

# Business Intelligence @ METRO

**METRO DATA WAREHOUSE**

# MDW in a nutshell



- METRO's Enterprise Data Warehouse
- Standard Reporting & Self-Service-BI
- Standardized KPI's and Hierarchies
- Cross Country Reporting
- Invoice Line Level
- 2+ Current Year Historical Data
- Source for Data Monetization
- MicroStrategy & Teradata

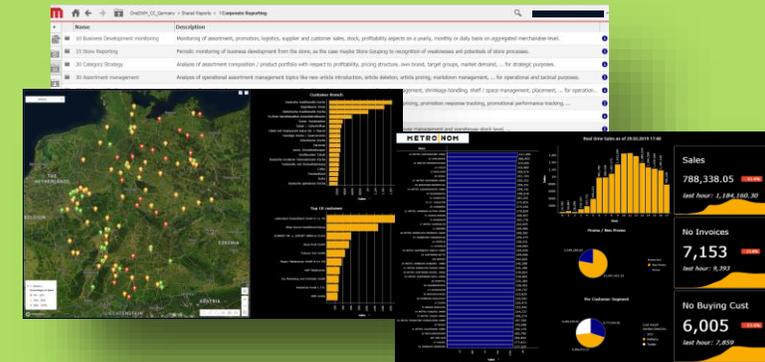
# Our MDW Standard Reporting



## Public Standard Reporting

- Central developed by METRONOM
- Common Reporting Standard (CRS)
- Common Language: English
- Accessible by all users

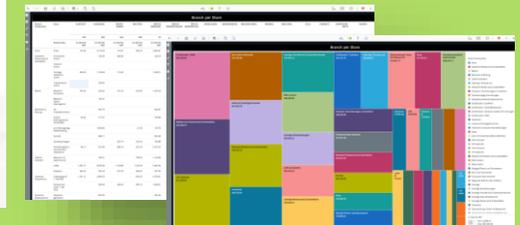
1.060



## Country specific reporting

- Developed by local information management / user service
- Accessible by all country users

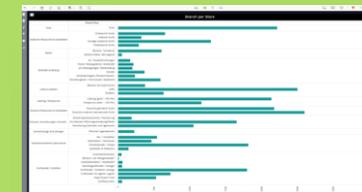
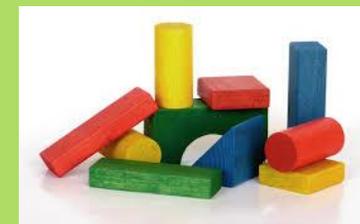
144.000



## Private Reporting

- Developed by power users
- Only accessible for specific user

315.000



# Starting MicroStrategy Web



[https://collaborationtool.metrogroup-networking.com/sites/000622/SitePages/Home\\_all\\_countries.aspx](https://collaborationtool.metrogroup-networking.com/sites/000622/SitePages/Home_all_countries.aspx)



HOME

Microstrategy links	MDW Maintenance Applications	Documentation
<a href="#">Metro Link MSI</a>	<a href="#">MCC Article Attribute Maintenance</a>	<a href="#">User Creation</a>
<a href="#">Msi Web Interface</a>	<a href="#">MCC Article Group Maintenance</a>	<a href="#">Target Group Maintenance</a>
<a href="#">Msi DE Web Interface</a>	<a href="#">MCC KPI</a>	<a href="#">Store Group Maintenance</a>
<a href="#">Msi DE Library Web Interface</a>	<a href="#">MCC Lowest Price Calculation</a>	<a href="#">Reference Table Lookup</a>
<a href="#">Msi REAL Web Interface</a>	<a href="#">MCC Reference Table Lookup</a>	<a href="#">Lowest Price Calculation</a>
<a href="#">Msi REAL Library Web Interface</a>	<a href="#">MCC Store Group Maintenance</a>	<a href="#">KPI</a>
	<a href="#">MCC Target Group Maintenance</a>	<a href="#">Article Group Maintenance</a>
	<a href="#">MCC User Creation</a>	<a href="#">Article Attribute Maintenance</a>

# Navigating to shared reports in MicroStrategy Web

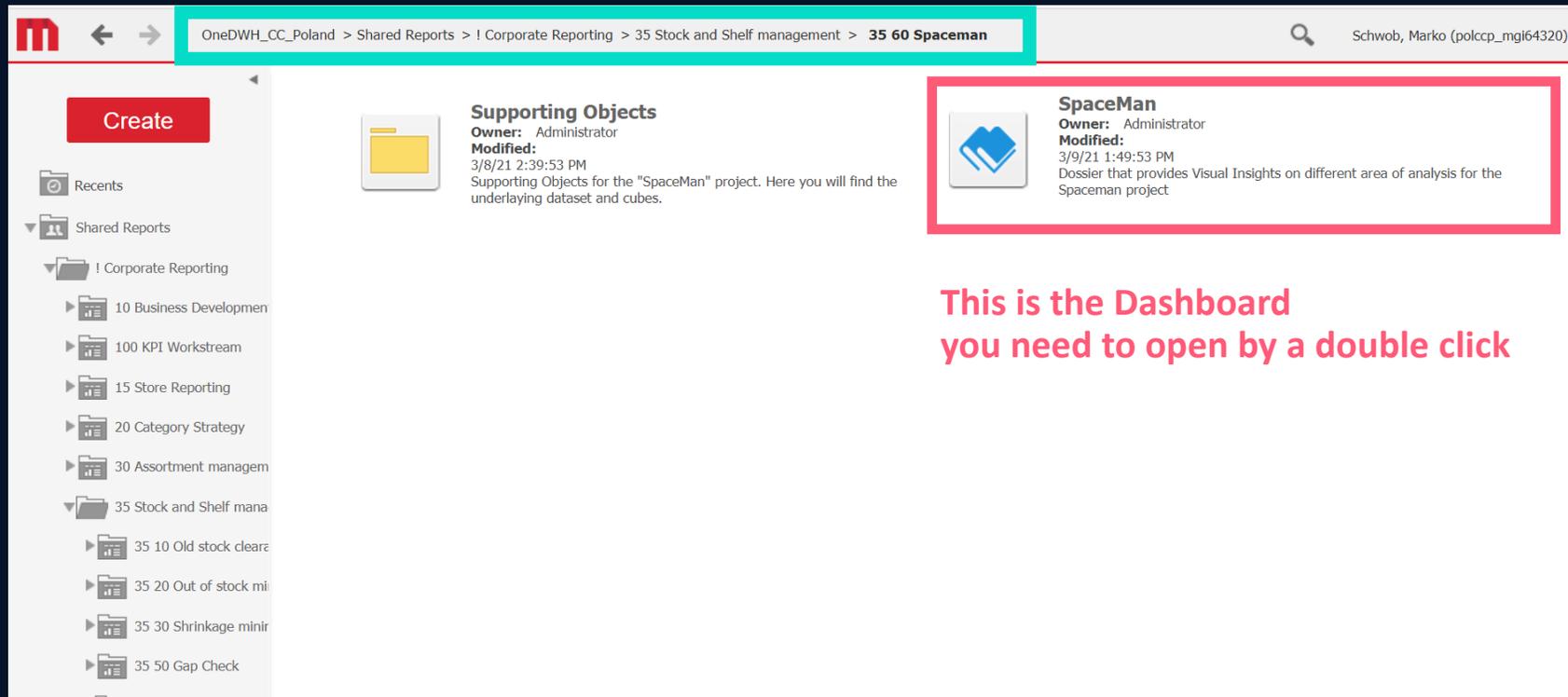
The screenshot displays the MicroStrategy Web interface. At the top, the browser address bar shows 'OneDWH\_CC\_Germany > Home' and the user name 'Teodorescu'. The interface is divided into several sections:

- Left Sidebar:** Contains a 'Create' button and a list of navigation items: Recents, Shared Reports, My Reports, History List, My Subscriptions, SITE MAP, FAQ, and MicroStrategy Library.
- Browse Section:** Features four main cards: 'Shared Reports' (highlighted with a yellow border), 'My Reports', 'History List', and 'My Subscriptions'. The 'Shared Reports' card includes the text 'Run reports and share reports with others.'
- Analyze Section:** Contains three cards: 'Create Dossier', 'Add External Data', and 'Upload MicroStrategy File'.
- Develop Section:** Shows a row of six icons representing various development or reporting tools.

# How to find the Spaceman Dashboard/Dossier?



- The new Spaceman dashboard can be found in our MDW Corporate Standard Reporting:



**This is the Dashboard  
you need to open by a double click**

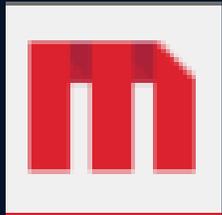
**Note:**

You will also receive a bookmark/link via Email.

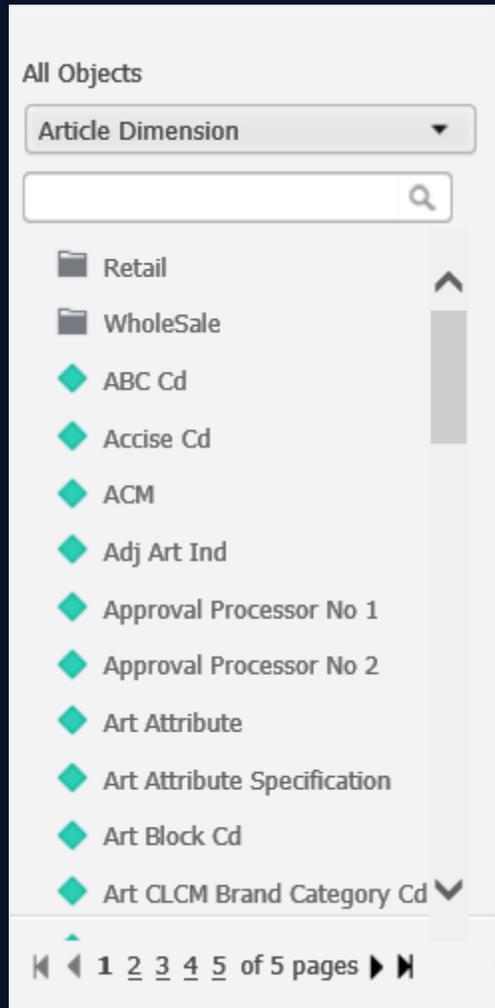
# Report Objects



- Public Objects (Autostyles, Consolidation, Custom Groups, **Documents/Dossier**, Drill Maps, **Reports**, Filters, Prompts, **Metrics**, Templates, Searches);
- Schema Objects (**Attributes**, Facts, Functions & Operators, Hierarchies, Partition Mappings, Tables, Transformations)
- Data Explorer: MicroStrategy system folder, used for browsing data in MDW;
- Project Objects (Security filters, Security attributes);



# Report Objects - Attributes



- An attribute is a business concept, such as Customer, Store, Region, or Year.
- Attributes are MicroStrategy objects associated with one or more columns in a lookup table within your data source.
- In a reporting environment, attributes provide a context for calculating data and filtering data.
- Attributes help you make sense of the business facts stored in the data source.

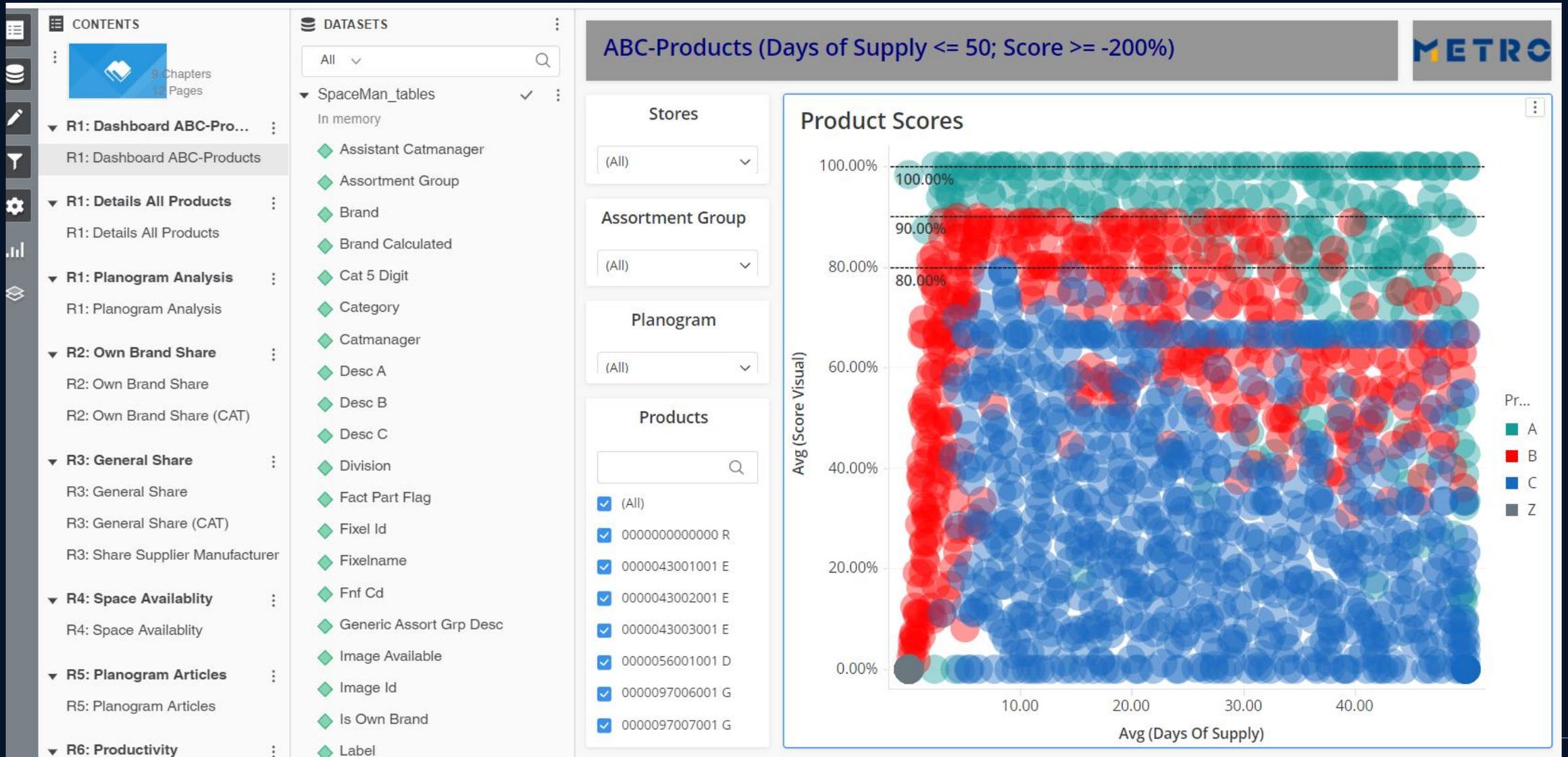
# MicroStrategy Objects



- **Metrics** are MicroStrategy objects that represent **business measures** and **key performance indicators**.
- From a practical perspective, metrics are the **calculations** performed on data stored in your database, the results of which are displayed on a report.
- Metrics are similar to formulas in spreadsheet software.

The screenshot shows the 'Metric Editor - Metric' window. On the left, a list of functions is displayed, including 'Add', 'Average', 'Avg', 'Count', 'First', 'GeoMean', 'Greatest', 'HistogramMedian', 'Last', 'Least', 'Max', 'Median', 'Min', and 'Mode'. The 'Basic Functions' category is selected. The main area shows the configuration for the 'Sum' function. The 'Display Name' is 'Metric'. The 'Function' is 'Sum' of 'cu\_disc\_base\_val\_nsp'. Below this, there are sections for 'Function Parameters', 'Level', 'Condition', and 'Transformation'. The 'Level' section is expanded, showing 'Report level' and a search for attribute. The 'Condition' section has a search for filter. The 'Transformation' section has a search for object. At the bottom, the function signature 'Sum(ValueList)' is shown, along with a description: 'Returns the sum of all values in the ValueList. This is a group-value function. Details...'

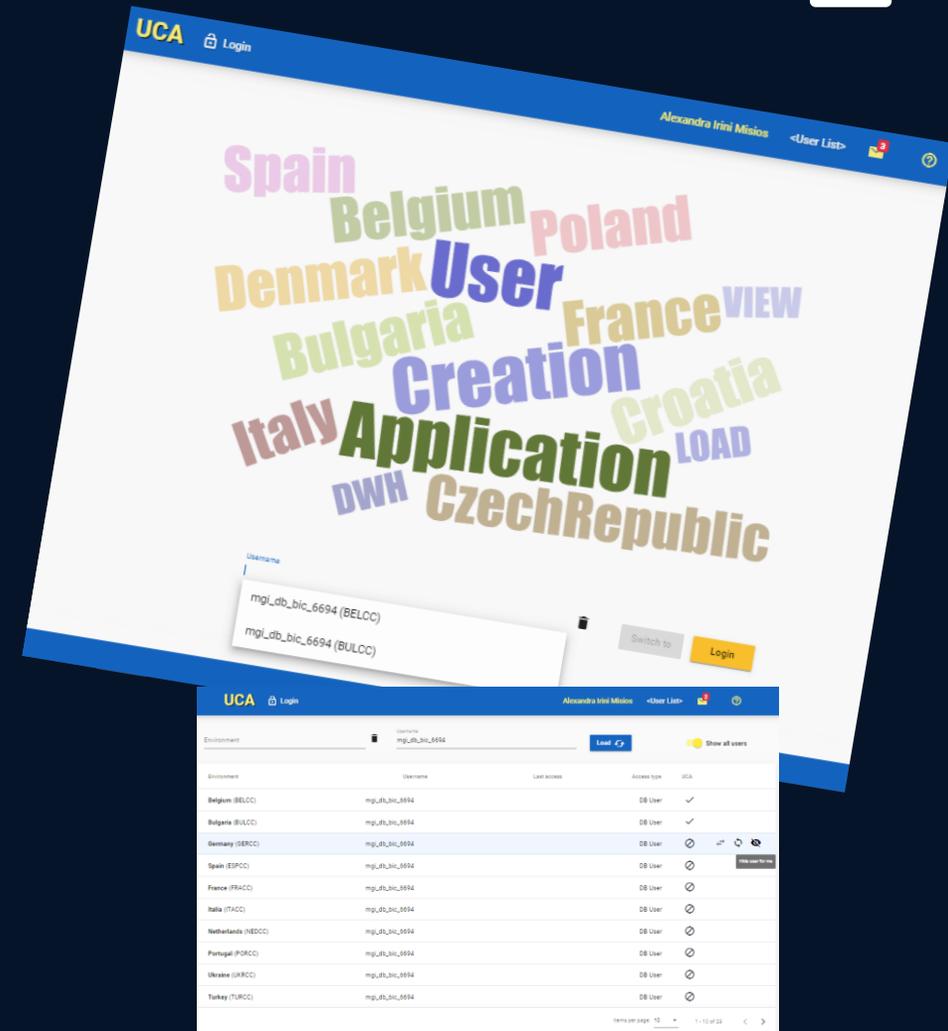
# The Spaceman Dossier – How it looks like?



# How to get an MDW user?



- MDW User creation is centrally handled within the countries within the Information Management team.
- These colleagues use our MDW internal User Creation Application to create MDW Users.
- Here you need to request a **MDW WEB USER** with access to the **Corporate Reporting** and with the **Security role sec\_spaceman**.
- **Important:** Detailed information will be sent by next week via Email – only after you received that Email the user creation should be started (Background is one pending installation).



**Vielen Dank.**

**Für Ihre Aufmerksamkeit!**

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