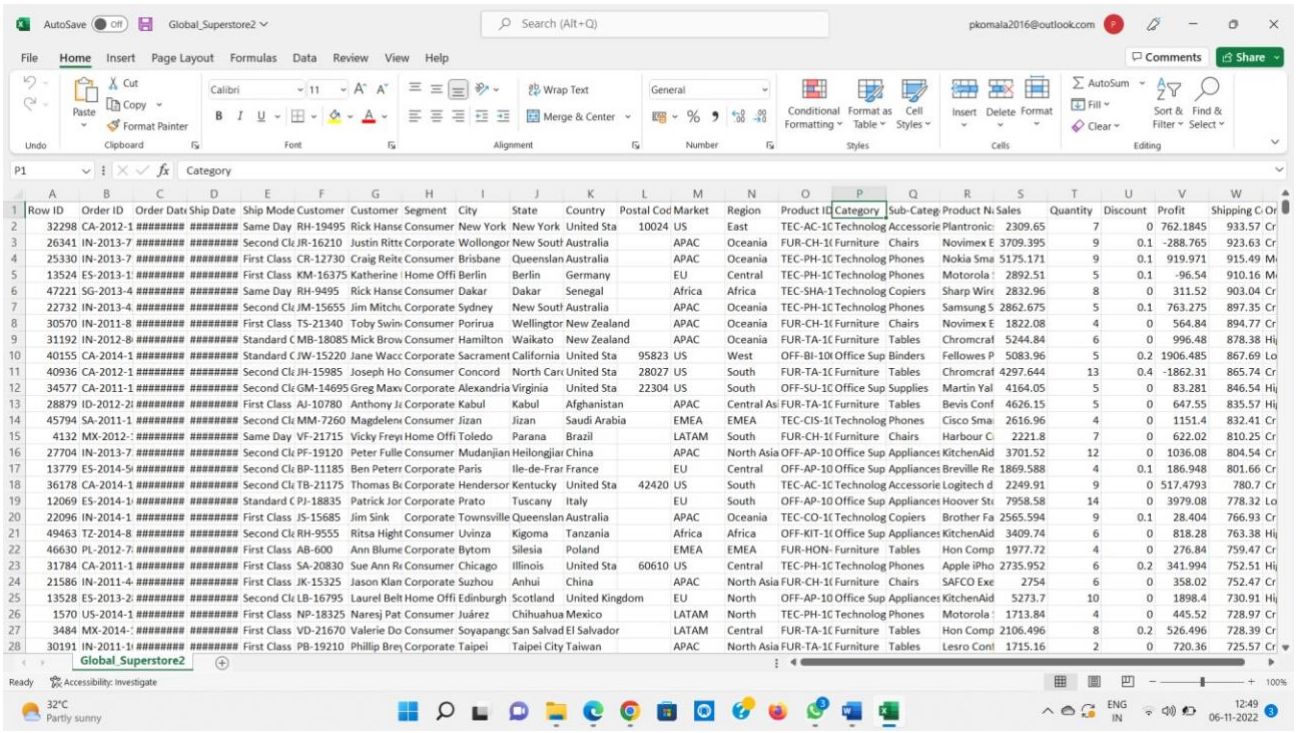
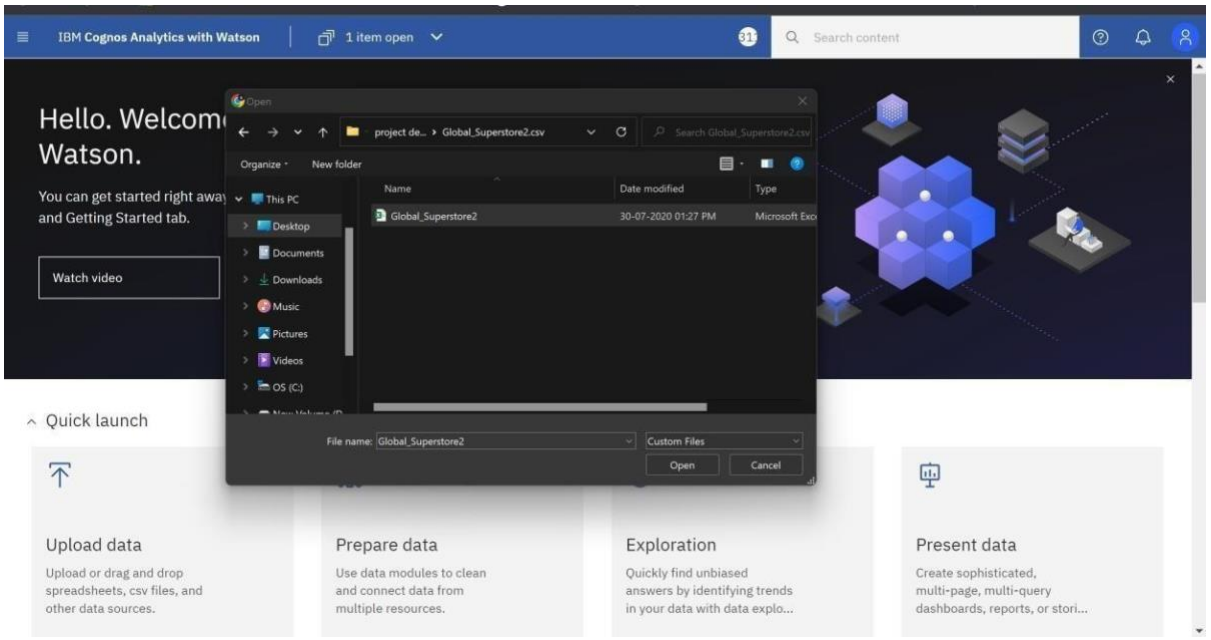
LPROJECT DEVELOPMENT PHASE
SPRINT -2

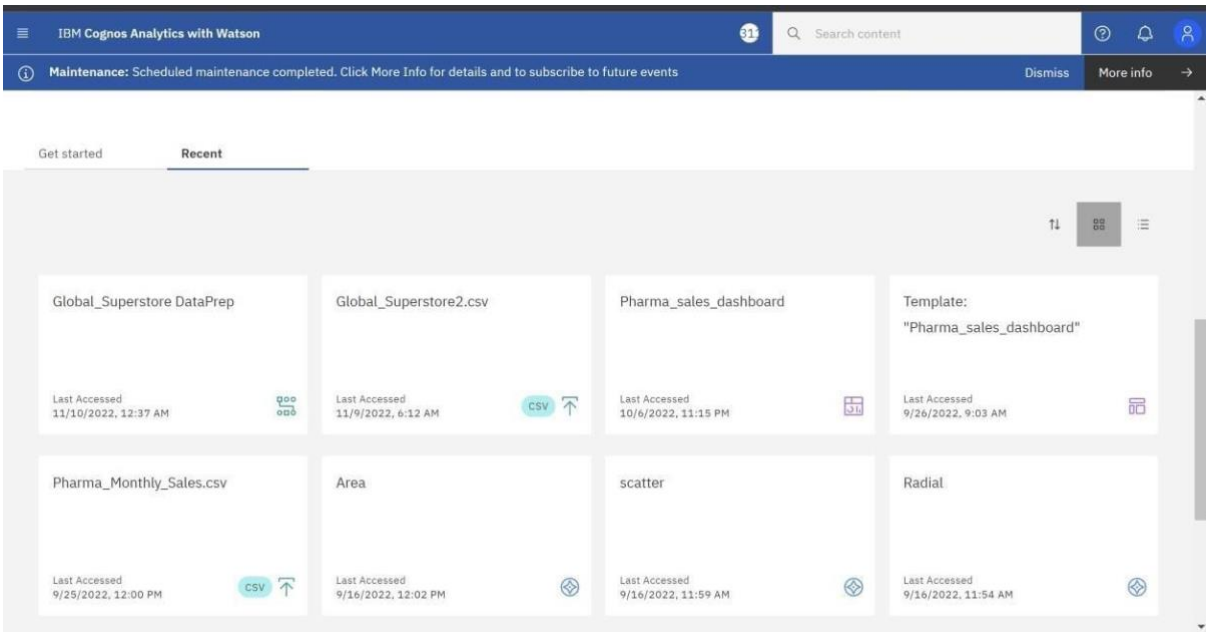
Date	**27 October 2022**
Team ID	**PNT2022TMID41454**
Project Name	**Global Sales Data Analytics**

Dataset:



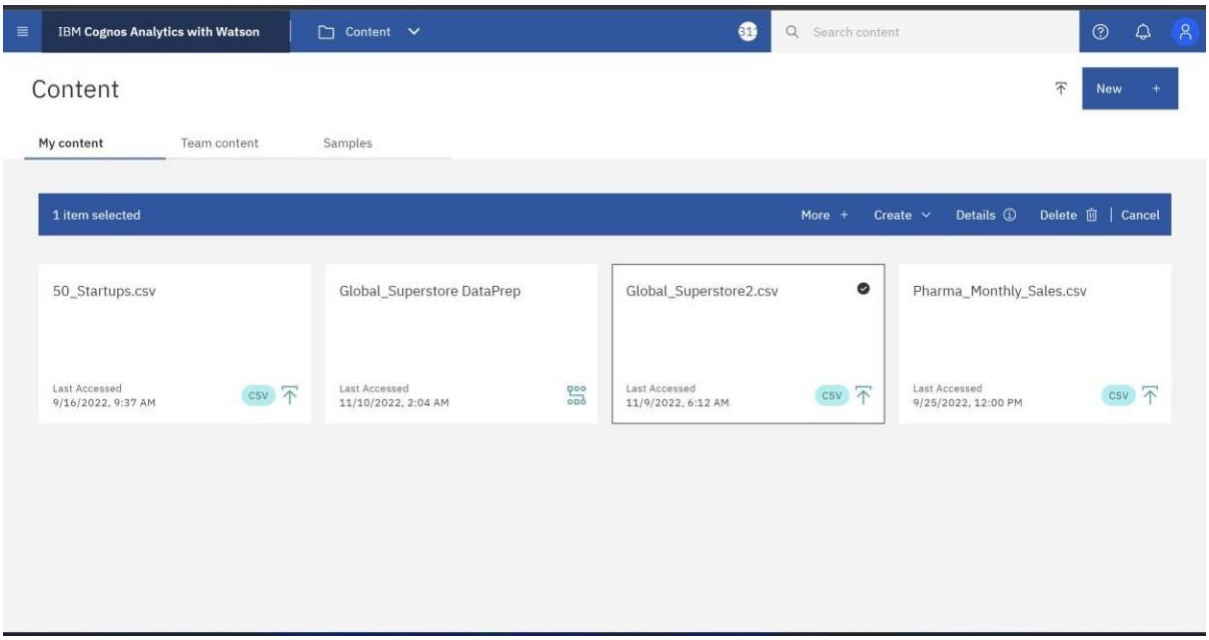
Uploading the dataset:



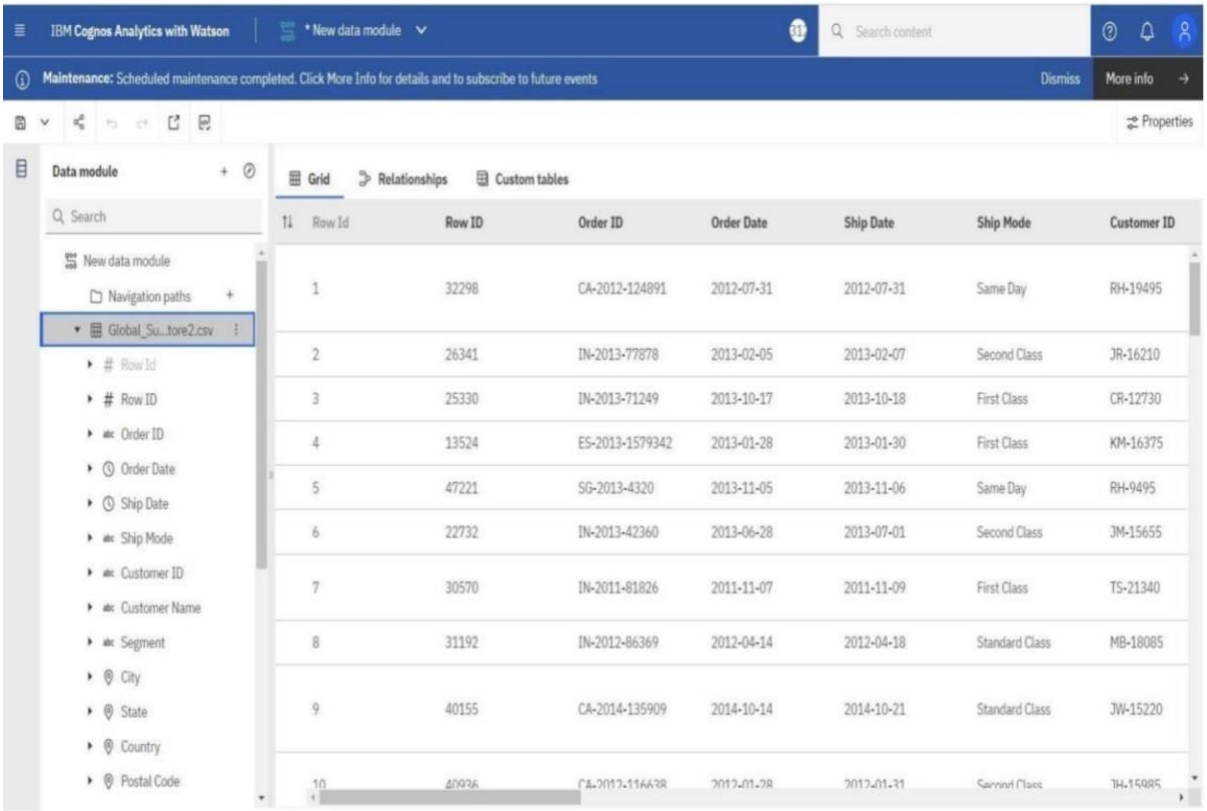


Data Preparation:

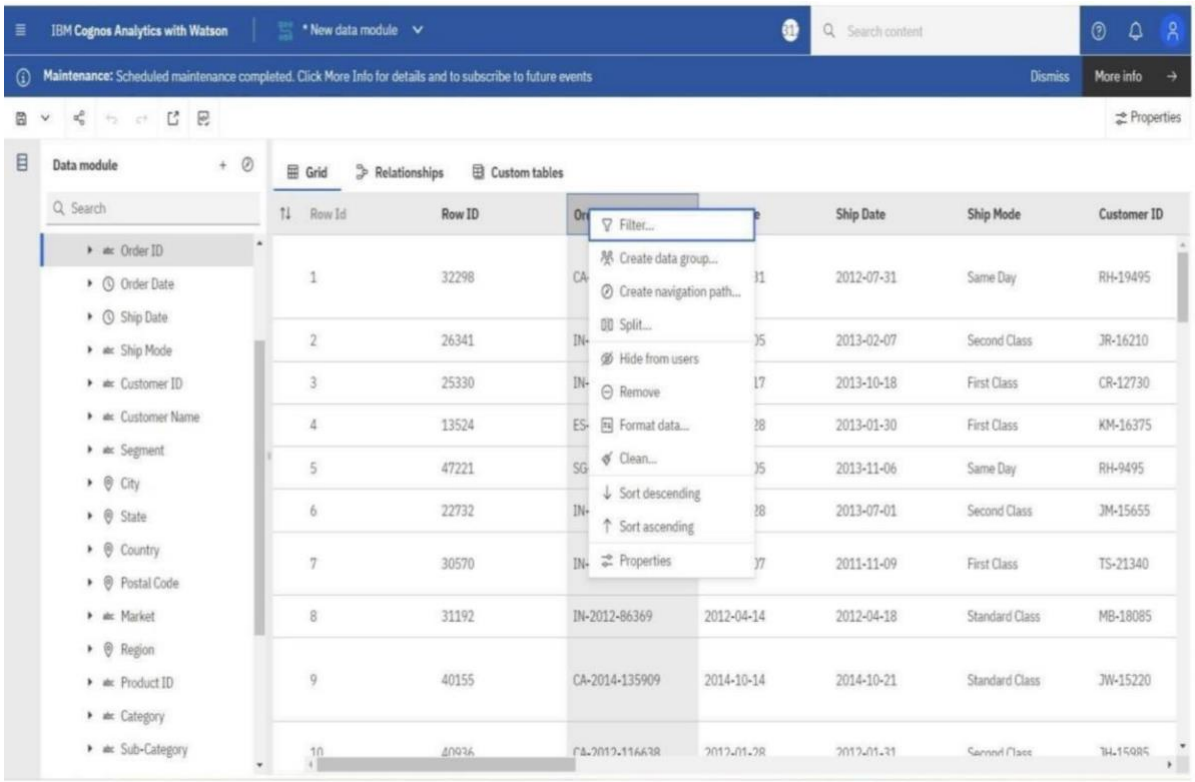
- First understand and load the dataset.

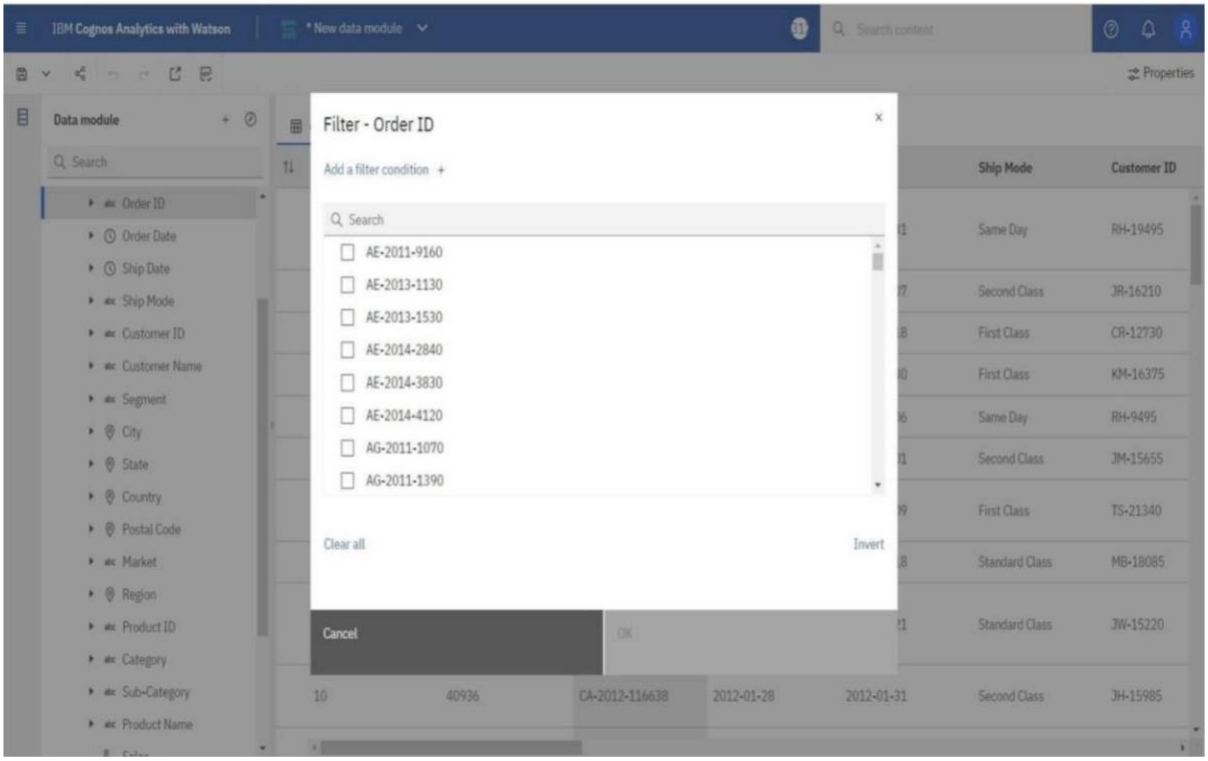


- Since there is only one single file, there need not be any relationships or custom tables for the data.



- To prepare the data , we need to verify it is clean. There must be no null values. If there are null values, there will be empty data.

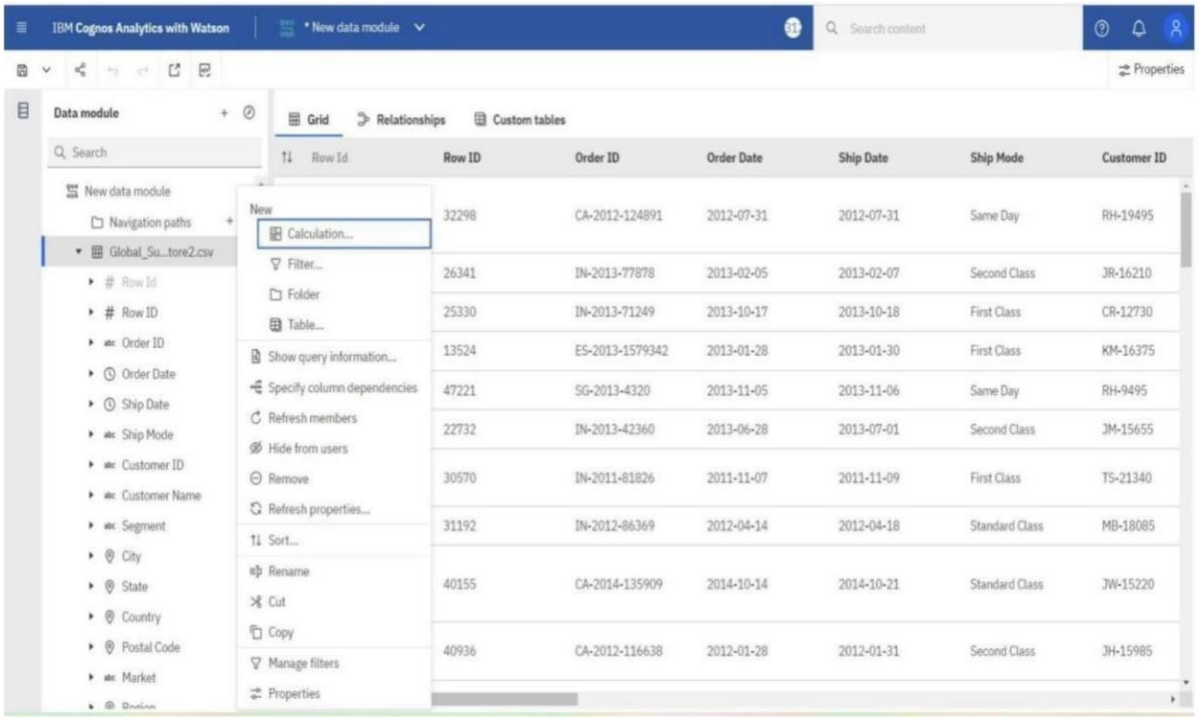




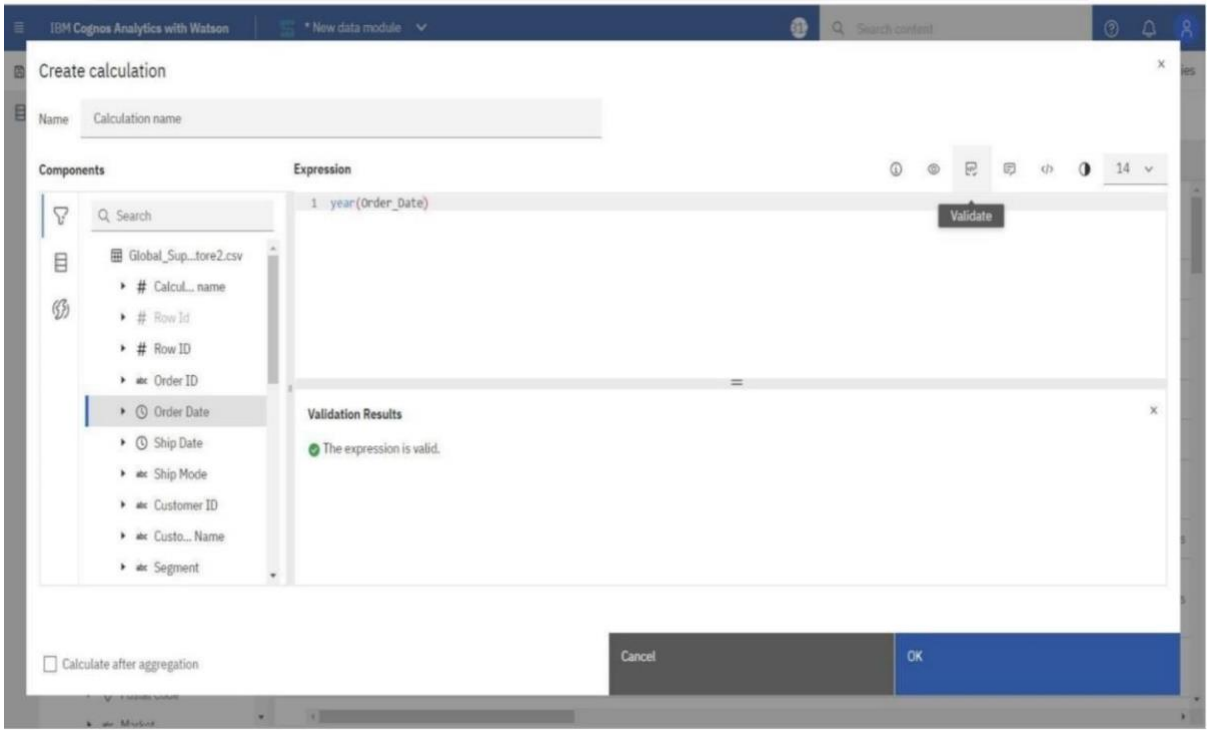
- Once cleaned save the data.

Data calculations and navigation paths:

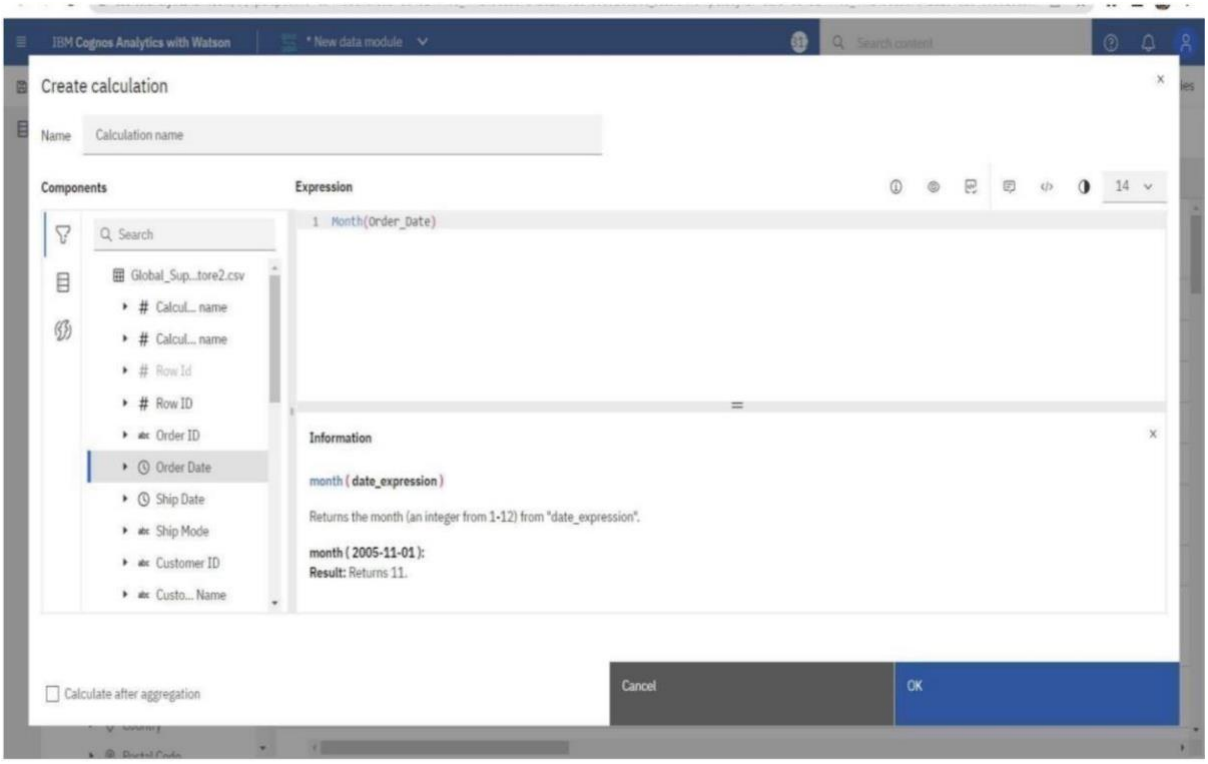
- Once you load the data, we need to prepare the data.
- Prepare calculations of year, month, day fields and also related navigation paths.
- Create a few more calculations – Target sales, Min sales, Max sales, Middle Range sales.



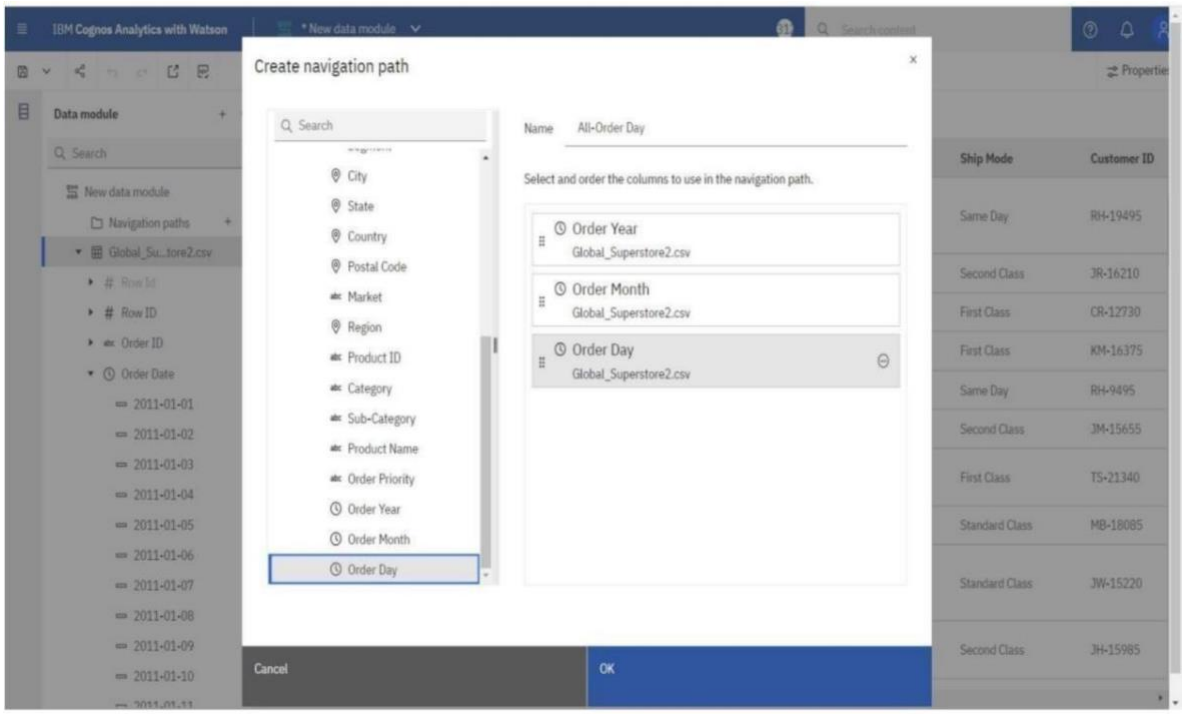
- Right click ->calculation -> type expression -> validate -> set new name as Order Year.



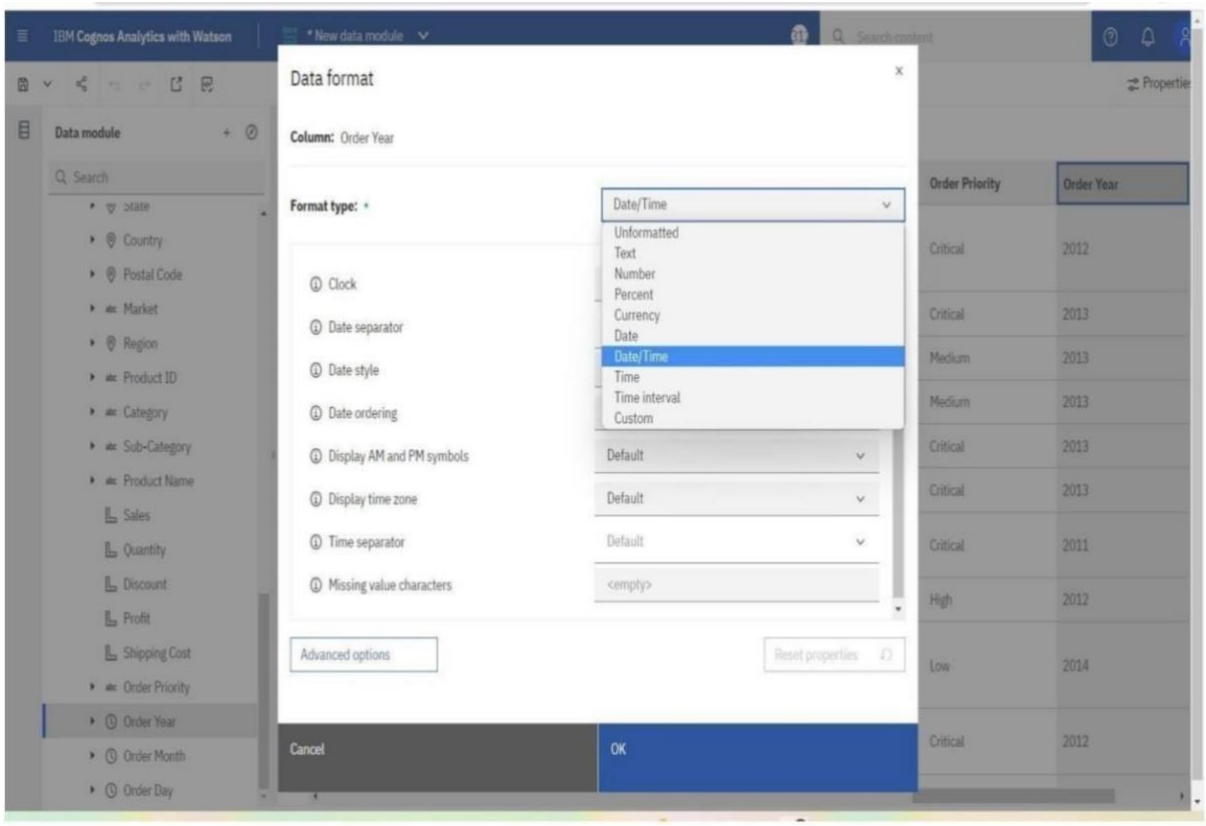
- Similarly, ‘Order Month’, ‘Order Day’ and ‘All’.



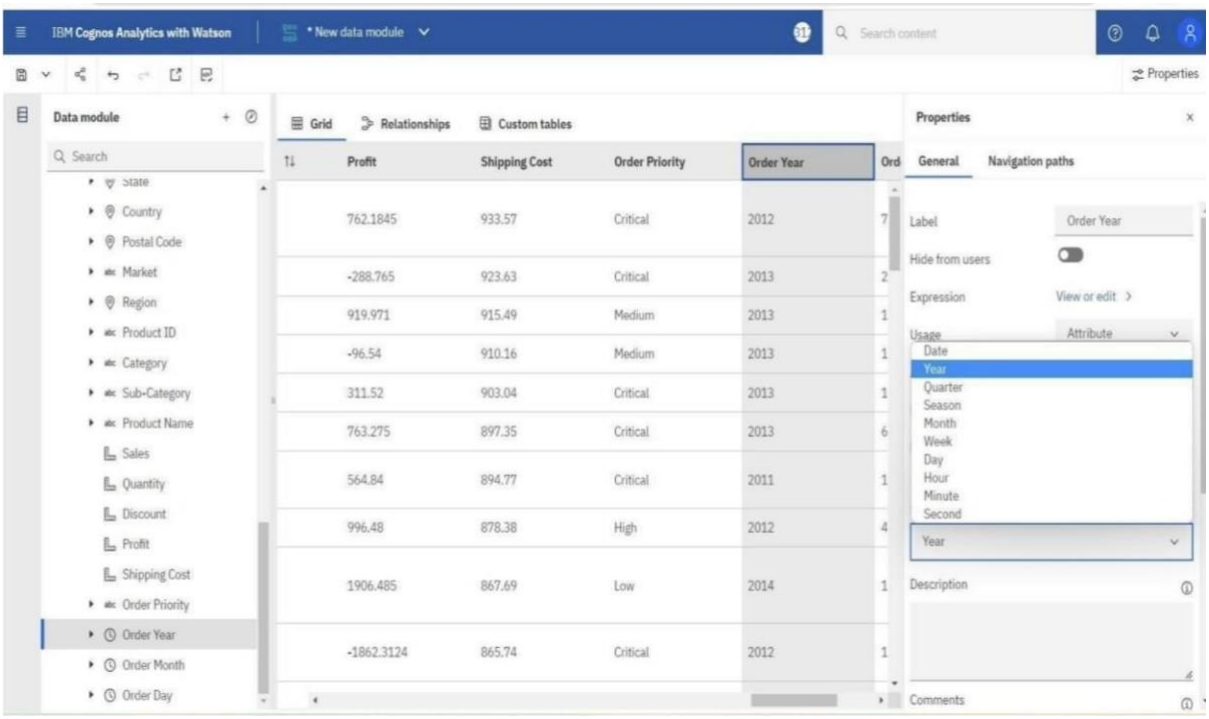
- Right click on create navigation path.



- Data format -> date/Time



- Properties -> usage -> Attribute
  Aggregate -> Count Distinct
  Data Type -> Integer
  Represents -> Time, (Year, Month , Day respectively)
  Display options -> show members
  This way it becomes a Numerical Data Type



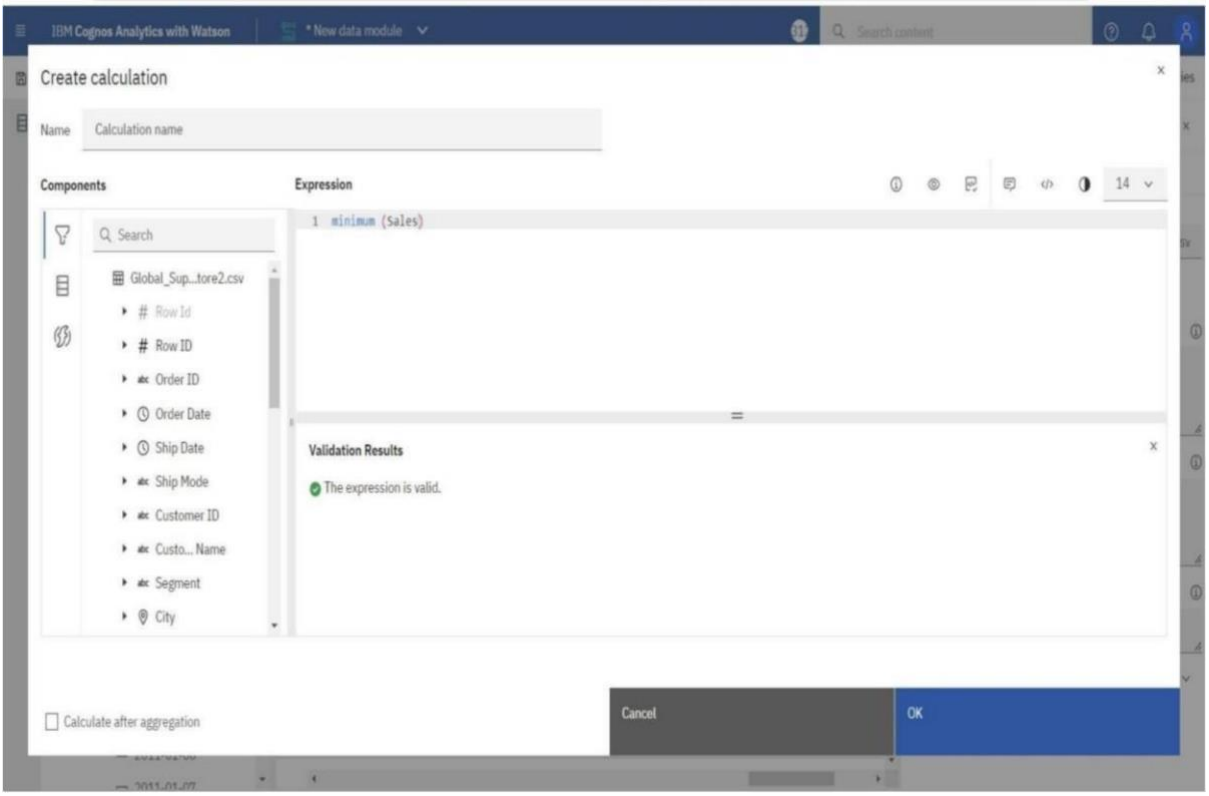
- Hence calculations for day, month and year are completed.
- Similarly calculations for Target sales, Min sales, Max sales And Middle range sales are done.

  Min sales -> Minimum(sales)

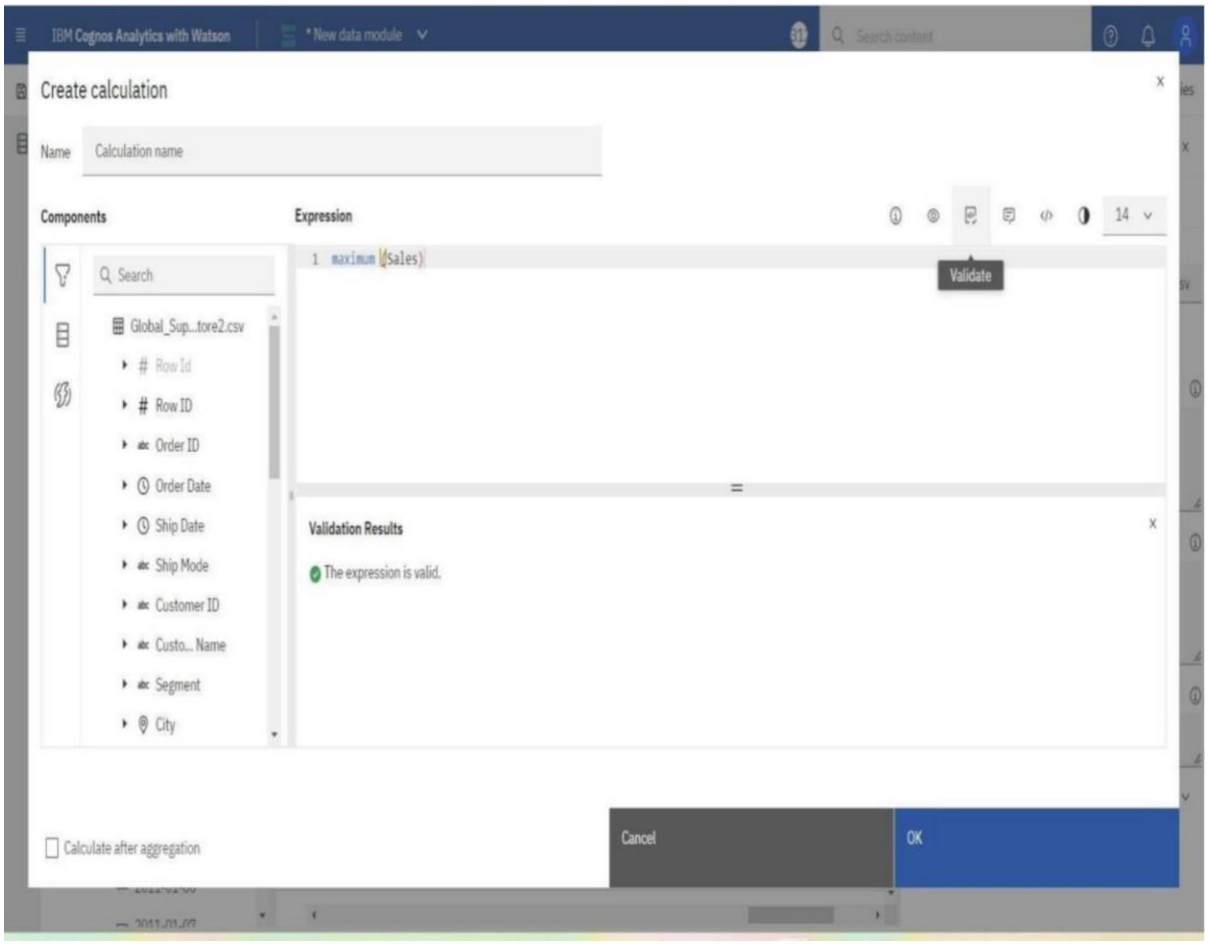
  Max sales, Target sales -> Maximum(sales)

  Middle range sales -> Average (sales)

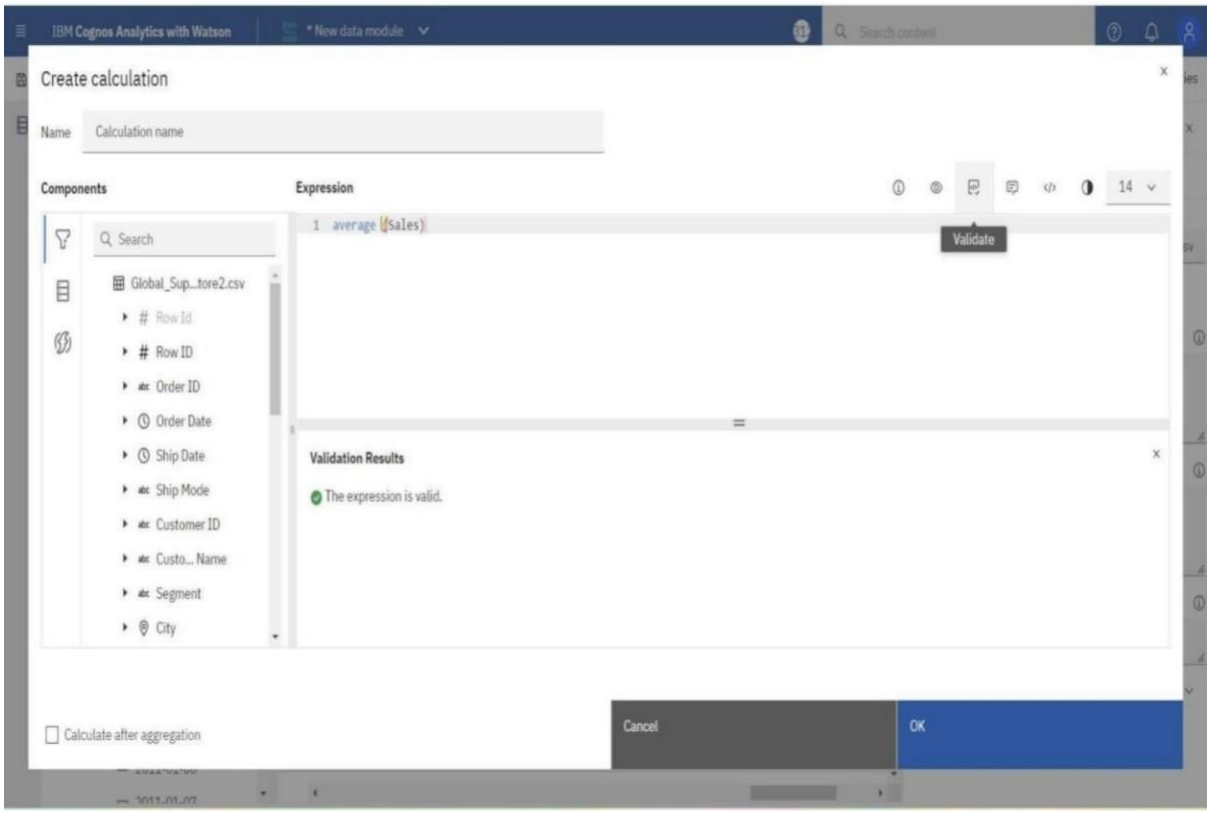
Minimum(sales)


IBM Cognos Analytics with Watson
* New data module
Search content
Create calculation
Name
Calculation name
Components
Expression
14
Search
Global_Sup...tore2.csv
Row Id
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Custo... Name
Segment
City
1 minimum (Sales)
Validation Results
The expression is valid.
Calculate after aggregation
Cancel
OK

Maximum(sales)



Middle Range(sales)


IBM Cognos Analytics with Watson
* New data module
Search content
Create calculation
Name
Calculation name
Components
Expression
Search
Global_Sup...tore2.csv
Row Id
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Custo... Name
Segment
City
1 average ([Sales])
Validate
14
Validation Results
The expression is valid.
Calculate after aggregation
Cancel
OK