITUTION</u>	⋮ Institution	Blocked	–	–	
INTERCOMPANY	Intercompany Customers	–	–	–	
LARGE	Large Business	–	–	–	
MEDIUM	Medium Business	–	–	–	
PRIVATE	Private	–	–	–	
SMALL	Small Business	–	–	–	




# New dimensions for furniture




← Dimensions | Work Date: 2023/01/31 ✓ Saved   





+ New  Edit List  Delete Dimension | More options   

Code ↑	Name	Code Caption	Filter Caption	Description
→ AREA	Area	Area Code	Area Filter	
BUSINESSGROUP	Business Group	Businessgroup Code	Businessgroup Filter	
CUSTOMERGROUP	Customer Group	Customergroup Code	Customergroup Filter	
DEPARTMENT	Department	Department Code	Department Filter	
PROJECT	Project	Project Code	Project Filter	
PURCHASER	Purchaser	Purchaser Code	Purchaser Filter	
SALESCAMPAIGN	Sales campaign	Salescampaign Code	Salescampaign Filter	
SALESPERSON	Salesperson	Salesperson Code	Salesperson Filter	

# New dimensions for furniture

← Dimensions | Work Date: 2023/01/31 ✓ Saved   

Search + New **Edit List** Delete Dimension More options   





**Dimension Values**  Account Type Default Dim.  Allowed Dimension Values per Account  Translations 

→ FURNITURE	Furniture	Furniture Code	Furniture Filter		
AREA	Area	Area Code	Area Filter		
BUSINESSGROUP	Business Group	Businessgroup Code	Businessgroup Filter		
CUSTOMERGROUP	Customer Group	Customergroup Code	Customergroup Filter		
DEPARTMENT	Department	Department Code	Department Filter		
PROJECT	Project	Project Code	Project Filter		
PURCHASER	Purchaser	Purchaser Code	Purchaser Filter		
SALESCAMPAIGN	Sales campaign	Salescampaign Code	Salescampaign Filter		
SALESPERSON	Salesperson	Salesperson Code	Salesperson Filter		

# New dimensions for furniture

FURNITURE · Furniture | Work Date: 2023/01/31

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Dimension Values |  Search  New  Edit List  Delete

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	Code		Name	Dimension Value Type
	CHAIRE		CHAIRE	Standard
	TABLE		Table	Standard
→	CUPBOARD		CUPBOARD	Standard



# New dimensions for furniture

Dynamics 365 Business Central

CRONUS International Ltd. | Sales ▾ | Purchasing ▾ | **Inventory** ▾ | Posted Documents ▾

**Items** | Item Charges | Item Tracking | Phys. Inventory Journals | Drop Shipments  
Item Journals | Item Attributes | Item Reclassification Journals | Assembly Orders | Locations

No. ↑ ▾	Description	Type	Inventory	Costing Method	Substitutes Exist	Assem... BOM
<a href="#">1936-S</a>	BERLIN Guest Chair, yellow	Inventory	106	FIFO	No	No

Item card

Dimension assignment

# Dimension value to item card

The screenshot shows the SAP Item Card interface for the item '1936-S · BERLIN Guest Chair, yellow'. The work date is 2023/01/31. The item name is highlighted with a red box. A red arrow points from the item name to the 'Related' link in the 'Actions' menu, which is also highlighted with a red box. The 'Item' menu is open, showing 'Dimensions' and 'Item References' as options, with 'Dimensions' highlighted by a red box. The 'Dimensions' table below shows the value '1936-S' for the 'No.' field and 'BERLIN Guest Chair, yellow' for the 'Description' field.

Item Card | Work Date: 2023/01/31

1936-S · BERLIN Guest Chair, yellow

Process Item Prices & Discounts Request Approval Actions Related Fewer options

History Item Availability Purchases Sales Bill of Materials

Dimensions

Item References


No. ....	1936-S
Description .....	BERLIN Guest Chair, yellow

# Dimension for our item card setup

Item 1936-S | Work Date: 2023/01/31


Default Dimensions | Search + New Edit List Delete

Dimension Code ↑	Dimension Value Code	Value Posting	Allowed Values Filter
→ FURNITURE	CHAIRE		



**Code Mandatory** - when posting (before posting,) it is necessary to select a dimension value appropriate to the specific business case (e.g.when you create Sales Order)

**Same Code** - you must have a pre-selected preset value . This value is always the same. So, for example, CUSTOMERGROUP cannot be other than MEDIUM.



Dimension Code ↑	Dimension Value Code	Value Posting
AREA	30	Code Mandatory
BUSINESSGROUP	HOME	Same Code
CUSTOMERGROUP	MEDIUM	Same Code
DEPARTMENT	SALES	

# Customer card and dimensions

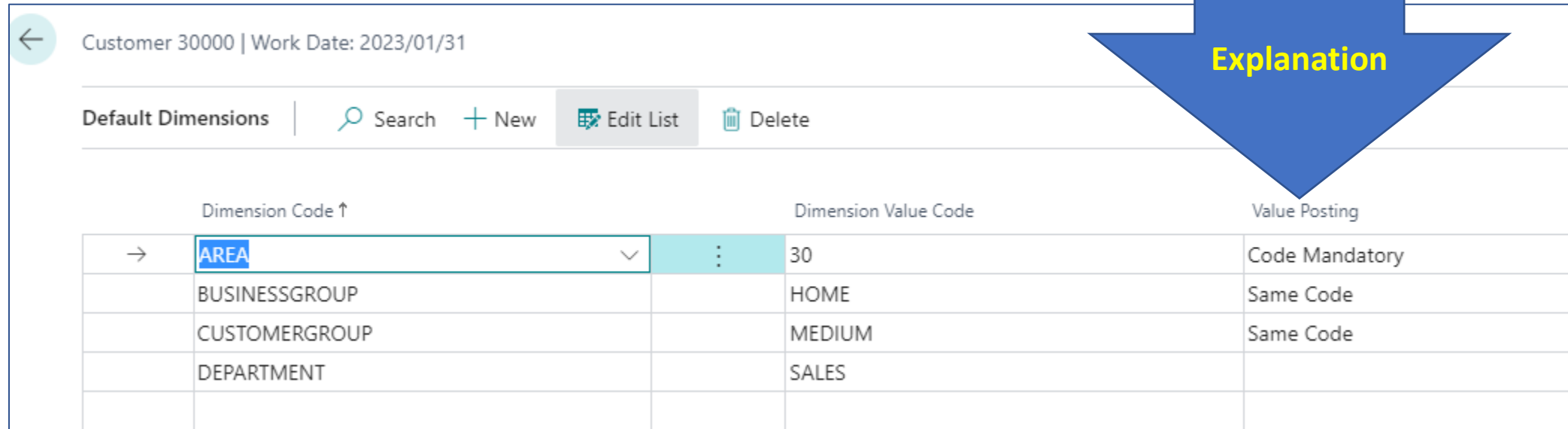
The screenshot shows a software interface for a customer card. At the top, the text "30000 · John Haddock Insurance Co." is displayed within a red rectangular box. Below this, a navigation bar includes "New Document", "Request Approval", "Prices & Discounts", "Navigate", "Customer", "Actions", "Related" (highlighted with a red box), "Reports", and "Fewer options". A dropdown menu is open under "Customer", showing "Customer" (highlighted with a red box), "History", "Prices and Discounts", "Sales", "Documents", and "Service". The "Dimensions" option is also highlighted with a red box and a red arrow pointing to it. Below the dropdown, there are input fields for "30000" and "John Haddock Insurance Co.", and labels for "Responsibility Center" and "Service Zone Code".

**OR use Customer icon - > Dimensions**

# Customer card and dimensions

See slide  
number 29

**Explanation**



Customer 30000 | Work Date: 2023/01/31

Default Dimensions | Search | + New | Edit List | Delete

Dimension Code ↑	Dimension Value Code	Value Posting
→ AREA	30	Code Mandatory
BUSINESSGROUP	HOME	Same Code
CUSTOMERGROUP	MEDIUM	Same Code
DEPARTMENT	SALES	

If you want to make a dimension **required**, but you do not want to assign a **default value** to the dimension, leave the **Dimension Value Code** field blank and then select **Code Mandatory** in the **Value Posting** field. Afterwards, however, the areas must be delivered manually

# Dimensions Value Posting statements

- If you want to require a dimension but don't want to assign a default value to the dimension, leave the **Dimension Value Code** field blank, then select **Code Mandatory** in the **Value Posting** field.
- If an account is used in an **Adjust Exchange Rates** or **Post Inventory Cost to G/L batch job**, do not select Code Mandatory or Same Code. These batch jobs cannot use dimension codes.



# Sales Order and Dimensions

← Sales Order | Work Date: 2023/01/31 ✎ + 🗑

## 1049 · John Haddock Insurance Co.

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Process Release Posting Prepare Order Request Approval Print/Send Navigate | Actions Related Fewer options

### General Show more

No. .... 1049 ...	Sales Order Type Code ..... ▾
Customer Name ..... John Haddock Insurance Co. ...	Due Date ..... 2023/02/28 📅
Contact ..... Miss Patricia Doyle ...	Requested Delivery Date ..... 📅
Posting Date ..... 2023/01/31 📅	External Document No. ....
Order Date ..... 2023/01/31 📅	Status ..... <b>Open</b>

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Lines | Manage Line Order NVR CBL Service Fewer options 🔗 📄

Type	No.	Item Reference No.	Description	Line Discount Amount	Allow Invo... Disc.	Spe... Order	Drop Ship...	Location Code	Quantity	Appl.-to Item Entry	Qty. to Assem to Ot
→ Item	1936-5		BERLIN Guest Chair, yellow	0,00	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BLUE	1	0 ...	

# Dimensions in Sales Order Header

Sales Order | Work Date: 2023/01/31

1049 · John Haddock Insurance Co.

Process Release Posting Prepare Order Request Approval Print/Send Navigate Actions **Related** Fewer options

Order Documents Warehouse Prepayment History

Statistics

Customer

**Dimensions**

Approvals

Comments

Assembly Orders

Attachments

1049 ... Sales Order Type Code ...

John Haddock Insurance Co. ... Due Date ... 2023/02/28

Miss Patricia Doyle ... Requested Delivery Date ...

2023/01/31 ... External Document No. ...

2023/01/31 ... Status ... **Open**

Dimension Code ↑	Dimension Value Code	Dimension Value Name
→ AREA	30	Europe North (EU)
BUSINESSGROUP	INDUSTRIAL	Industrial
DEPARTMENT	SALES	Sales
SALESPERSON	JR	John Roberts

# Dimensions in Sales Order Lines

The screenshot displays a software interface for managing sales order lines. On the left, a 'General' tab is active, showing a list of options. The 'Dimensions' option is highlighted with a red box. A red arrow points to the 'Lines' tab, which is also highlighted. Below the 'Lines' tab, there are several menu items: 'Functions', 'Item Availability by', 'Related Information', and 'Service Functions'. The main area of the interface shows a table with three columns: 'Dimension Code ↑', 'Dimension Value Code', and 'Dimension Value Name'. The table contains the following data:

Dimension Code ↑	Dimension Value Code	Dimension Value Name
AREA	30	Europe North (EU)
BUSINESSGROUP	INDUSTRIAL	Industrial
DEPARTMENT	SALES	Sales
FURNITURE	CHAIRE	CHAIR:
→ SALESPERSON	:	John Roberts

# Created Customer Ledger entries

30000 - John Haddock Insurance Co. | Work Date: 2023/01/31

Customer Ledger Entries | Search | Edit List | Process | Line | **Entry** | Navigate | Actions | Related | Fewer options

Find entries... | Reminder/Fin. Charge Entries | Applied Entries | **Dimensions** | Set Dimension Filter... | Detailed Ledger Entries

Posting Date	Document Type	Document No.	Customer No.	Description	Department Code	Project Code	Currency Code	Original Amount	Amount	Amount (LCY)
→ 2023/01/16	Invoice	103031	30000	Invoice 1003	SALES			861,13	861,13	861,13
2023/01/23	Invoice	103003							5 999,40	5 999,40
2022/12/31	Invoice	00-7							6 167,75	76 167,75
2022/12/31	Invoice	00-4							3 852,33	33 852,33

### View - Cust. Ledger Entry 2820 - Dimension Set Entries

Search

Dimension Code ↑	Dimension Value Code	Dimension Value Name
<u>AREA</u>	<u>30</u>	Europe North (EU)
BUSINESSGROUP	HOME	Home
CUSTOMERGROUP	MEDIUM	Medium Business
DEPARTMENT	SALES	Sales
SALESPERSON	PS	Peter Sadow

# Created Item Ledger entries

← Item 1936-S BERLIN Guest Chair, yellow | Work Date: 2023/01/31

Item Ledger Entries | Search | Entry | Actions | **Related** | Fewer options

Entry ▾ Application ▾

- Dimensions**
- Set Dimension Filter...
- Value Entries

### View - Item Ledger Entry 481 - Dimension Set Entries

Search

Dimension Code ↑	Dimension Value Code	Dimension Value Name
AREA	30	Europe North (EU)
BUSINESSGROUP	INDUSTRIAL	Industrial
DEPARTMENT	SALES	Sales
<b>FURNITURE</b>	<b>CHAIR</b>	<b>CHAIR</b>
SALESPERSON	JR	John Roberts

-1	-1
5	5
-10	-10

# Another set of dimensions (see teacher database)

Dimensions | Work Date: 02.12.2027

Search + New Edit List Delete Dimension Actions Fewer options

Code ↑	Name	Code Caption	Filter Caption
→ AREA	Area	Area Code	Area Filter
BUSINESSGROUP	Business Group	Businessgroup Code	Businessgroup Filter
CUSTOMERGROUP	Customer Group	Customergroup Code	Customergroup Filter
DEPARTMENT	Department	Department Code	Department Filter
FURNITURE	Furniture	Furniture Code	Furniture Filter
FURNITURE 3	Furniture 3	Furniture 3 Code	Furniture 3 Filter
FURNITURE2	Furniture2	Furniture2 Code	Furniture2 Filter
POSTER	Poster	Poster Code	Poster Filter
PROJECT	Project	Project Code	Project Filter

Dimension Values Search + New Edit List

Code	Name
→ B&W	Black and White
COLOR	Color
MOVIE	Movie Poster
WATER-COLOR	Water Color picture

Dimension values

# Related items

**Item**
Show more

No.

Description

Blocked

Type

Base Unit of Measure

Item Category Code

Variant Mandatory if Exists

**Inventory**
Show more

Shelf No.

Inventory

Qty. on Purch. Order

Qty. on Prod. Order

Qty. on Component Lines

Qty. on Sales Order


Stockout Warning

Unit Volume

Over-Receipt Code

Details
Attachments (0)

**Picture**



**Marketing Text**

Edit

*Medusa Raft - 1: A Heart-Wrenching Tale of Survival and Despair This haunting image, titled "Medusa Raft - 1," depicts the aftermath of a tragic shipwreck off the African coast in July 1816. The French ship, whose name remains unknown, was carrying 157 ...*

**Item**
Show more

No.

Description

Blocked

Type

Base Unit of Measure

Item Category Code

Variant Mandatory if Exists

**Inventory**
Show more

Shelf No.

Inventory

Qty. on Purch. Order

Qty. on Prod. Order

Qty. on Component Lines

Qty. on Sales Order


Stockout Warning

Unit Volume

Over-Receipt Code

Details
Attachments (0)

**Picture**



**Marketing Text**

Edit

*Humpim H.Bogart, I.Bergman,*

Code	Name
B&W	Black and White
COLOR	Color
MOVIE	Movie Poster
WATER-COLOR	Water Color picture

# Analysis by Dimensions

sales ana

On current page (Customers)

- Sales Statistics  
View customers' total costs, s
- Sales Statistics  
View customers' total costs, s
- Customer/Item Sales  
View a list of item sales for ea

Go to Pages and Tasks

- Sales Analysis Line Templates
- Sales Analysis Column Templ

Go to Reports and Analysis

- Sales Analysis Views**
- Sales Analysis Reports
- Sales Cycle - Analysis

Sales Analysis Views | Search + New Manage Edit Analysis View Update ...

Code ↑	Name	Inclu... Budg...	Last Date Updated	Dimension 1 Code	Dimension 2 Code	Dimension 3 Code
<u>CUSTOMERS</u>	Customers	<input checked="" type="checkbox"/>	2023/02/16	.CUSTOMERGR...	FURNITURE	AREA
DEFAULT	Default analysis view	<input type="checkbox"/>	2022/06/13	SALESPERSON	CUSTOMERGR...	FURNITURE
FURNITURE	Furniture	<input type="checkbox"/>		DEPARTMENT	FURNITURE	CUSTOMERGR...
JB	JB	<input type="checkbox"/>		AREA	BUSINESSGRO...	CUSTOMERGR...
TEST	TEST	<input type="checkbox"/>	2022/06/13	FURNITURE		







# Analysis by Dimensions

Sales Analysis Views | Search + New Manage Edit Analysis View Update ...





Code ↑	Name	Inclu... Budg...	Last Date Updated	Dimension 1 Code	Dimension 2 Code	Dimension 3 Code
CUSTOMERS	Customers	<input checked="" type="checkbox"/>	2023/02/16	CUSTOMERGR...	FURNITURE	AREA
DEFAULT	Default analysis view	<input type="checkbox"/>	2022/06/13	SALESPERSON	CUSTOMERGR...	FURNITURE
FURNITURE	Furniture	<input type="checkbox"/>		DEPARTMENT	FURNITURE	CUSTOMERGR...
JB	JB	<input type="checkbox"/>		AREA	BUSINESSGRO...	CUSTOMERGR...
TEST	TEST	<input type="checkbox"/>	2022/06/13	FURNITURE		

EDIT

# Analysis by Dimensions – view

← Sales Analysis View Card | Work Date: 2023/01/31  +  ✓ Saved  

## Sales · DEFAULT · Default analysis view

 Update  Filter  Enable Update on Posting  Disable Update on Posting | Actions Related ...

### General

Code	<input type="text" value="DEFAULT"/>	Last Date Updated	<input type="text" value="2022/05/12"/>
Name	<input type="text" value="Default analysis view"/>	Last Entry No.	<input type="text" value="557"/>
Item Filter	<input type="text"/>	Last Budget Entry No.	<input type="text" value="0"/>
Location Filter	<input type="text"/>	Update on Posting	<input type="checkbox"/>
Date Compression	<input type="text" value="Day"/>	Include Budgets	<input checked="" type="checkbox"/>
Starting Date	<input type="text" value="2020/09/01"/>	Blocked	<input checked="" type="checkbox"/>

### Dimensions

Dimension 1 Code	<input type="text" value="AREA"/>	Dimension 3 Code	<input type="text" value="FURNITURE"/>
Dimension 2 Code	<input type="text" value="CUSTOMERGROUP"/>		

→ UPDATE

**Update allows all entries set in filters to be included in the analysis view**



# Analysis by Dimensions

Sales | Work Date: 2023/01/31

Sales Analysis Views | Search + New Manage **Edit Analysis View** Update ...

Code ↑	Name	Inclu... Budg...	Last Date Updated	Dimension 1 Code	Dimension 2 Code	Dimension 3 Code
CUSTOMERS	Customers	<input checked="" type="checkbox"/>	2021/01/05	CUSTOMERGR...	SALESPERSON	
<b>DEFAULT</b>	<b>Default analysis view</b>	<input type="checkbox"/>	2022/05/12	AREA	CUSTOMERGR...	FURNITURE

# Analysis by Dimensions

Sales Analysis by Dimensions | Work Date: 2023/02/28 ✓ Saved  

DEFAULT

◀ Previous Set **Show Matrix** ▶ Next Set ↶ Reverse Lines and Columns | More options

---

### General

Analysis View Code	DEFAULT	Show as Columns	CUSTOMERGROUP
Show as Lines	FURNITURE	Show Value As	Sales Amount

---

### Filters

Date Filter		Salesperson Filter	
Item Filter		Customergroup Filter	
Location Filter		Furniture Filter	
Budget Filter			

---

### Options

Show	Actual Amounts	Show Column Name	<input checked="" type="checkbox"/>
Rounding Factor	None	Show Opposite Sign	<input type="checkbox"/>

---

### Matrix Options

View by	Day	Column Set	Institution..Small Business
---------	-----	------------	-----------------------------





# Analysis by Dimensions

View - Sales Analysis by Dim Matrix ↗ ✕



🔍 Search Related 🔗

Code	Name	Total Quantity	Total Sales Amount	Institution	Intercompany Customers	Large Business	Medium Business	Private	Small Business
<b>CHAIRE</b>	CHAIR	-83,00	10 840,66	-	-	2 392,30	4 439,62	-	1 268,04
<b>CUPBOARD</b>	CUPBOARD	-2,00	1 949,61	-	-	-	1 949,61	-	-
<b>TABLE</b>	Table	-2,00	819,78	-	-	-	819,78	-	-
<b>WHITBOARD</b>	WHITBOARD	-26,00	24 169,76	-	-	2 631,96	5 848,80	-	5 848,80

# Analysis by Dimensions

← ... Analysis by Dimensions | Work Date: 2023/01/31  +  ✓ Saved  

## DEFAULT

◀ Previous Set  Show Matrix ▶ Next Set  Reverse Lines and Columns | More options

### General

Analysis View Code ..... DEFAULT ... Show as Columns ..... AREA ...

Show as Lines ..... FURNITURE ... Show Value As ..... Sales Amount ▼

### Filters

# Analysis by Dimensions

## View - Sales Analysis by Dim Matrix

Search Related

Code	Name	Total Quantity	Total Sales Amount	Europe	Europe North	Europe North (EU)	Europe North (Non EU)	Europe North, Total	Europe South	Europe, Total
<b>CHAIRE</b>	<b>CHAIR</b>	<b>-1,00</b>	<b>143,90</b>	-	-	143,90	-	143,90	-	143,90
<b>CUPBOARD</b>	<b>CUPBOARD</b>	-	-	-	-	-	-	-	-	-
<b>TABLE</b>	<b>Table</b>	-	-	-	-	-	-	-	-	-



Sales · DEFAULT · Default analysis view | Work Date: 2023/01/31

Analysis View Entries Search

Item Ledger Entry Type ↑	Entry Type ↑	Item No. ↑	Location Code ↑	Area Code ↑ ▼	Customergr... Code ↑	Furniture Code ↑ ▼	Posting Date ↑	Sales Amount (Actual)	Sales Amount (Expected)	Cost Amount (Actual)	Cost Amount (Expected)	Cost Amount (Non-Invtbl.)	Quantity	Invoiced Quantity
<b>Sale</b>	<b>Direct Cost</b>	<b>1936-S</b>	<b>BLUE</b>	<b>30</b>		<b>CHAIRE</b>	<b>2023/01/31</b>	<b>143,90</b>	<b>0,00</b>	<b>-97,50</b>	<b>0,00</b>	<b>0,00</b>	<b>-1,00</b>	<b>-1,00</b>

# Another type of analysis – Customer type

View - Sales Analysis by Dim Matrix

Search Related

Code	Name	Total Quantity	Total Sales Amount	CHAIR	CUPBOARD	Table	WHITBOARD
<b>10</b>	<b>Europe</b>	-	-	-	-	-	-
20	Europe North	-	-	-	-	-	-
30	Europe North (EU)	-287,90	73 347,05	8 106,42	1 949,61	819,78	14 329,56
40	Europe North (Non EU)	-22,00	5 446,07	137,44	-	-	-
45	Europe North, Total	-309,90	78 793,12	8 243,86	1 949,61	819,78	14 329,56
50	Europe South	-	-	-	-	-	-
55	Europe, Total	-309,90	78 793,12	8 243,86	1 949,61	819,78	14 329,56
60	America	-	-	-	-	-	-
70	America North	-28,00	3 112,04	-	-	-	-
80	America South	-	-	-	-	-	-
85	America, Total	-28,00	3 112,04	-	-	-	-
90	SA	-	-	-	-	-	-
91	Durban	-	-	-	-	-	-
92	Total SA	-	-	-	-	-	-




# Analysis by Dimensions

Dimensions play an important role in business intelligence, such as when defining analysis views. For more information, see [Analyze Data by Dimensions](#).

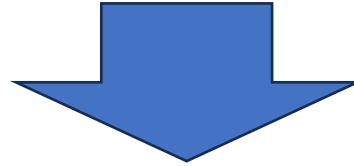
[Analyze Data by Dimensions - Business Central | Microsoft Docs](#)

An analysis by dimensions displays a selected combination of dimensions. You can store and retrieve each analysis you have set up. The information for setting up an analysis is stored on an Analysis View card to simplify future analysis.

1. Choose the  Searching window, enter **Analysis Views**, and then choose the related link.
2. On the **Analysis View List** page, choose the **New** action.
3. Fill in the fields as necessary. Hover over a field to read a short description.
4. To add other dimension codes in addition to the four on the **Dimensions** FastTab, choose the **Filter** action, fill in the fields, and then choose the **OK** button.
5. To update the view, choose the **Update** action.

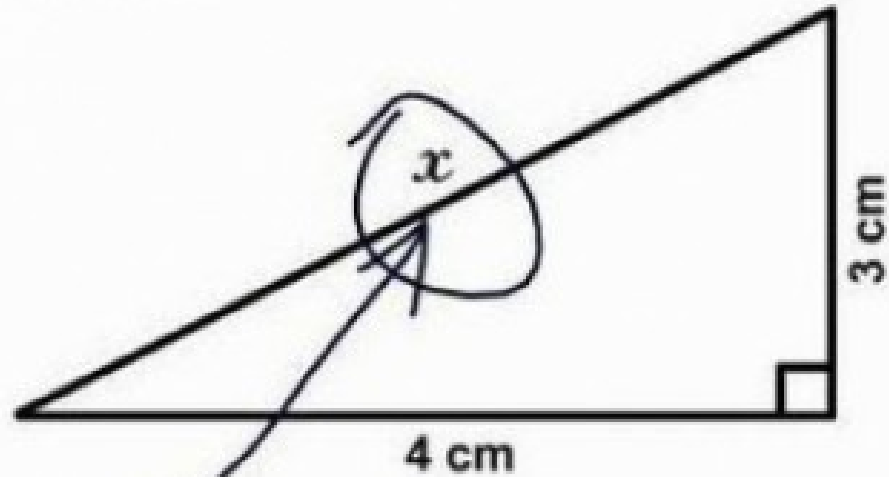
# Poster Analysis

Code ↑	Name	Inclu... Budg...	Last Date Updated	Dimension 1 Code	Dimension 2 Code	Dimension 3 Code
CUSTOMERS	Customers	<input type="checkbox"/>	18.12.2023	DEPARTMENT	CUSTOMERGR...	AREA
DEFAULT	Default analysis view	<input type="checkbox"/>	29.11.2023	BUSINESSGRO...	AREA	CUSTOMERGR...
<u>POSTER</u>	Poster Analysis	<input type="checkbox"/>	24.11.2024	POSTER	CUSTOMERGR...	AREA



View - Sales Analysis by Dim Matrix								
Search Related ▾								
Code	Name	Total Quantity	Total Sales Amount	BRNO	INSTITUTION	INTERCOMPANY	LARGE	MEDIUM
<u>B&amp;W</u>	Black and White	-	-	-	-	-	-	-
COLOR	Color	-8,00	840,00	-	-	-	540,00	300,00
MOVIE	Movie Poster	-3,00	36,00	-	-	-	36,00	-
WATER-COLOR	Water Color picture	-2,00	40,00	-	-	-	-	40,00

3. Find x.



*Here it is*

Ocular Trauma - by Wade Clarke ©2005

$$a^2 + b^2 = c^2 \rightarrow 4 * 4 + 3 * 3 = 25 \rightarrow c = 5$$

T\_0005 · Portrait of Recamier on Chaise Longue

Home Request Approval Item Prices & Discounts Actions Related Fewer options

Copy Item Adjust Inventory Create Stockkeeping Unit Apply Template

**Item** Show more

No.  Base Unit of Measure

Description  Item Category Code

Blocked  Variant Mandatory if Exists

Type

**Inventory** Show more

Shelf No.

Inventory  Qty. on Sales Order


Qty. on Purch. Order  Stockout Warning

Qty. on Prod. Order  Unit Volume

Qty. on Component Lines  Over-Receipt Code

**Details** Attachments (1)

**Picture**



**Marketing Text**

[Edit](#)

Portrait of Madame Récamier is an 1800 portrait of the Parisian socialite Juliette Récamier by Jacques-Louis David showing her in the height of Neoclassical fashion, reclining on a Directoire style sofa in a simple Empire line dress with almost bare arms, and short ...



Au revoir  
mes amis !!