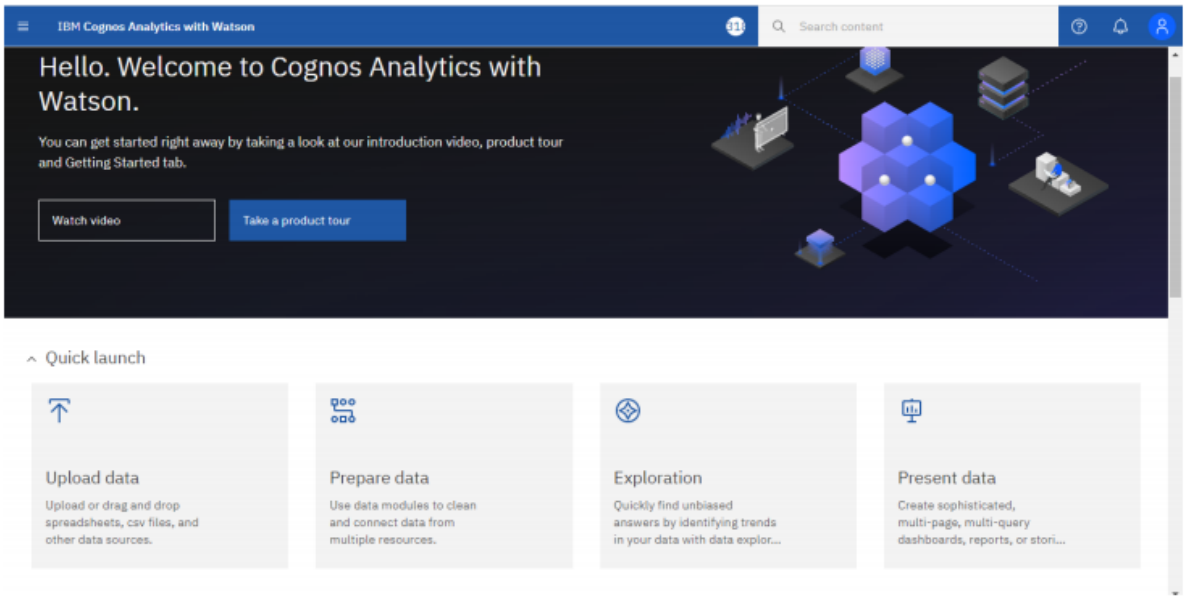
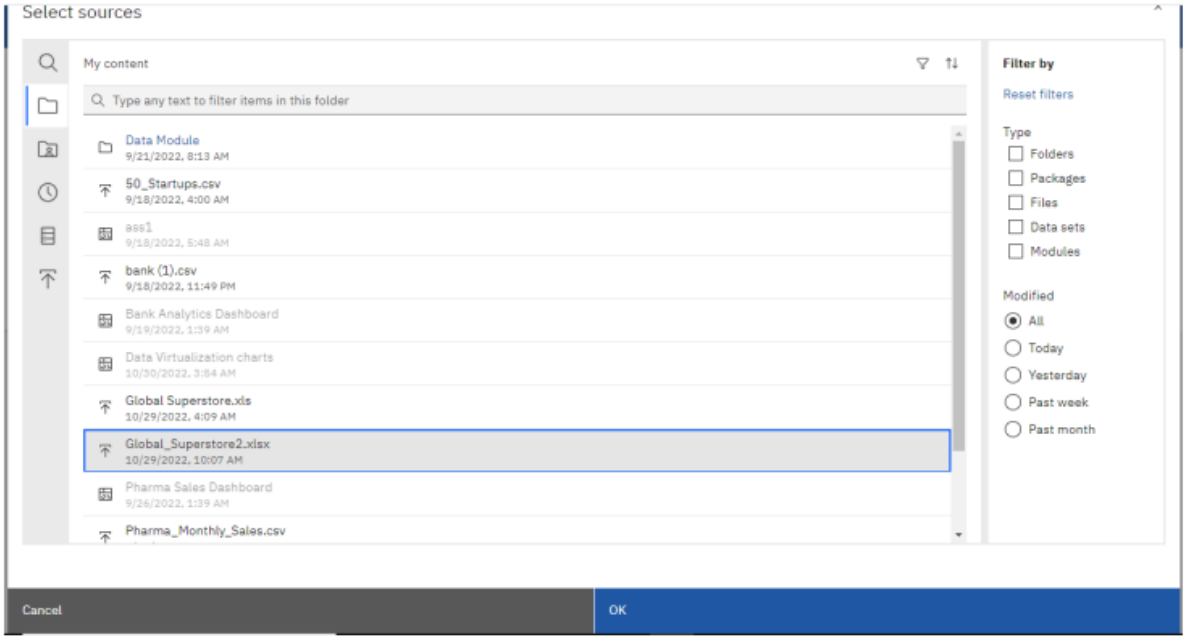
PREPARE THE DATASETS

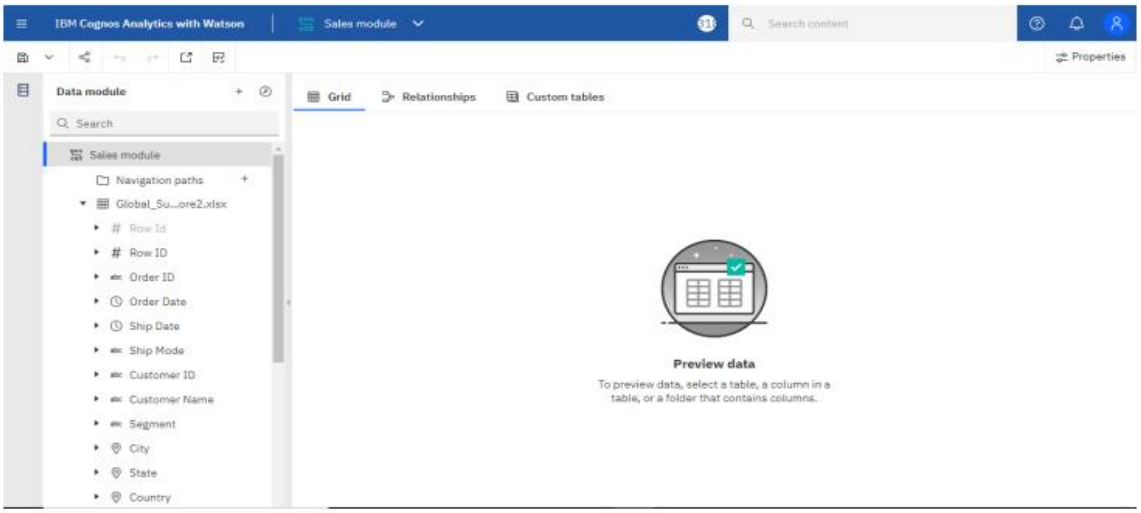
TEAM ID	PNT2022TMID22222
PROJECT NAME	GLOBAL SALES DATA ANALYTICS

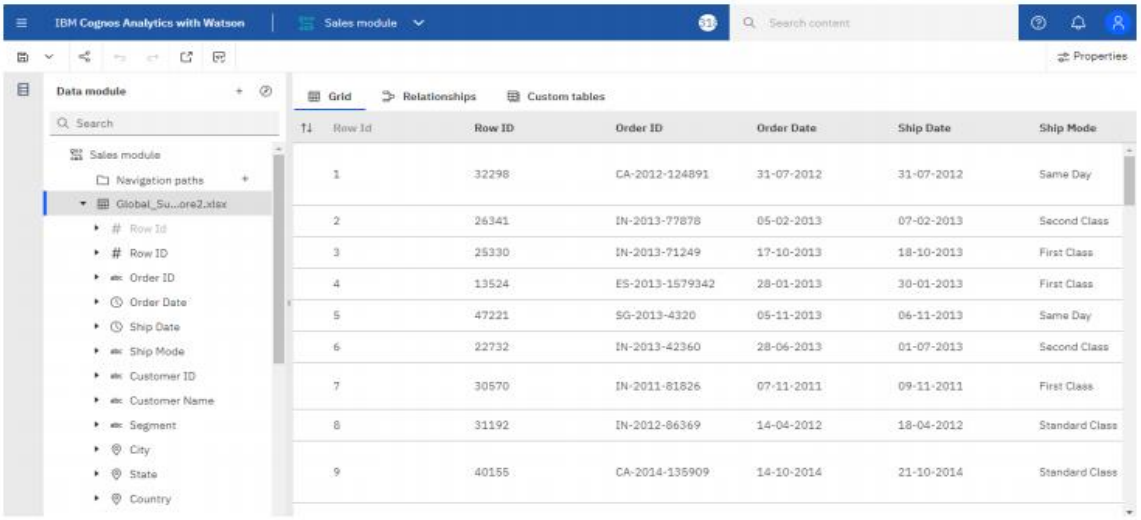
DATA PREPARATION:

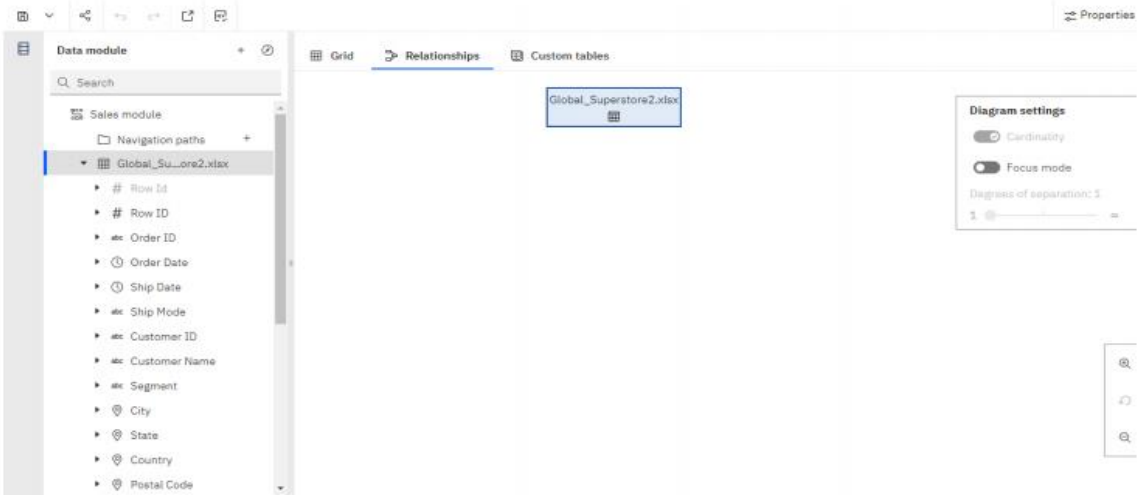
First understand and load the data

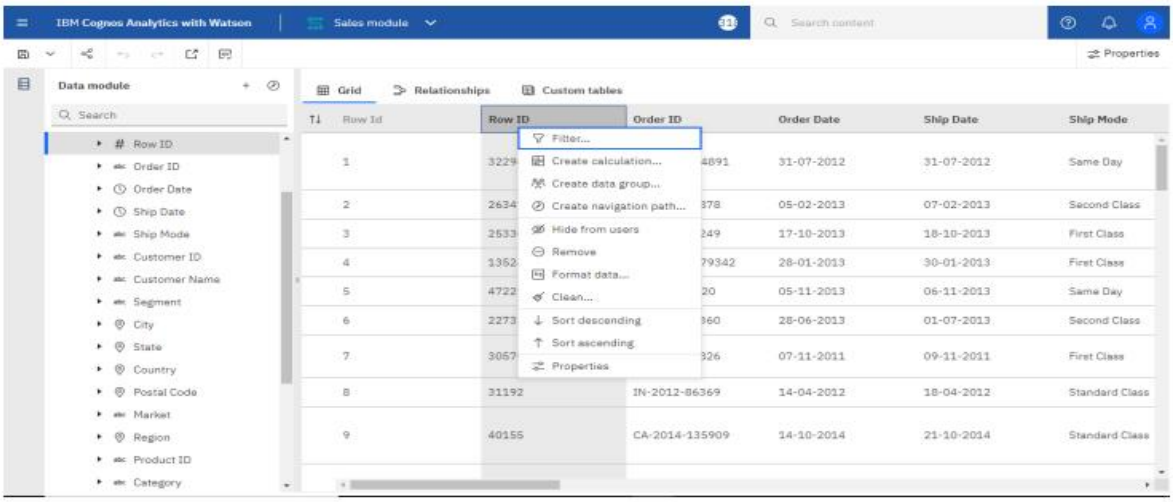


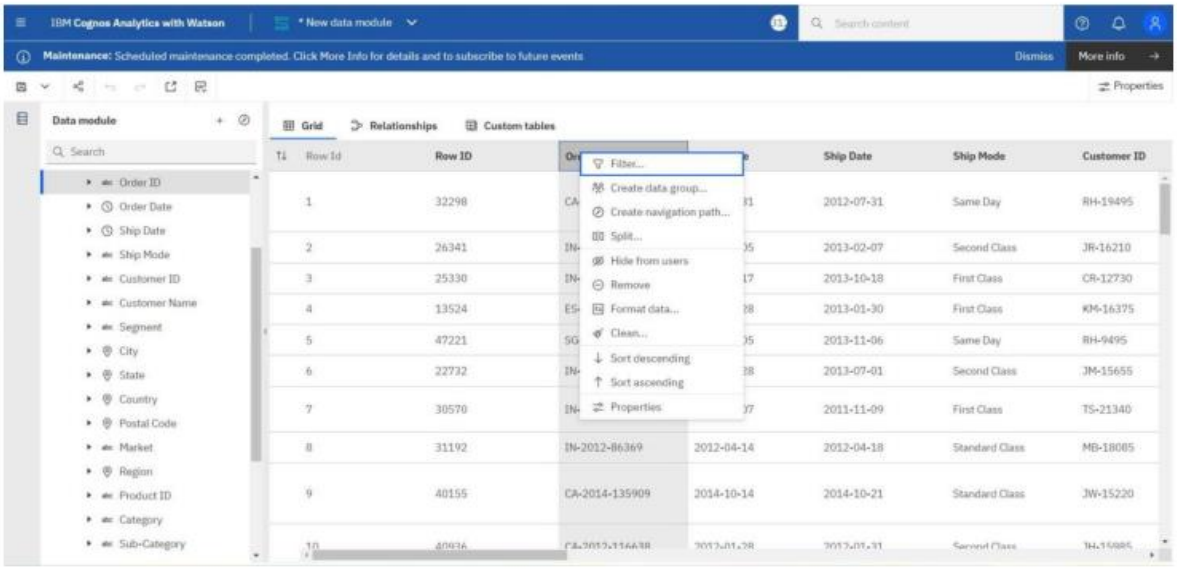


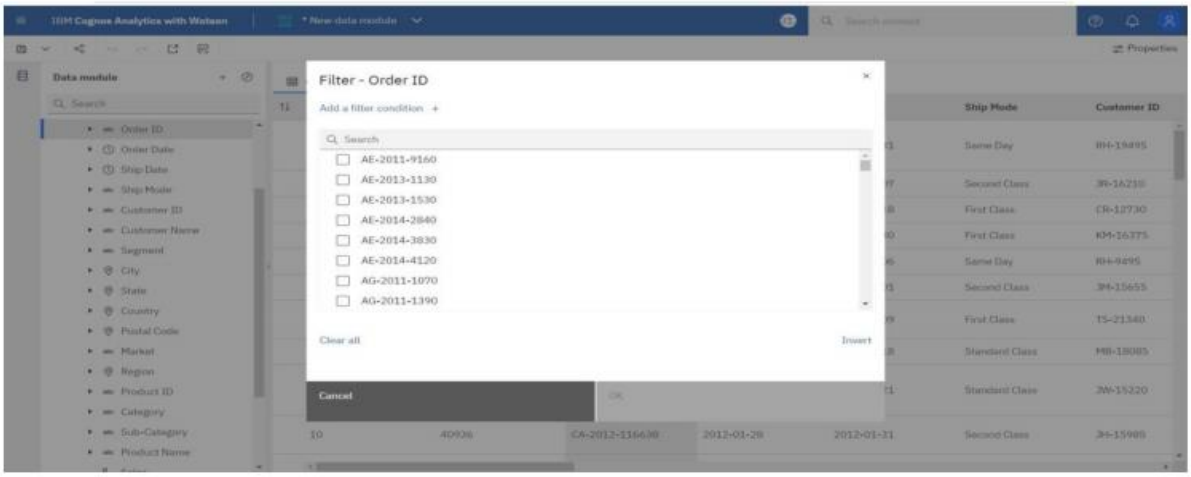

IBM Cognos Analytics with Watson
Sales module
Search content
Properties
Data module
Search
Sales module
Navigation paths
Global_Su...ore2.xlsx
Row Id
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Customer Name
Segment
City
State
Country
Grid
Relationships
Custom tables
Preview data
To preview 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

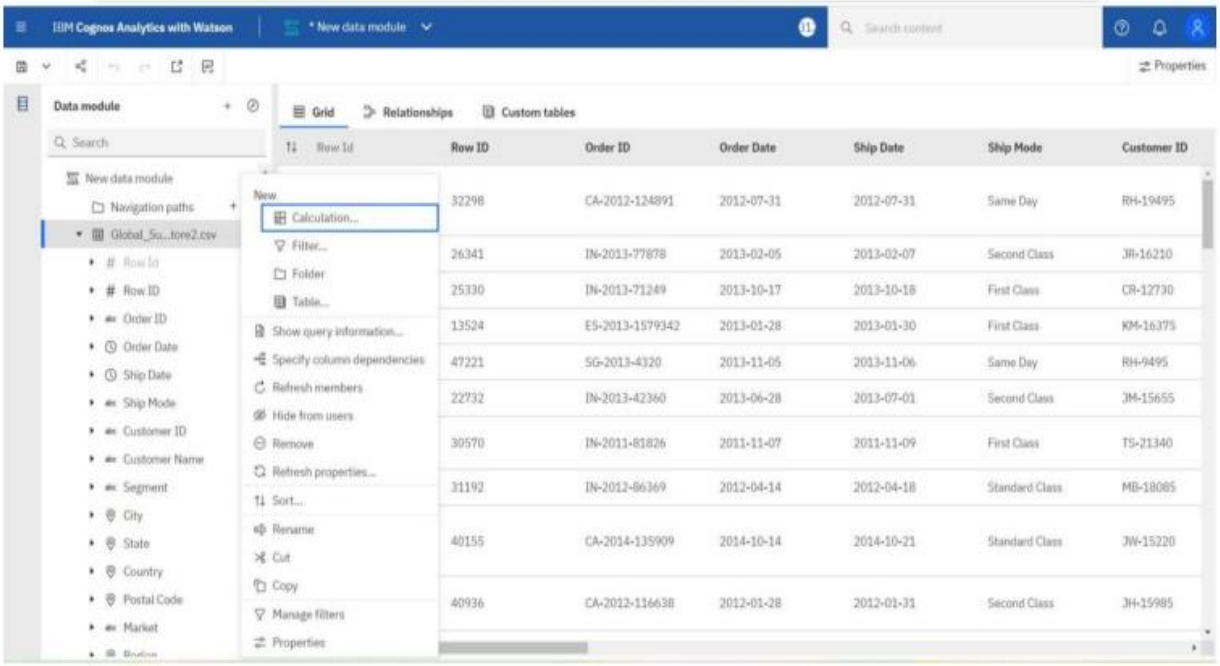

IBM Cognos Analytics with Watson
Sales module
Search content
Properties
Data module
Search
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Customer Name
Segment
City
State
Country
Postal Code
Market
Region
Product ID
Category
Grid
Relationships
Custom tables
Row Id
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Filter...
Create calculation...
Create data group...
Create navigation path...
Hide from users
Remove
Format data...
Clean...
Sort descending
Sort ascending
Properties
1 3229 4891 31-07-2012 31-07-2012 Same Day
2 2634 378 05-02-2013 07-02-2013 Second Class
3 2533 249 17-10-2013 18-10-2013 First Class
4 1352 79342 28-01-2013 30-01-2013 First Class
5 4722 20 05-11-2013 06-11-2013 Same Day
6 2273 360 28-06-2013 01-07-2013 Second Class
7 3057 326 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

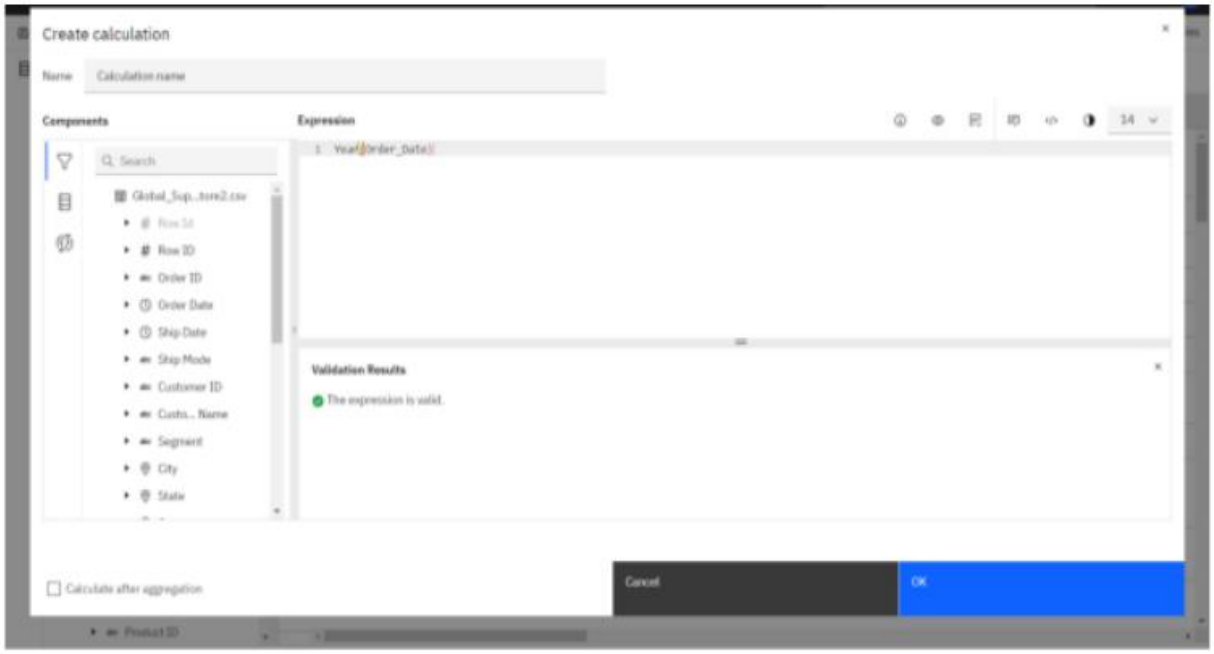

IBM Cognos Analytics with Watson
* New data module
Search content
Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events
Dismiss
More info
Properties
Data module
Search
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Customer Name
Segment
City
State
Country
Postal Code
Market
Region
Product ID
Category
Sub-Category
Grid
Relationships
Custom tables
Row Id
Row ID
Ship Date
Ship Mode
Customer ID
Filter...
Create data group...
Create navigation path...
Split...
Hide from users
Remove
Format data...
Clean...
Sort descending
Sort ascending
Properties
1 32298 2012-07-31 Same Day RH-19495
2 26341 2013-02-07 Second Class JR-16210
3 25330 2013-10-18 First Class CR-12730
4 13524 2013-01-30 First Class KM-16375
5 47221 2013-11-06 Same Day RH-9495
6 22732 2013-07-01 Second Class JM-15655
7 30570 2011-11-09 First Class TS-21340
8 31192 IN-2012-86369 2012-04-14 2012-04-18 Standard Class MB-18085
9 40155 CA-2014-135909 2014-10-14 2014-10-21 Standard Class JW-15220

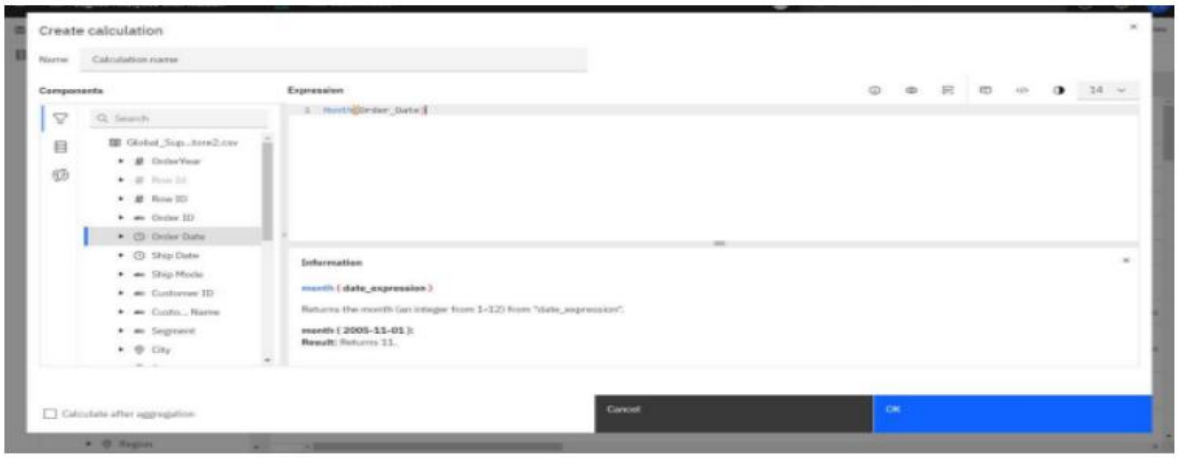

Filter - Order ID
Add a filter condition
Search
AE-2011-9160
AE-2013-1130
AE-2013-1530
AE-2014-2840
AE-2014-3830
AE-2014-4120
AG-2011-1070
AG-2011-1390
Clear all
Insert
Cancel
OK

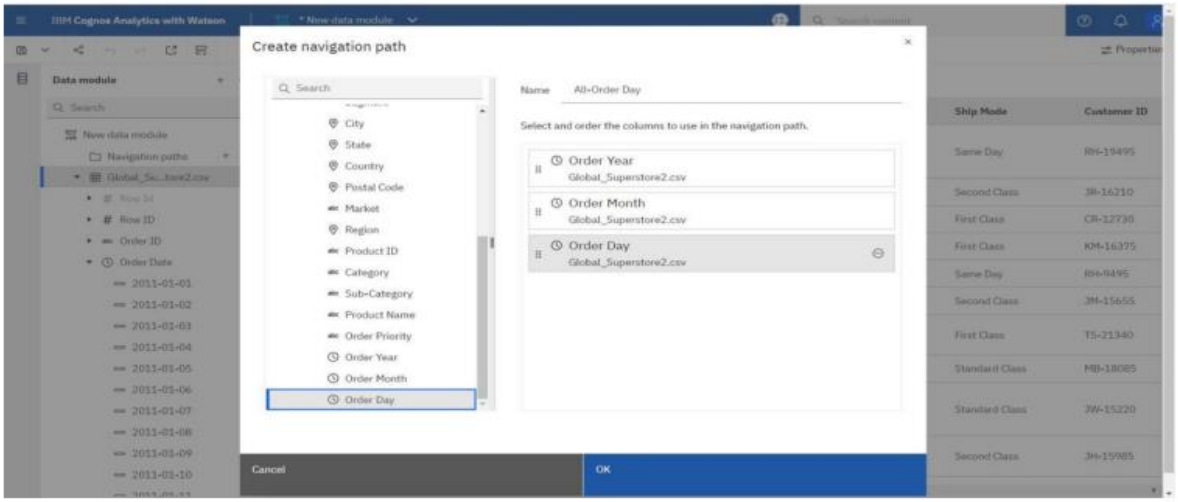
Once cleaned, the data is saved.

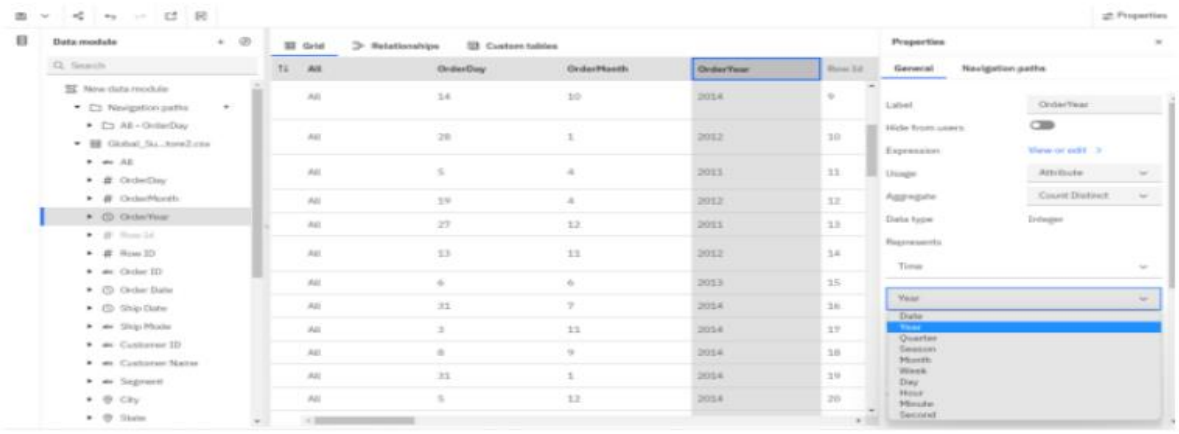
Once you load the data, we need to Prepare the data



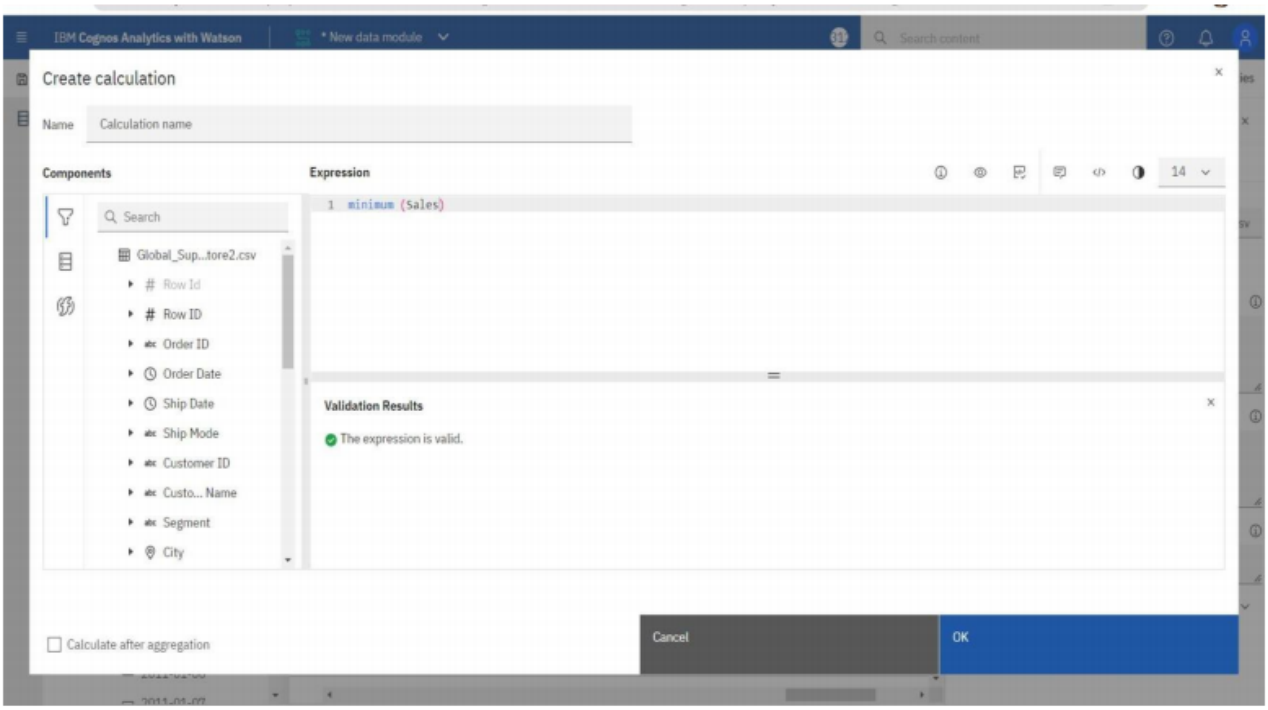



Create calculation
Name
Calculation name
Components
Expression
Information
Cancel
OK

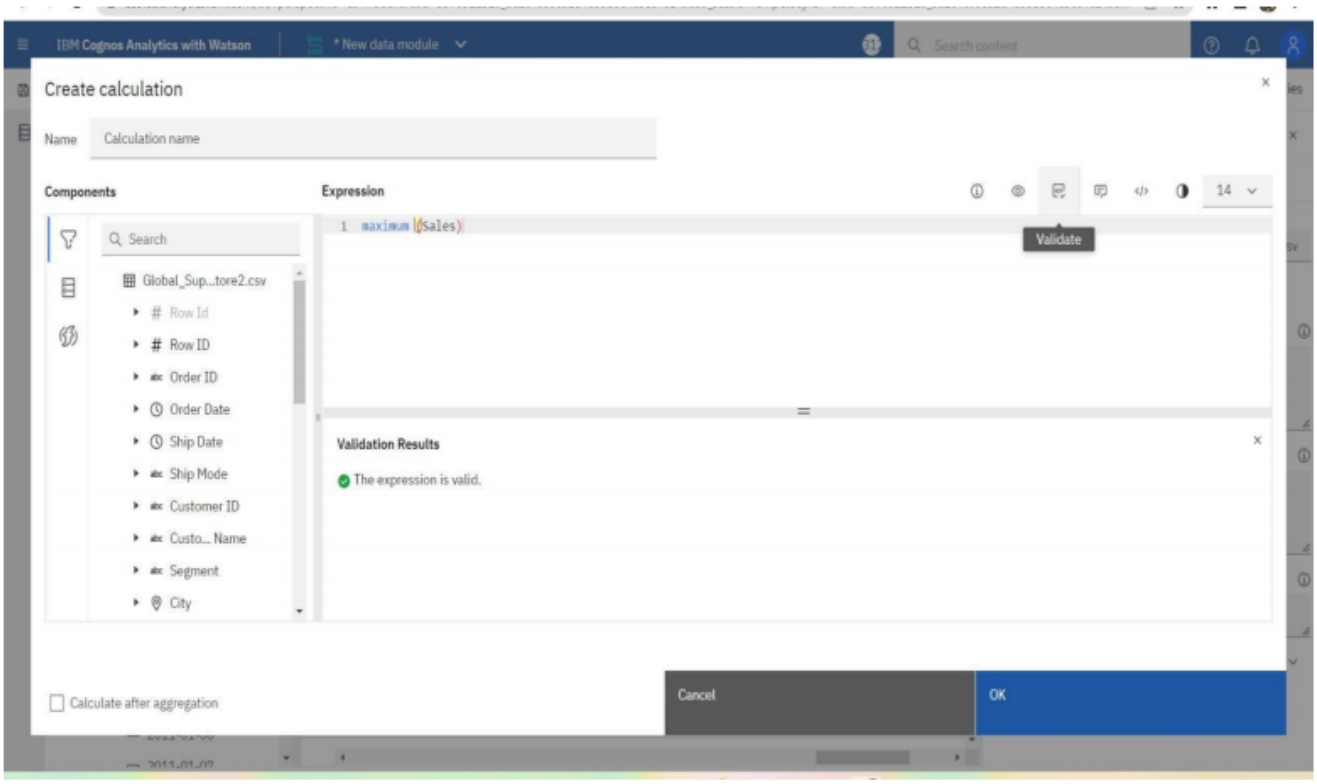
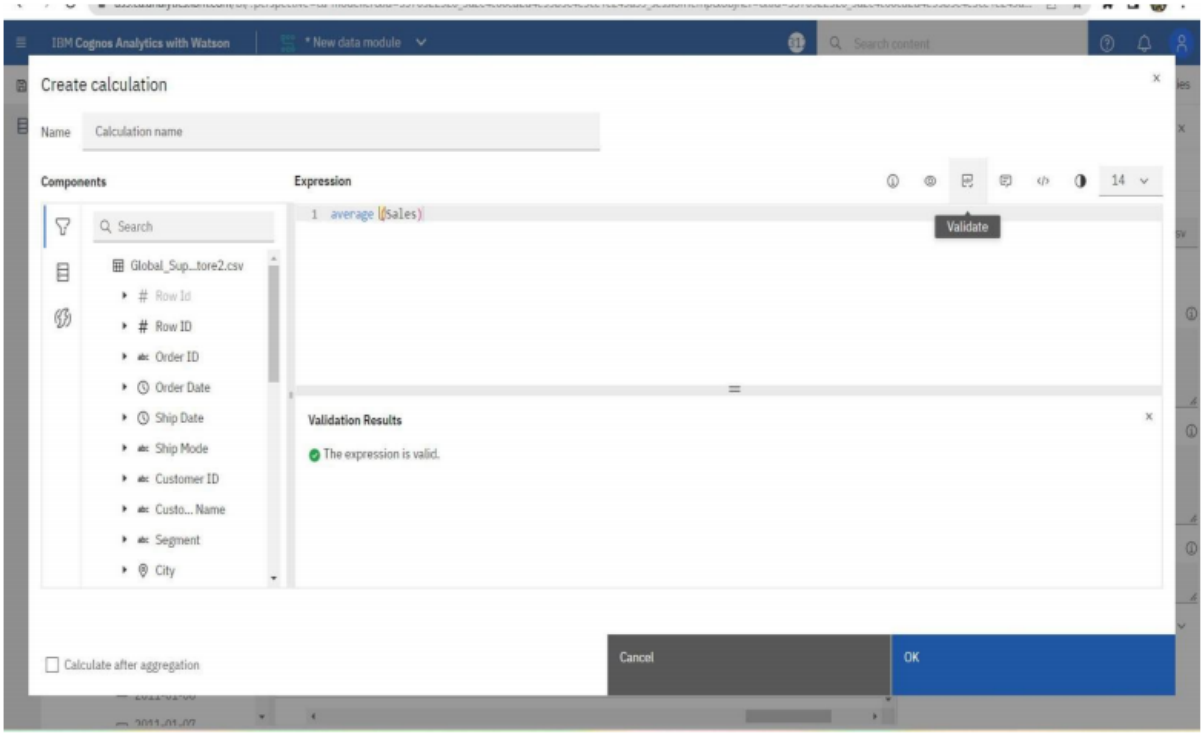

IBM Cognos Analytics with Watson
Create navigation path
Data module
Name
All-Order Day
Select and order the columns to use in the navigation path.
Order Year
Global_Superstore2.csv
Order Month
Global_Superstore2.csv
Order Day
Global_Superstore2.csv
City
State
Country
Postal Code
Market
Region
Product ID
Category
Sub-Category
Product Name
Order Priority
Order Year
Order Month
Order Day
Cancel
OK


Data module
Grid
Relationships
Custom tables
Properties
General
Navigation paths
All
OrderDay
OrderMonth
OrderYear

Minimum(Sales):



Maximum(Sales):



Average (Sales):