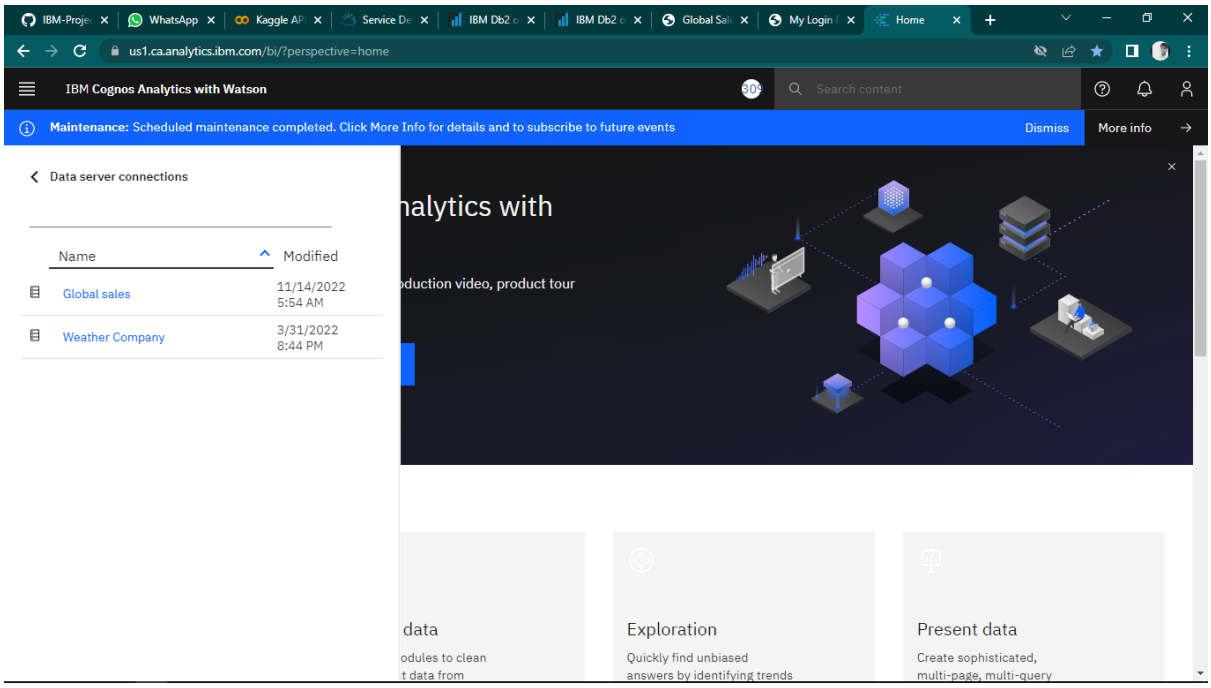
Project Development Phase
Sprint 2

Date	03 November 2022
Team ID	PNT2022TMID41225
Project Name	Global Sales Data Analytics

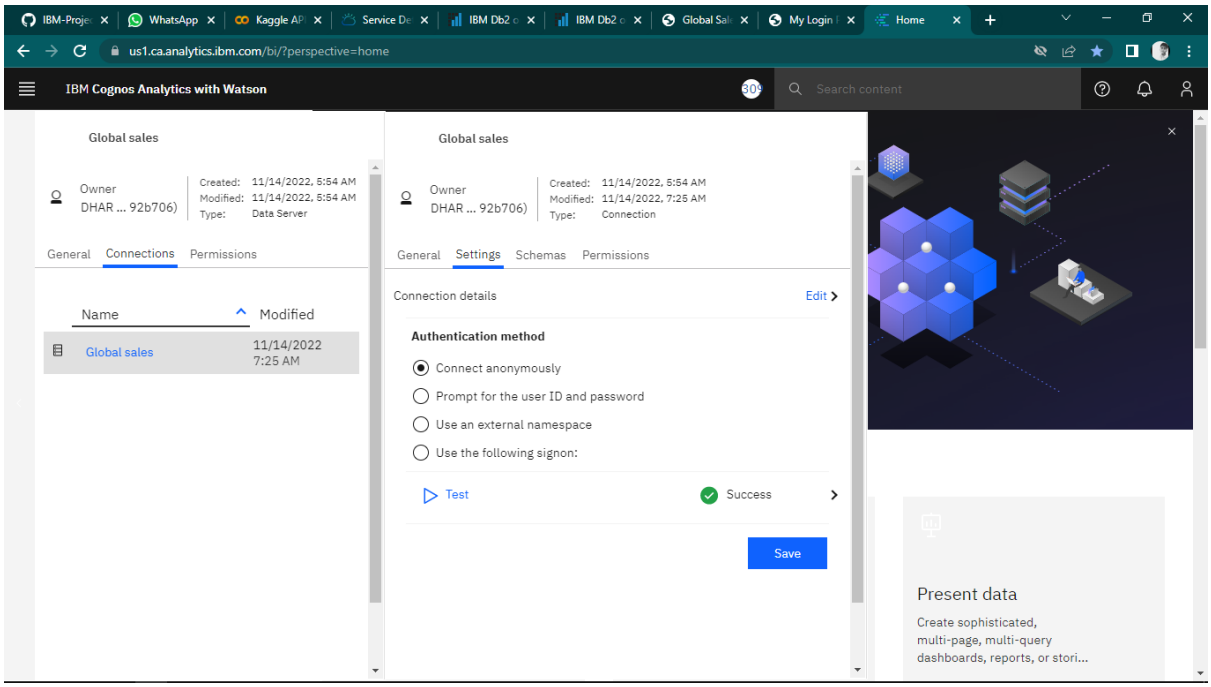
Sprint 2 tasks:

- Connecting data from IBM cloud to IBM cognos
- Connecting schema and table
- Data visualization
- Prepare the dataset
    - Data Joins
    - Data calculations
    - Data navigation
    - Data formatting
- Creating Dashboard

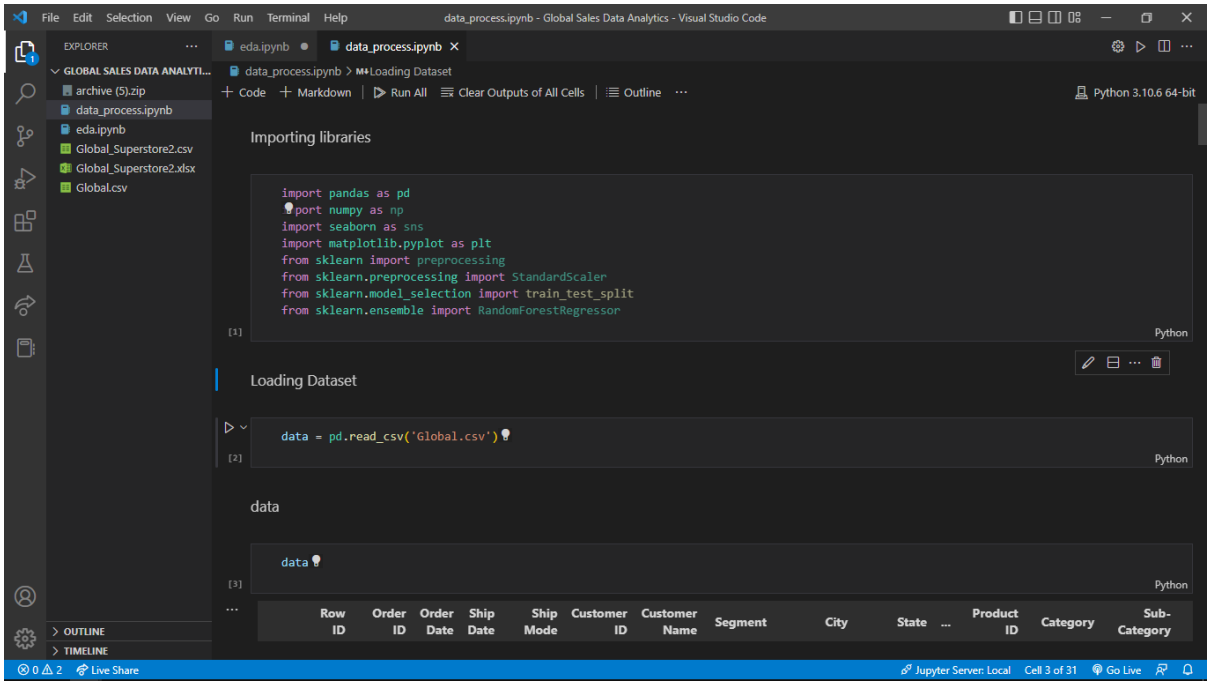
Connecting data from IBM cloud to IBM cognos:



Connecting schema and table:



Data visualization:

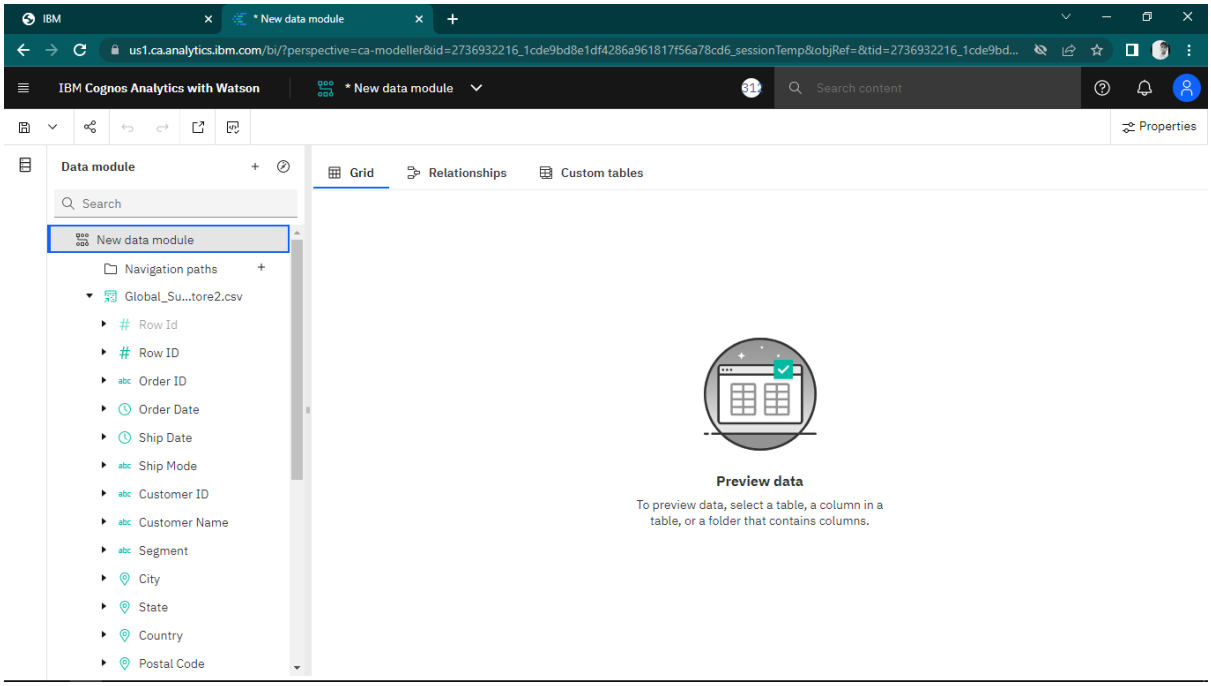


Prepare the dataset:

Understanding rows and columns of the data.

a. Data Joins:

Analysing that the dataset module requires joins.

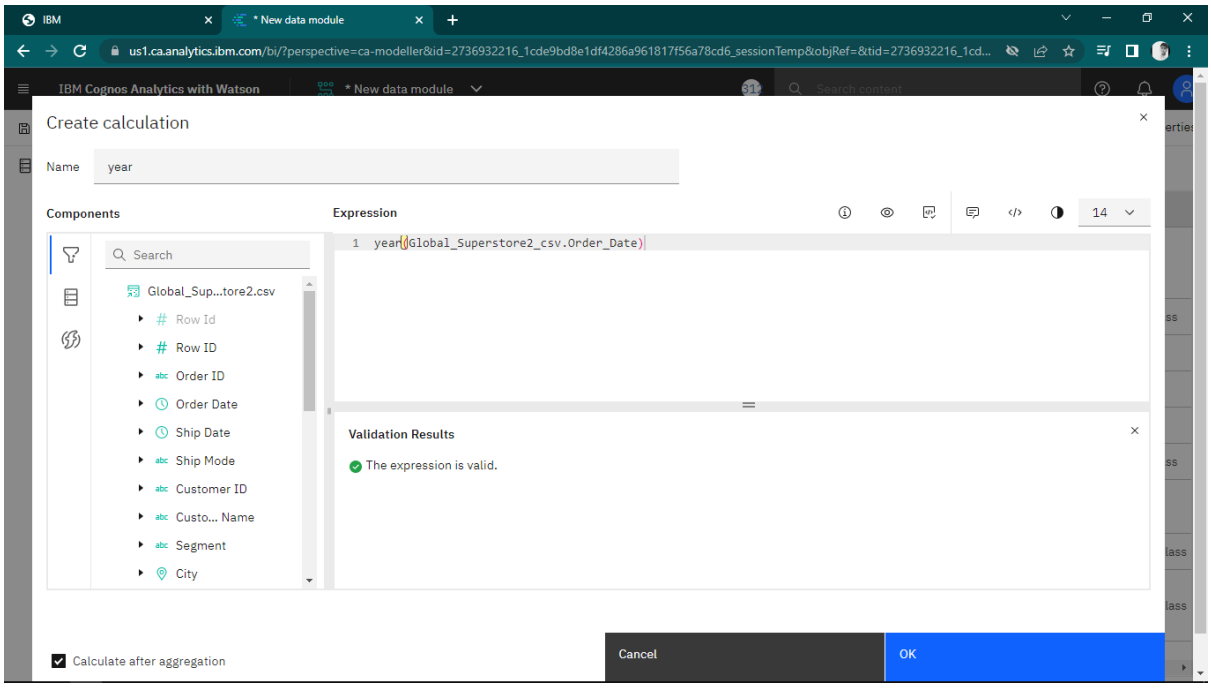


b. Data Calculations:

Creating calculations for extracting year, month and day from order date column.

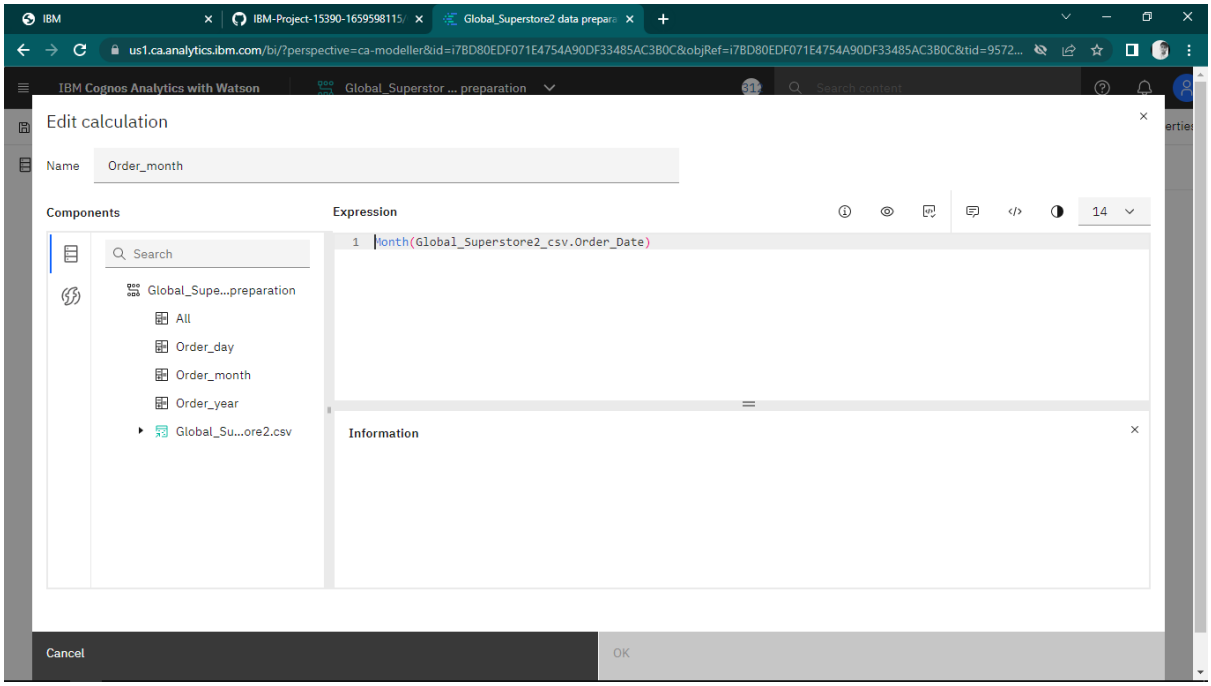
1. Year calculation

Creating calculations for extracting year from order date column.



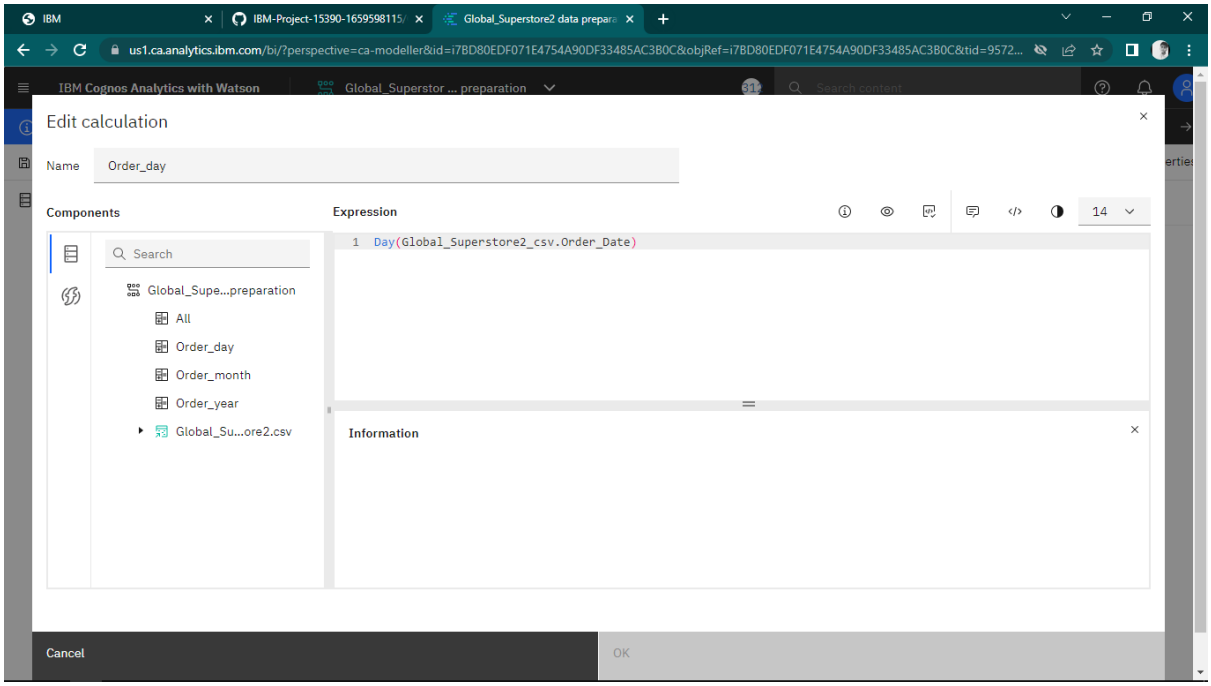
2. Month calculation

Creating calculations for extracting month from order date column.



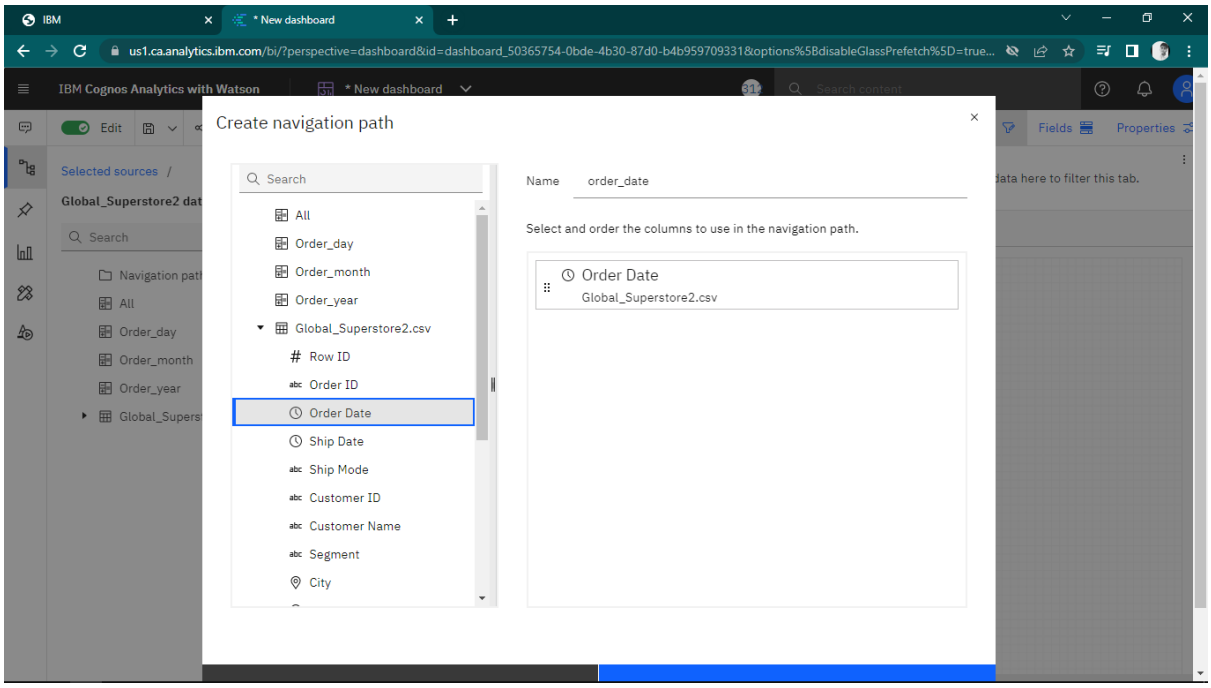
3. Day calculation

Creating calculations for extracting day from order date column.



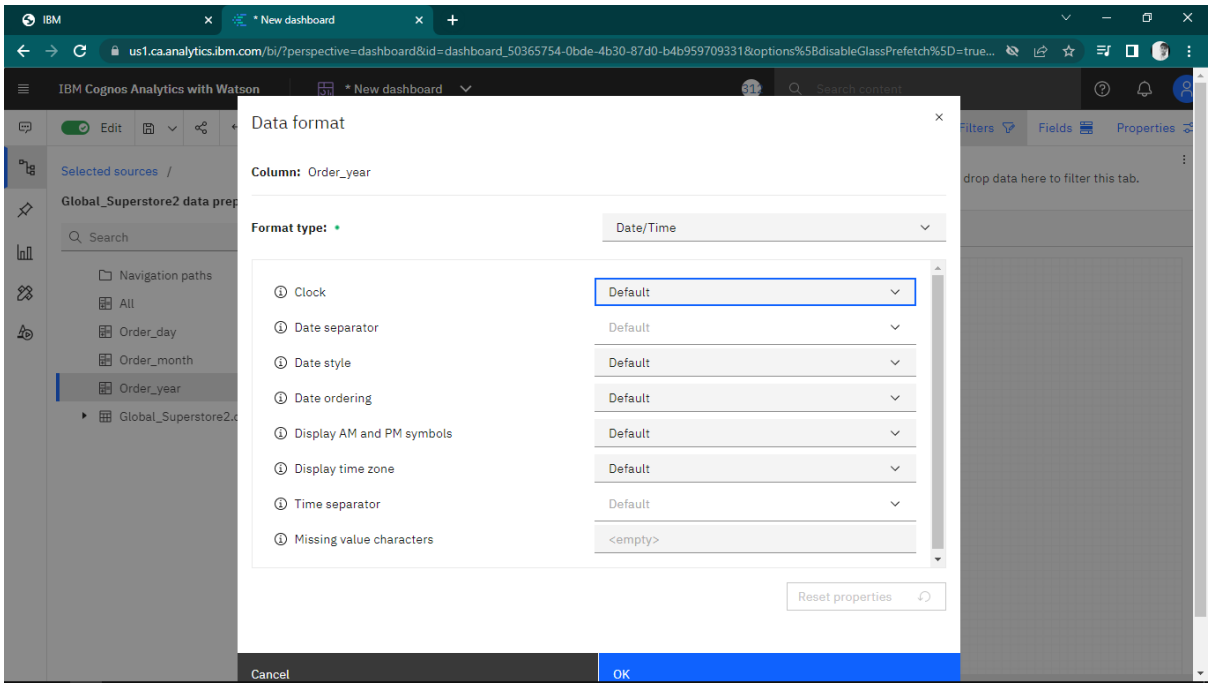
c. Navigation path:

Creating navigation path for order date, order year, order month and order day



d. Data formatting:

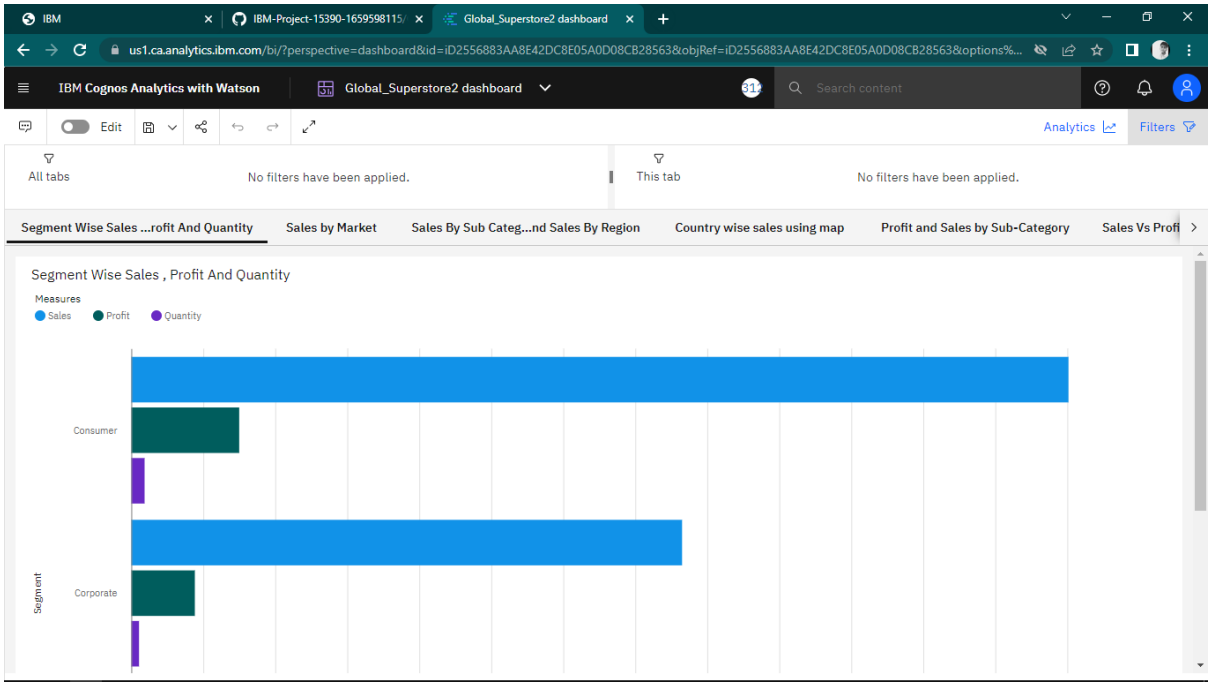
Creating navigation path for order date, order year, order month and order day.



Creating Dashboard:

Segment wise sales, Profit and Quantity:

The following bar chart shows the distribution of Sales, Profit and Quantity by segments.



Sales by Market:

The below Pie visualization represents the Sales distribution by market.