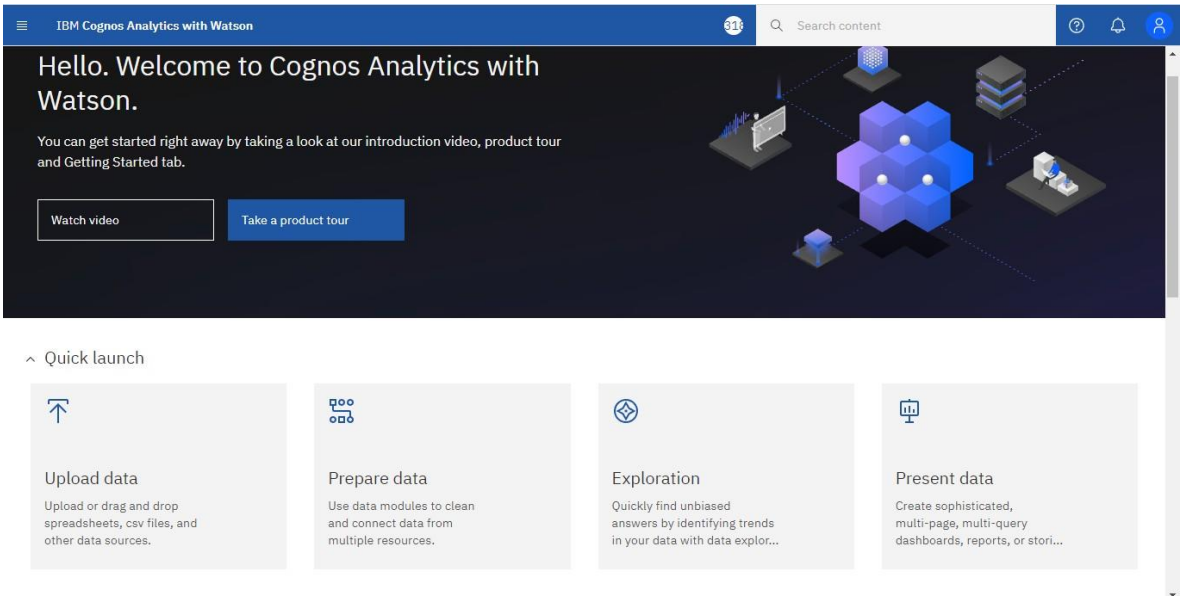
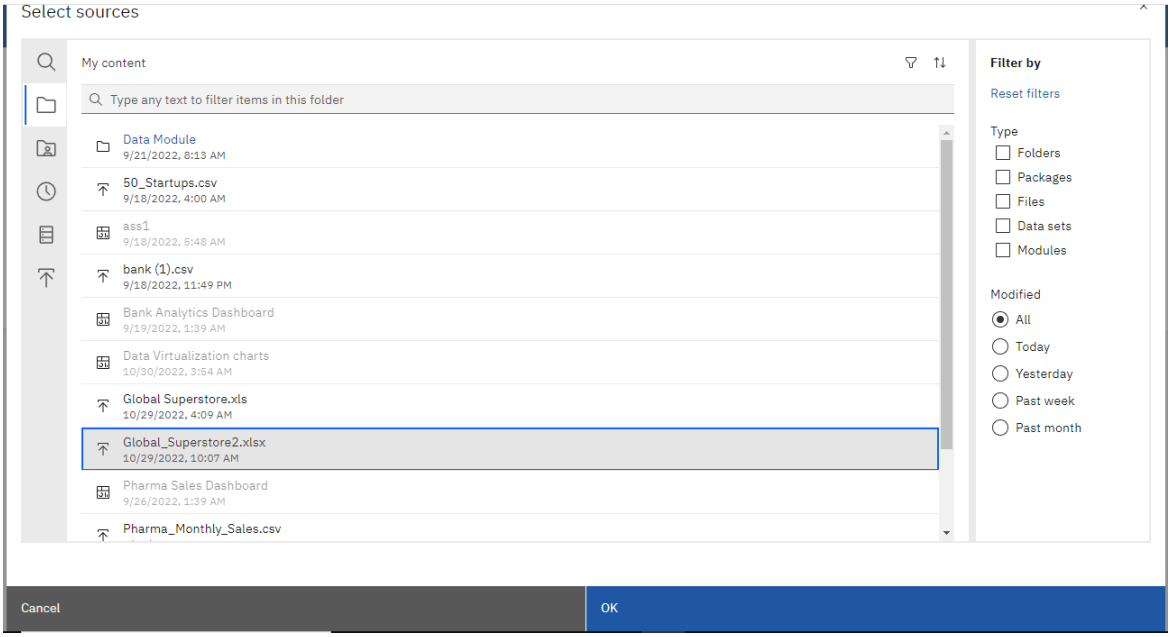
PREPARE THE DATASETS

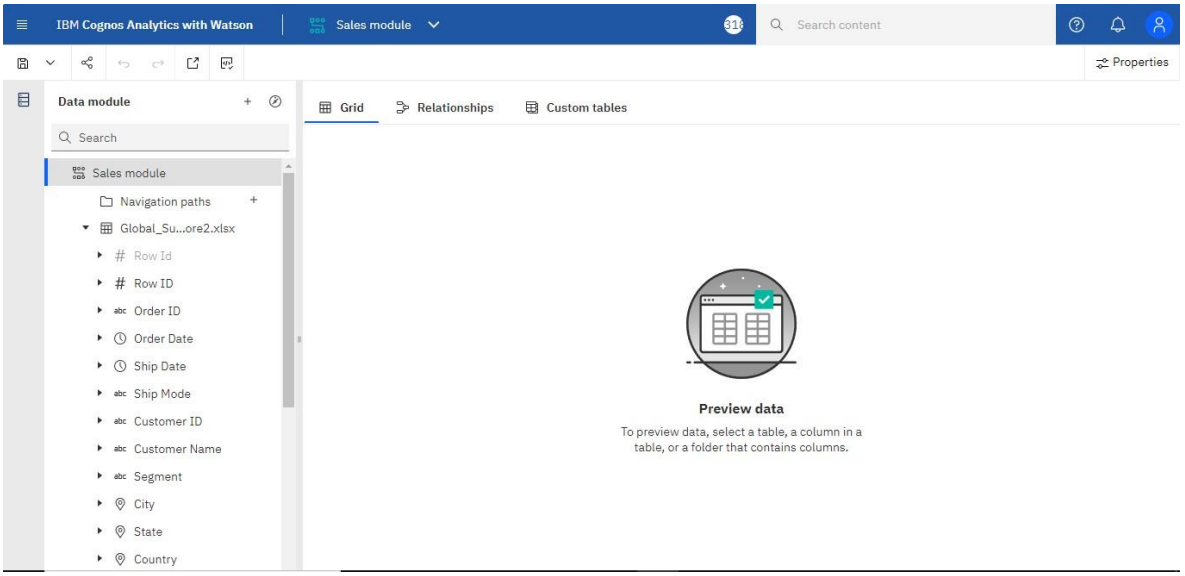
Team ID	PNT2022TMID15658
Project Name	Global Sales Data Analytics

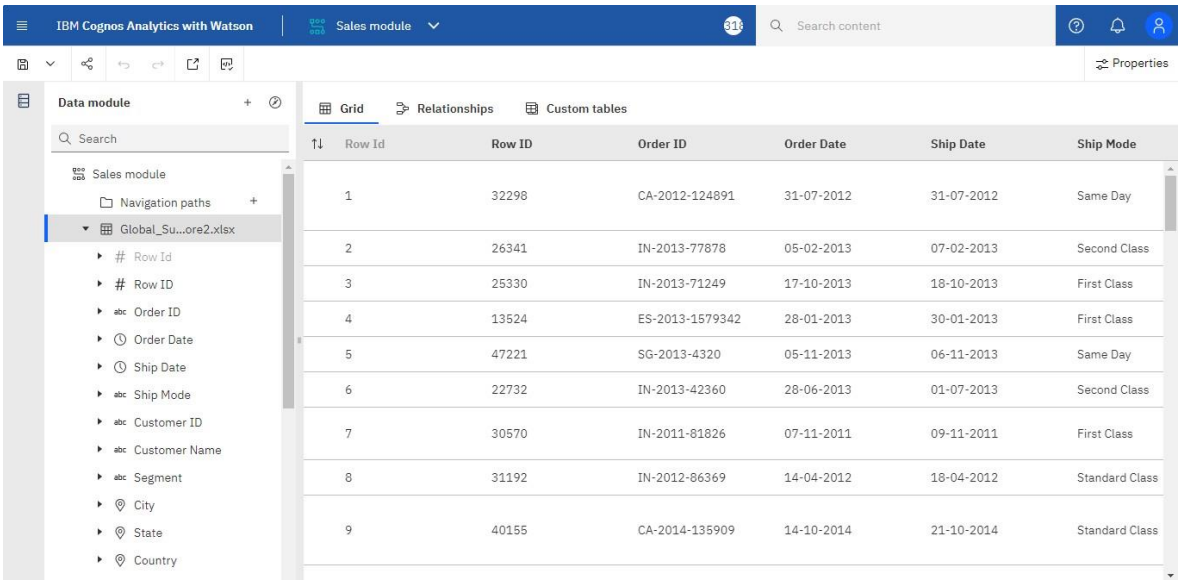
DATA PREPARATION:

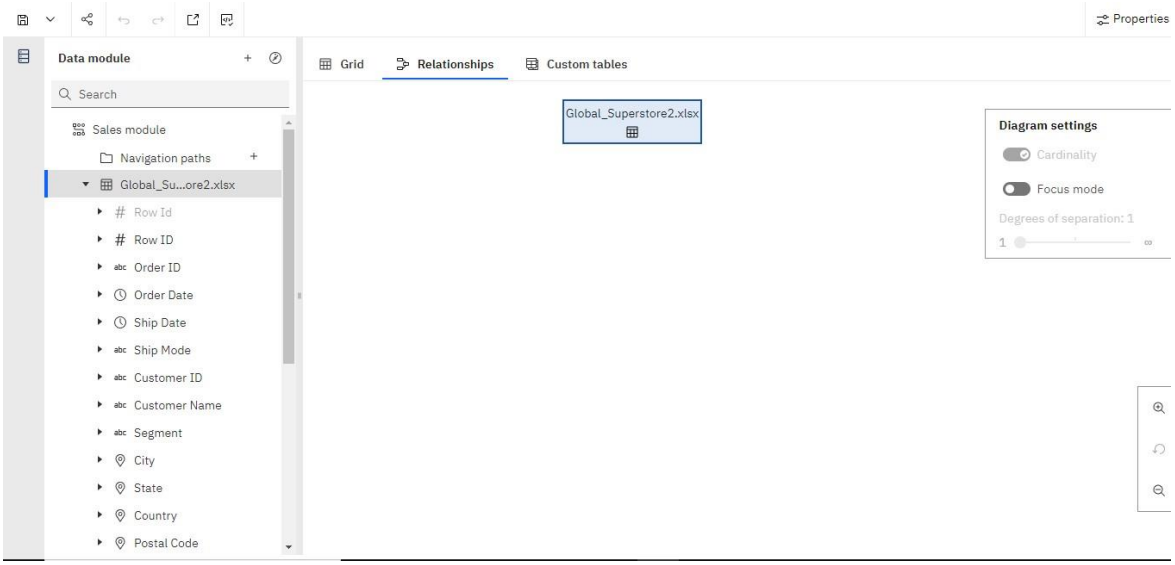
First understand and load the data.

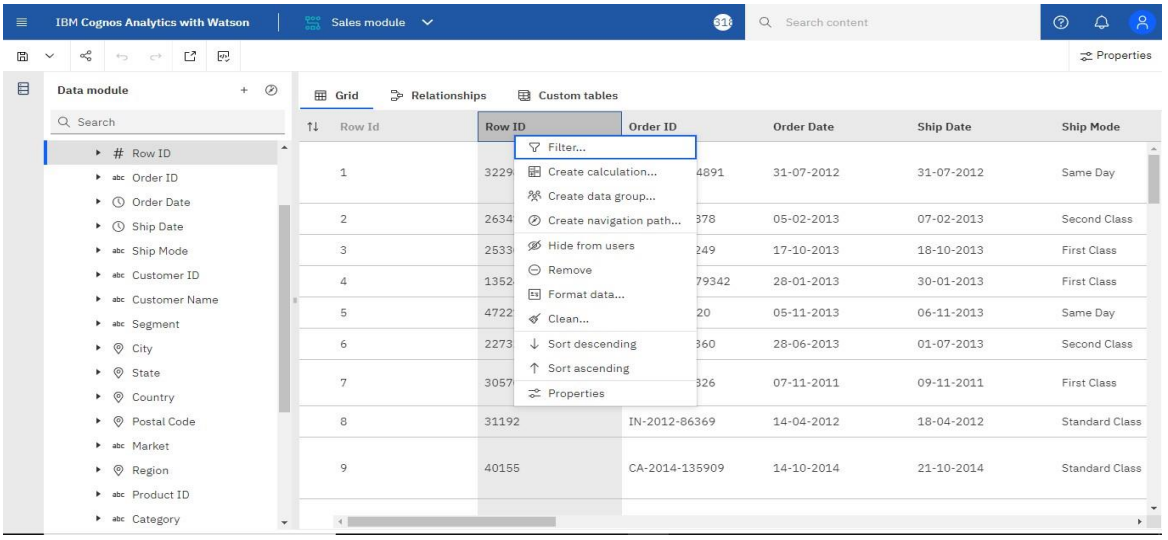


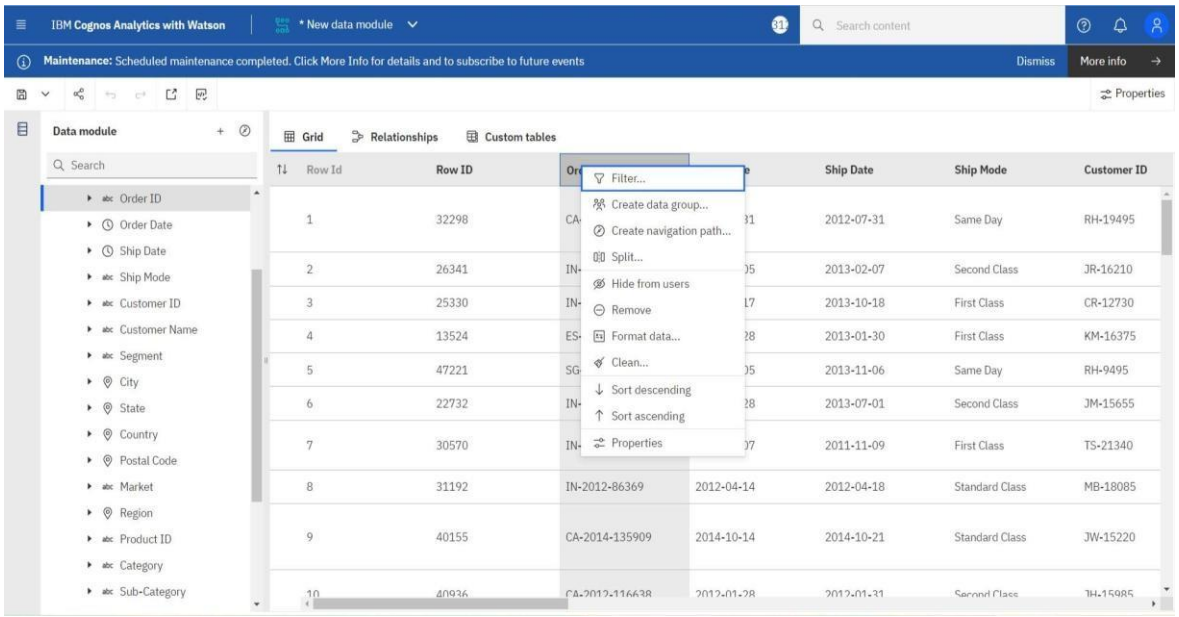


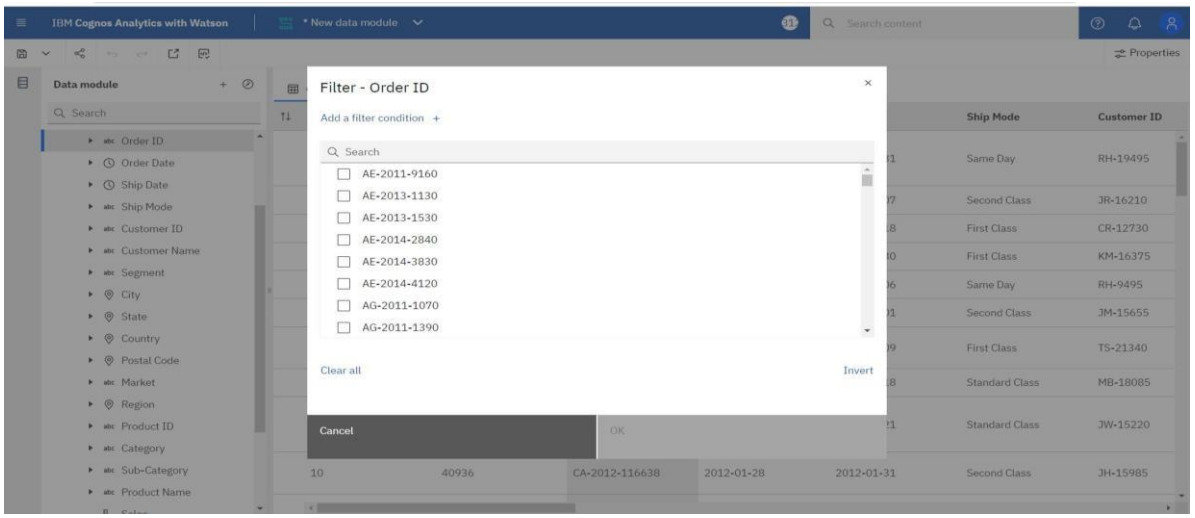

IBM Cognos Analytics with Watson
Sales module
Search content
Properties
Data module
Search
Sales module
Navigation paths
Global_Su...ore2.xlsx
Row Id
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Customer Name
Segment
City
State
Country
Grid
Relationships
Custom tables
Preview data
To preview data, select a table, a column in a table, or a folder that contains columns.


IBM Cognos Analytics with Watson
Sales module
Search content
Properties
Data module
Search
Sales module
Navigation paths
Global_Su...ore2.xlsx
Row Id
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Customer Name
Segment
City
State
Country
Grid
Relationships
Custom tables
Row Id
Row ID
Order ID
Order Date
Ship Date
Ship Mode
1 32298 CA-2012-124891 31-07-2012 31-07-2012 Same Day
2 26341 IN-2013-77878 05-02-2013 07-02-2013 Second Class
3 25330 IN-2013-71249 17-10-2013 18-10-2013 First Class
4 13524 ES-2013-1579342 28-01-2013 30-01-2013 First Class
5 47221 SG-2013-4320 05-11-2013 06-11-2013 Same Day
6 22732 IN-2013-42360 28-06-2013 01-07-2013 Second Class
7 30570 IN-2011-81826 07-11-2011 09-11-2011 First Class
8 31192 IN-2012-86369 14-04-2012 18-04-2012 Standard Class
9 40155 CA-2014-135909 14-10-2014 21-10-2014 Standard Class


Properties
Data module
Search
Sales module
Navigation paths
Global_Su...ore2.xlsx
Row Id
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Customer Name
Segment
City
State
Country
Postal Code
Grid
Relationships
Custom tables
Global_Superstore2.xlsx
Diagram settings
Cardinality
Focus mode
Degrees of separation: 1
1
∞

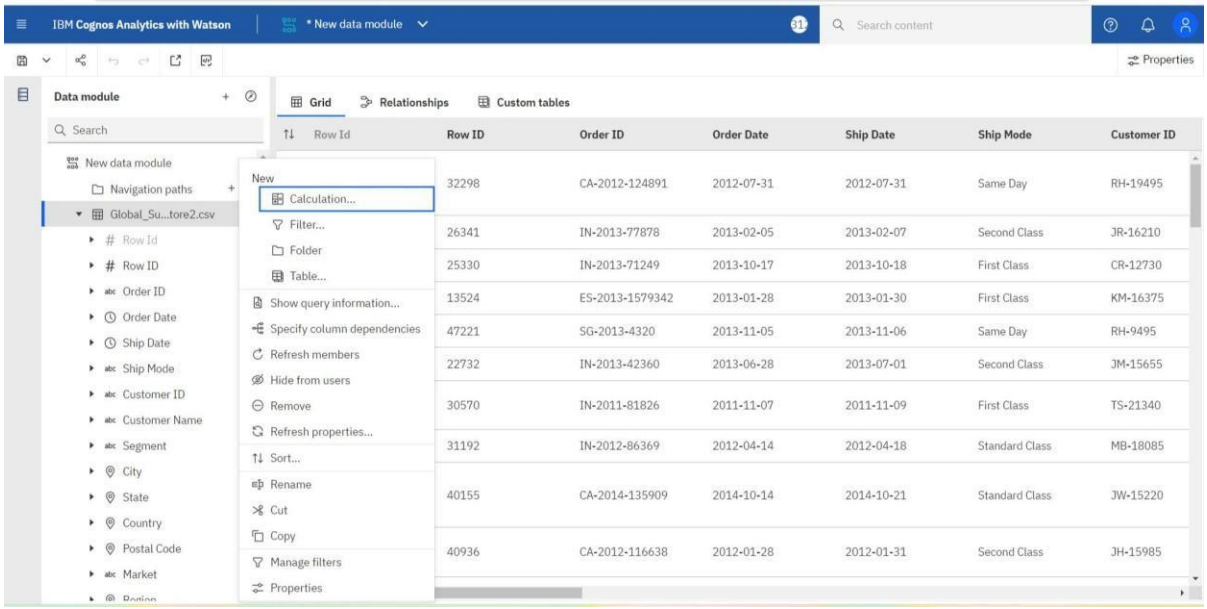


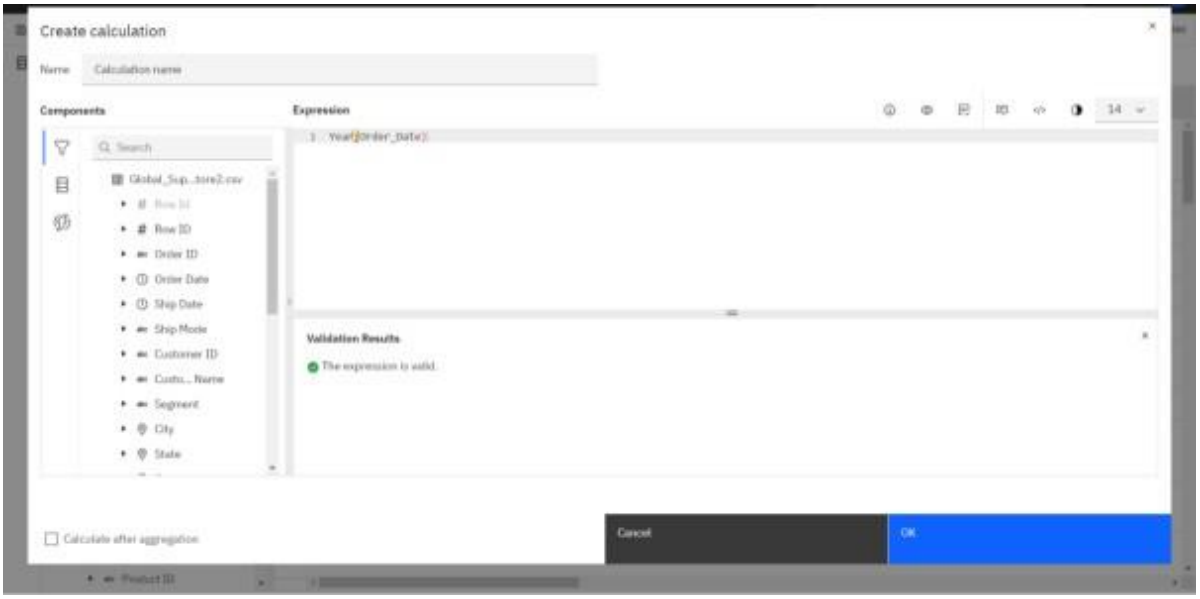


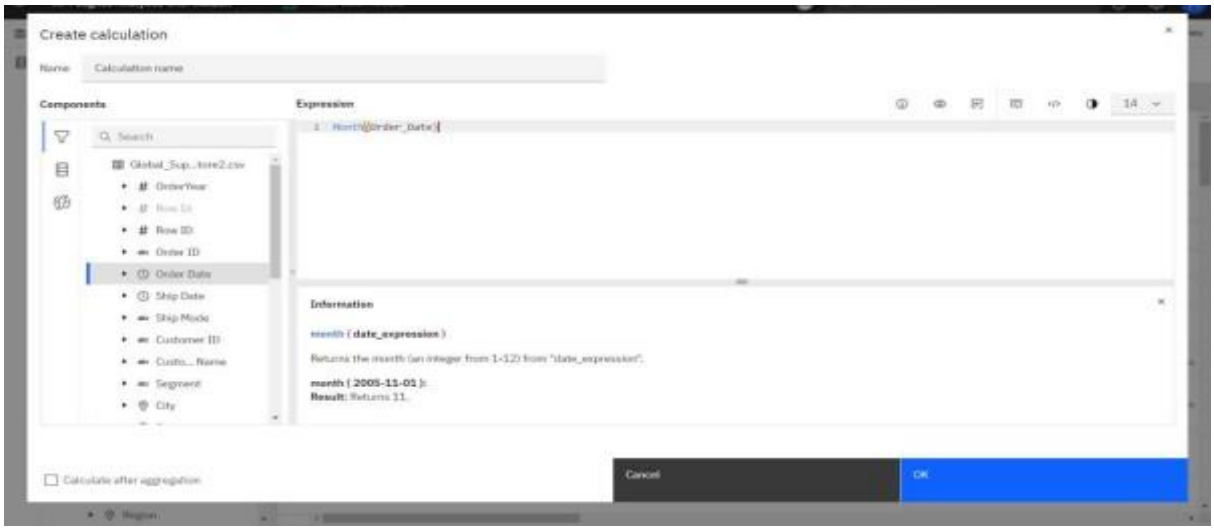


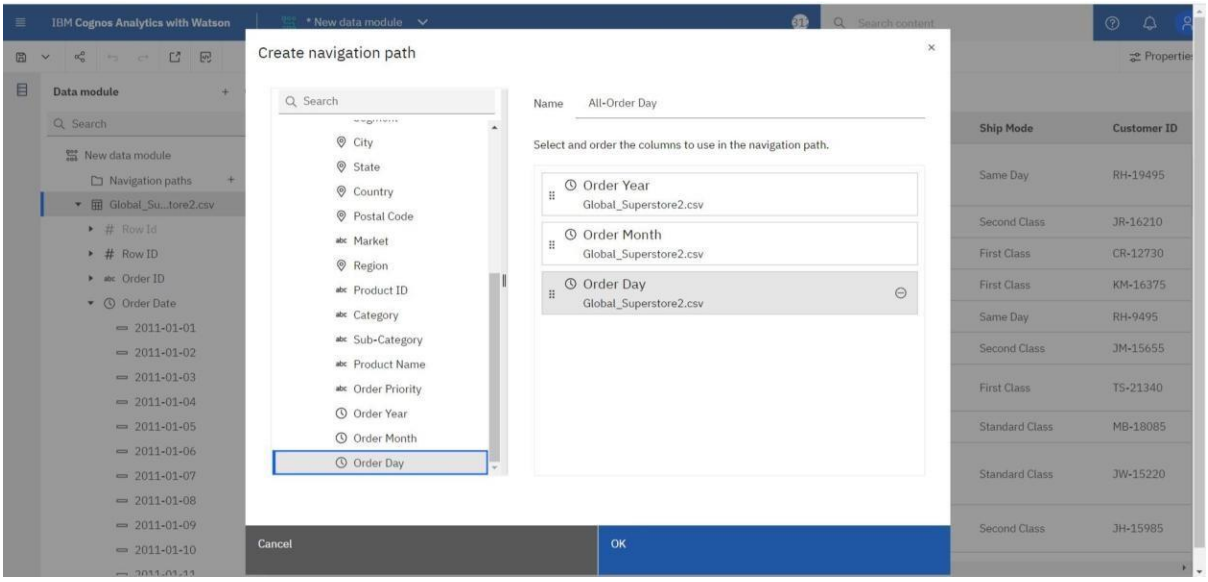
Once cleaned, the data is saved.

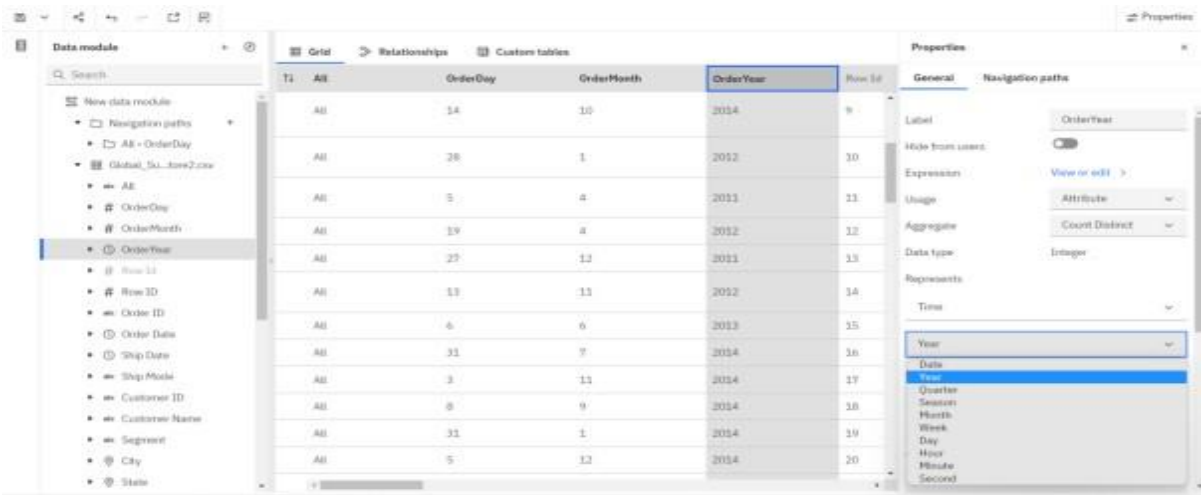
Once you load the data, we need to Prepare the data.



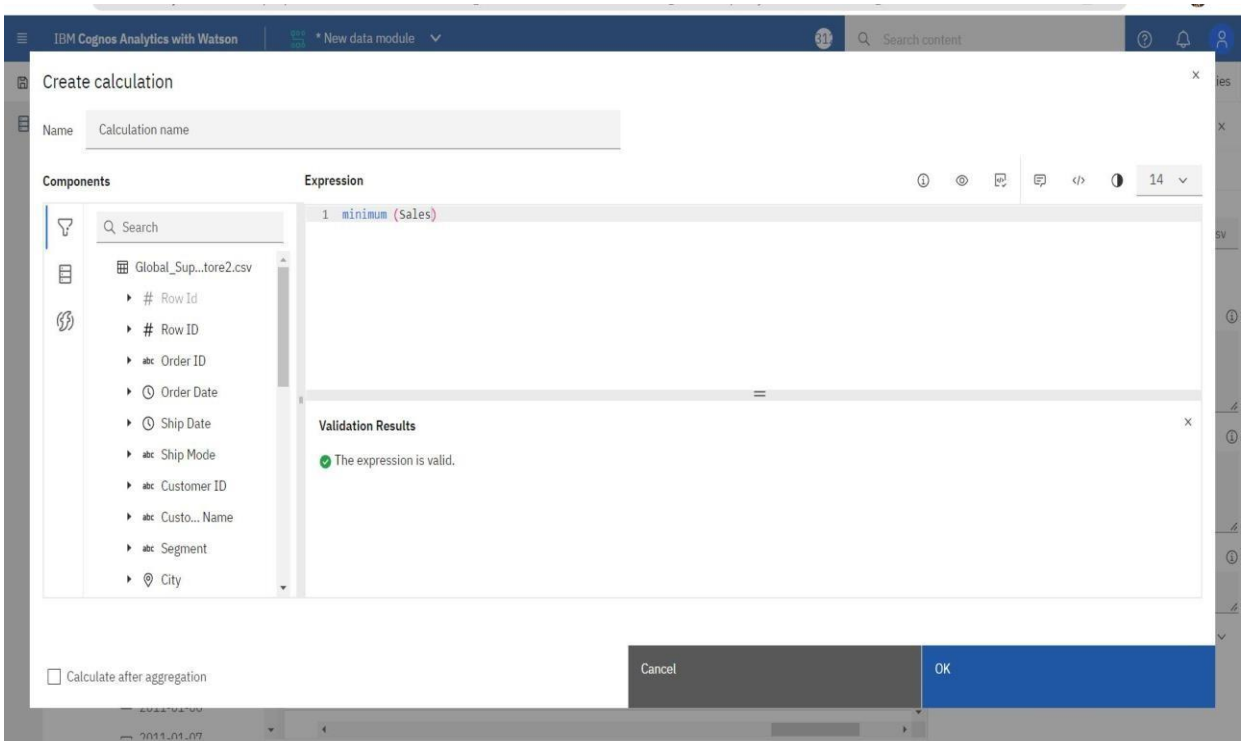



Create calculation
Name
Calculation name
Components
Expression
Search
Global_Sup...tore2.csv
Order Year
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Segment
City
Information
month (date_expression)
Returns the month (an integer from 1-12) from "date_expression".
month (2005-11-01):
Result: Returns 11.
Calculate after aggregation
Cancel
OK

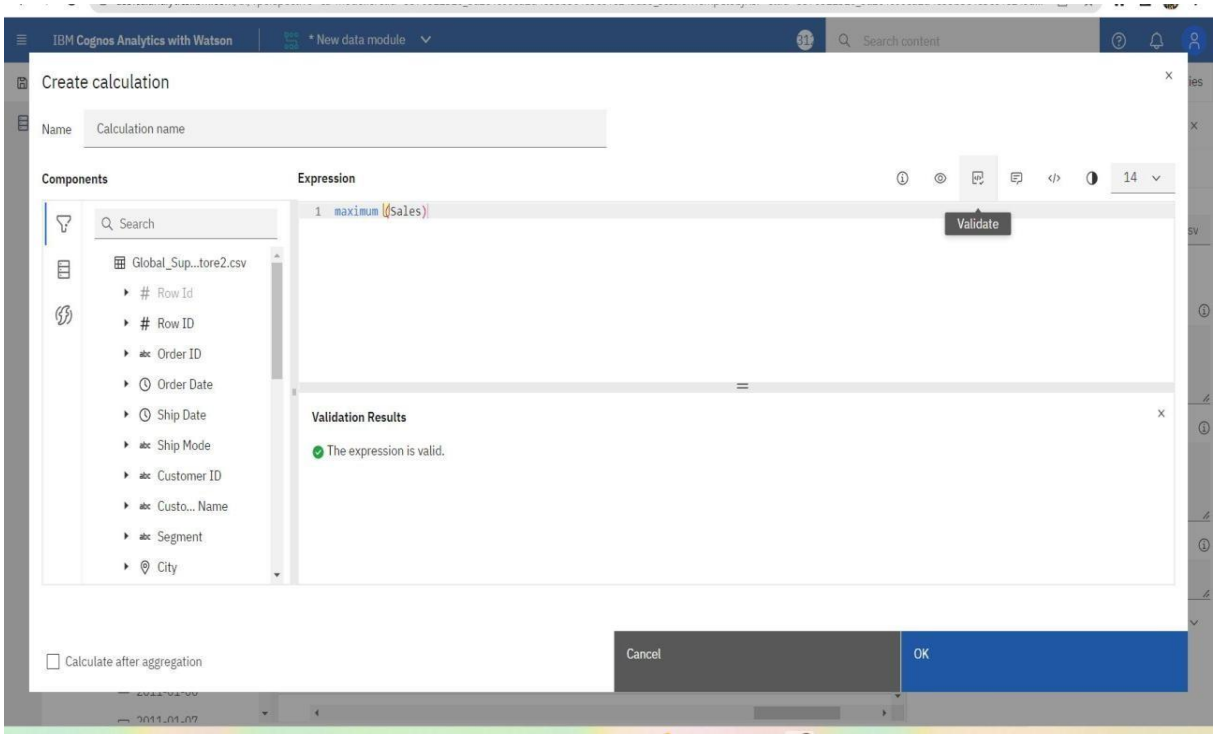
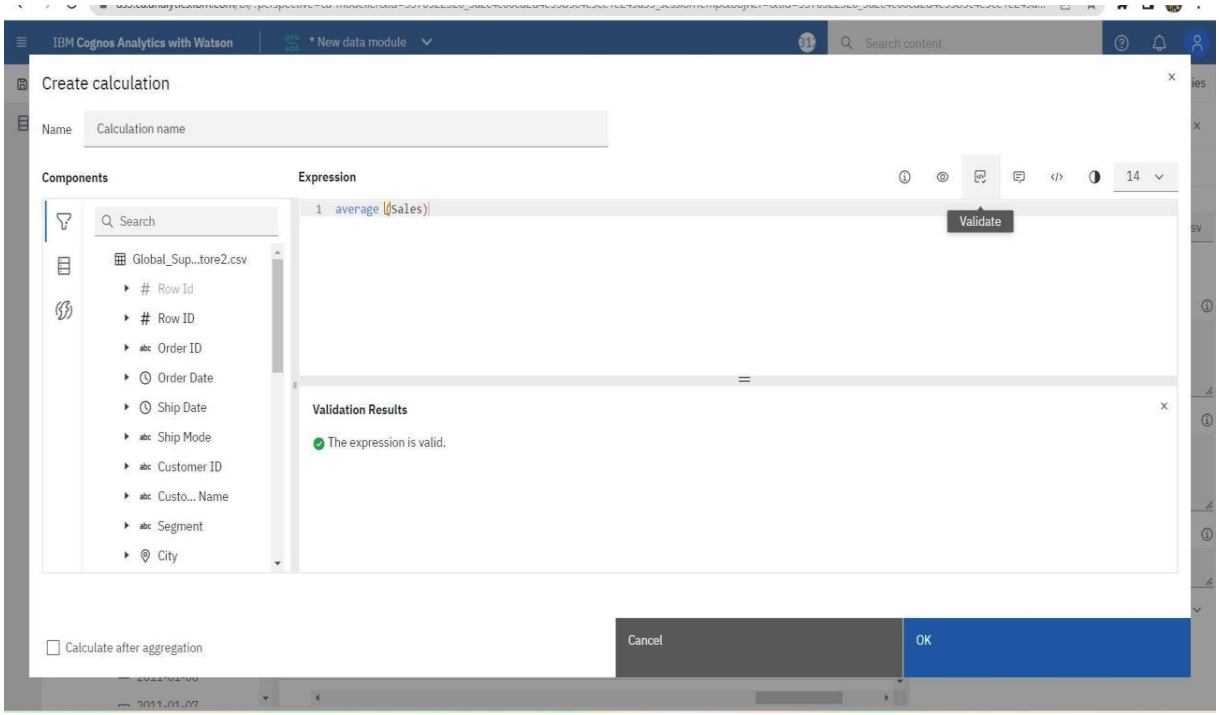

IBM Cognos Analytics with Watson
* New data module
Search content
Create navigation path
Data module
Search
New data module
Navigation paths
Global_Su...tore2.csv
Row Id
Row ID
Order ID
Order Date
2011-01-01
2011-01-02
2011-01-03
2011-01-04
2011-01-05
2011-01-06
2011-01-07
2011-01-08
2011-01-09
2011-01-10
City
State
Country
Postal Code
Market
Region
Product ID
Category
Sub-Category
Product Name
Order Priority
Order Year
Order Month
Order Day
Name
All-Order Day
Select and order the columns to use in the navigation path.
Order Year
Global_Superstore2.csv
Order Month
Global_Superstore2.csv
Order Day
Global_Superstore2.csv
Ship Mode
Customer ID
Same Day
RH-19495
Second Class
JR-16210
First Class
CR-12730
First Class
KM-16375
Same Day
RH-9495
Second Class
JM-15655
First Class
TS-21340
Standard Class
MB-18085
Standard Class
JW-15220
Second Class
JH-15985
Cancel
OK


Data module
Grid
Relationships
Custom tables
Properties
General
Navigation paths
All
OrderDay
OrderMonth
OrderYear
Row Id
Label
Hide from users
Expression
Usage
Attribute
Aggregate
Count Distinct
Data type
Integer
Represents
Time
Year
Date
Year
Quarter
Season
Month
Week
Day
Hour
Minute
Second

Minimum(Sales):



Maximum(Sales):



Average (Sales):