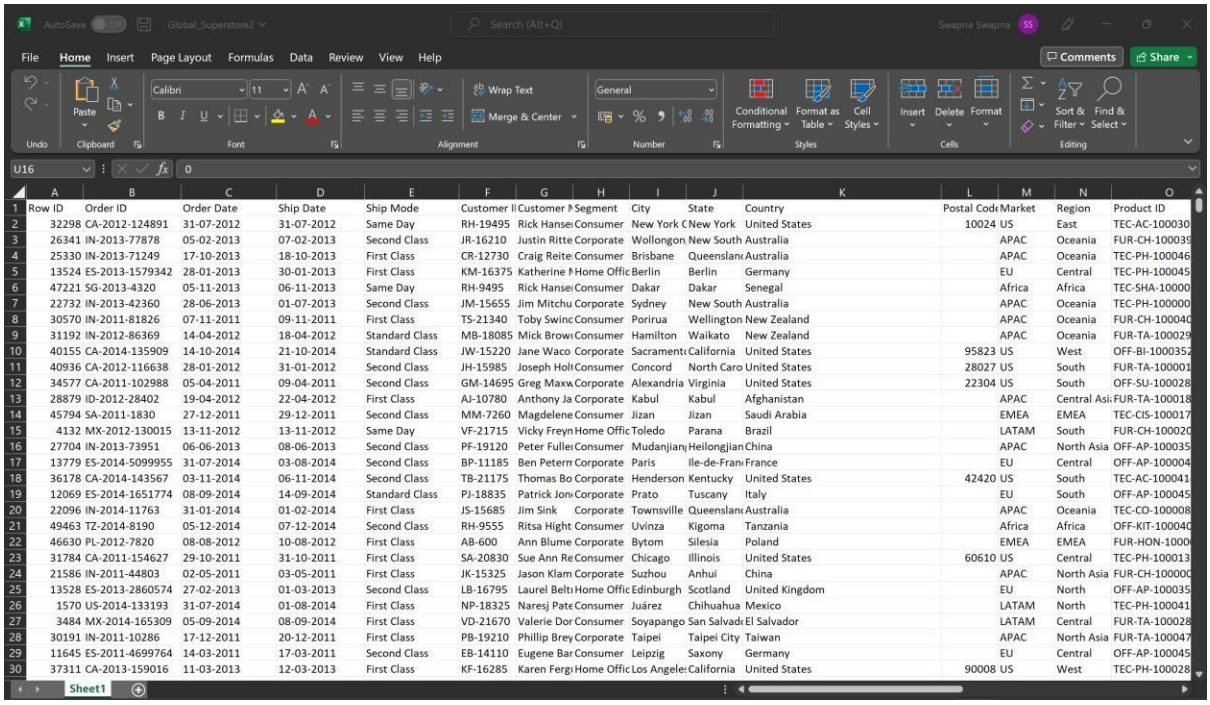
PROJECT DEVELOPMENT PHASE SPRINT -2

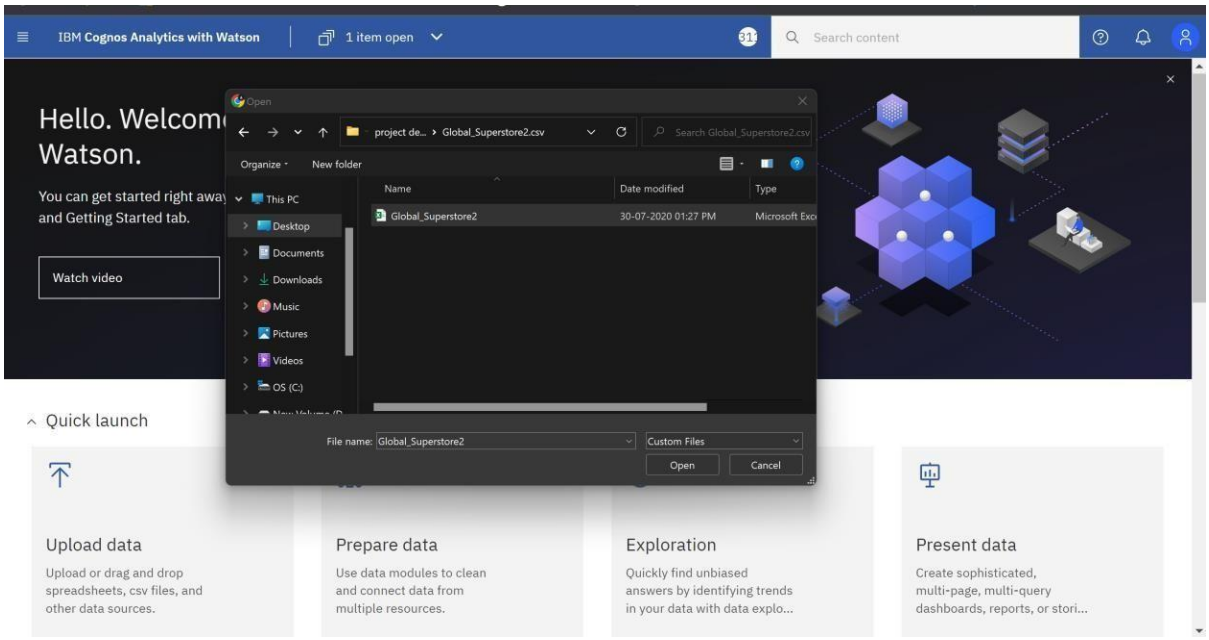
Date	05 November 2022
Team ID	PNT2022TMID34242
Project Name	Project - Global Sales Data Analytics

Dataset:



Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	City	State	Country	Postal Code	Market	Region	Product ID
32298	CA-2012-124891	31-07-2012	31-07-2012	Same Day	RH-19495	Rick Hansen	Consumer	New York City	New York	United States	10024	US	East	TEC-AC-100030
26341	IN-2013-77878	05-02-2013	07-02-2013	Second Class	JR-16210	Justin Ritter	Corporate	Wollongong	New South	Australia		APAC	Oceania	FUR-CH-100039
25330	IN-2013-71249	17-10-2013	18-10-2013	First Class	CR-12730	Craig Reiter	Consumer	Brisbane	Queensland	Australia		APAC	Oceania	TEC-PH-100046
13524	ES-2013-1579342	28-01-2013	30-01-2013	First Class	KM-16375	Katherine M	Home Offic	Berlin	Berlin	Germany		EU	Central	TEC-PH-100045
47221	SG-2013-4320	05-11-2013	06-11-2013	Same Day	RH-9495	Rick Hansen	Consumer	Dakar	Dakar	Senegal		Africa	Africa	TEC-SHA-10000
22732	IN-2013-42360	28-06-2013	01-07-2013	Second Class	JM-15655	Jim Mitchu	Corporate	Sydney	New South	Australia		APAC	Oceania	TEC-PH-100000
30570	IN-2011-81826	07-11-2011	09-11-2011	First Class	TS-21340	Toby Swinc	Consumer	Porirua	Wellington	New Zealand		APAC	Oceania	FUR-CH-10004(
31192	IN-2012-86369	14-04-2012	18-04-2012	Standard Class	MB-18085	Mick Brown	Consumer	Hamilton	Waikato	New Zealand		APAC	Oceania	FUR-TA-100029
40155	CA-2014-135909	14-10-2014	21-10-2014	Standard Class	JW-15220	Jane Waco	Corporate	Sacramento	California	United States	95823	US	West	OFF-BI-1000352
40936	CA-2012-116638	28-01-2012	31-01-2012	Second Class	JH-15985	Joseph Holt	Consumer	Concord	North Caro	United States	28027	US	South	FUR-TA-100001
34577	CA-2011-102988	05-04-2011	09-04-2011	Second Class	GM-14695	Greg Maxw	Corporate	Alexandria	Virginia	United States	22304	US	South	OFF-SU-100028
28879	ID-2012-28402	19-04-2012	22-04-2012	First Class	AJ-10780	Anthony Ja	Corporate	Kabul	Kabul	Afghanistan		APAC	Central Asi	FUR-TA-100018
45794	SA-2011-1830	27-12-2011	29-12-2011	Second Class	MM-7260	Magdelene	Consumer	Jizan	Jizan	Saudi Arabia		EMEA	EMEA	TEC-CIS-100017
4132	MX-2012-130015	13-11-2012	13-11-2012	Same Day	VF-21715	Vicky Freyn	Home Offic	Toledo	Parana	Brazil		LATAM	South	FUR-CH-10002(
27704	IN-2013-73951	06-06-2013	08-06-2013	Second Class	PF-19120	Peter Fuller	Consumer	Mudanjiang	Heilongjian	China		APAC	North Asia	OFF-AP-100035
13779	ES-2014-5099955	31-07-2014	03-08-2014	Second Class	BP-11185	Ben Peterm	Corporate	Paris	Ile-de-Fran	France		EU	Central	OFF-AP-100004
36178	CA-2014-143567	03-11-2014	06-11-2014	Second Class	TB-21175	Thomas Bo	Corporate	Henderson	Kentucky	United States	42420	US	South	TEC-AC-100041
12069	ES-2014-1651774	08-09-2014	14-09-2014	Standard Class	PJ-18835	Patrick Jon	Corporate	Prato	Tuscany	Italy		EU	South	OFF-AP-100045
22096	IN-2014-11763	31-01-2014	01-02-2014	First Class	JS-15685	Jim Sink	Corporate	Townsville	Queensland	Australia		APAC	Oceania	TEC-CO-100008
49463	TZ-2014-8190	05-12-2014	07-12-2014	Second Class	RH-9555	Ritsa Hight	Consumer	Uvinza	Kigoma	Tanzania		Africa	Africa	OFF-KIT-10004(
46630	PL-2012-7820	08-08-2012	10-08-2012	First Class	AB-600	Ann Blume	Corporate	Bytom	Silesia	Poland		EMEA	EMEA	FUR-HON-1000(
31784	CA-2011-154627	29-10-2011	31-10-2011	First Class	SA-20830	Sue Ann Re	Consumer	Chicago	Illinois	United States	60610	US	Central	TEC-PH-100013
21586	IN-2011-44803	02-05-2011	03-05-2011	First Class	JK-15325	Jason Klam	Corporate	Suzhou	Anhui	China		APAC	North Asia	FUR-CH-100000
13528	ES-2013-2860574	27-02-2013	01-03-2013	Second Class	LB-16795	Laurel Belt	Home Offic	Edinburgh	Scotland	United Kingdom		EU	North	OFF-AP-100035
1570	US-2014-133193	31-07-2014	01-08-2014	First Class	NP-18325	Naresj Pate	Consumer	Juárez	Chihuahua	Mexico		LATAM	North	TEC-PH-100041
3484	MX-2014-165309	05-09-2014	08-09-2014	First Class	VD-21670	Valerie Dor	Consumer	Soyapango	San Salvad	El Salvador		LATAM	Central	FUR-TA-100028
30191	IN-2011-10286	17-12-2011	20-12-2011	First Class	PB-19210	Phillip Brey	Corporate	Taipei	Taipei City	Taiwan		APAC	North Asia	FUR-TA-100047
11645	ES-2011-4699764	14-03-2011	17-03-2011	Second Class	EB-14110	Eugene Bar	Consumer	Leipzig	Saxony	Germany		EU	Central	OFF-AP-100045
37311	CA-2013-159016	11-03-2013	12-03-2013	First Class	KF-16285	Karen Ferg	Home Offic	Los Angeles	California	United States	90008	US	West	TEC-PH-100028

Uploading the dataset: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Name
Date modified
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File name: Global_Superstore2
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Prepare data
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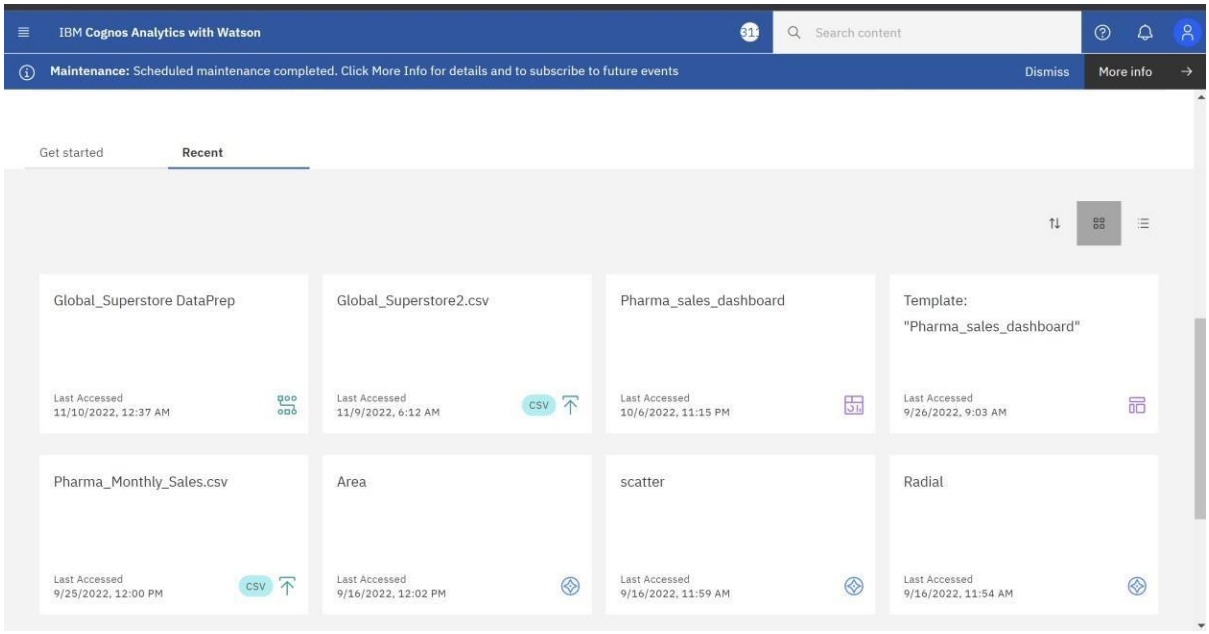
Exploration
Quickly find unbiased answers by identifying trends in your data with data explo...
Present data
Create sophisticated, multi-page, multi-query dashboards, reports, or stori...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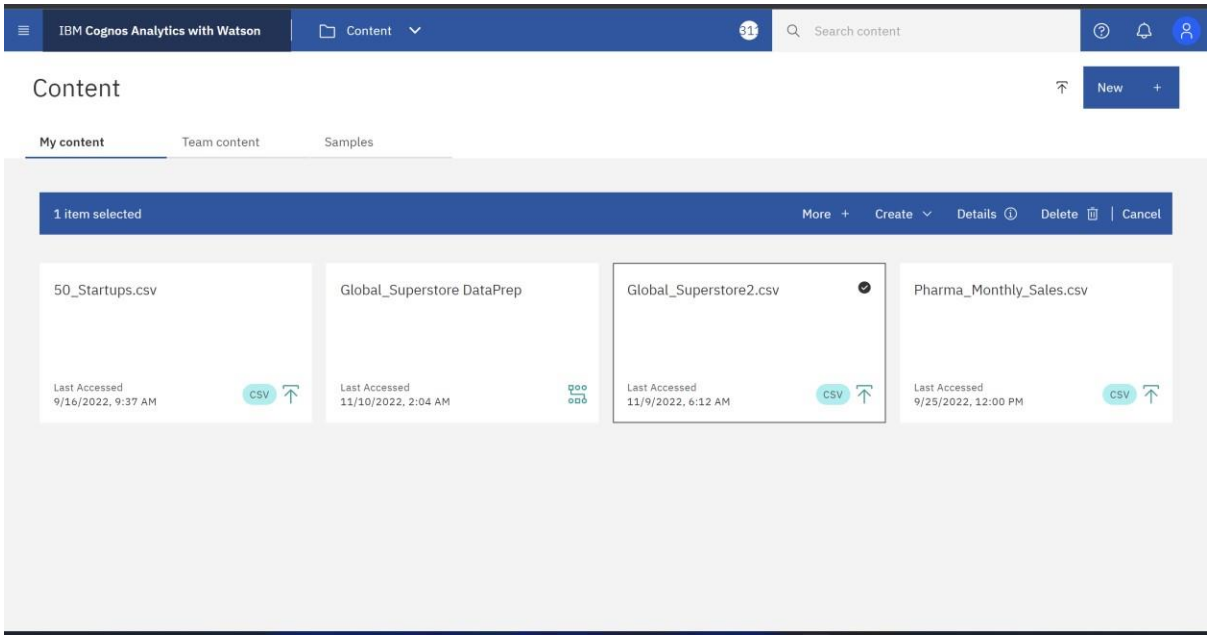
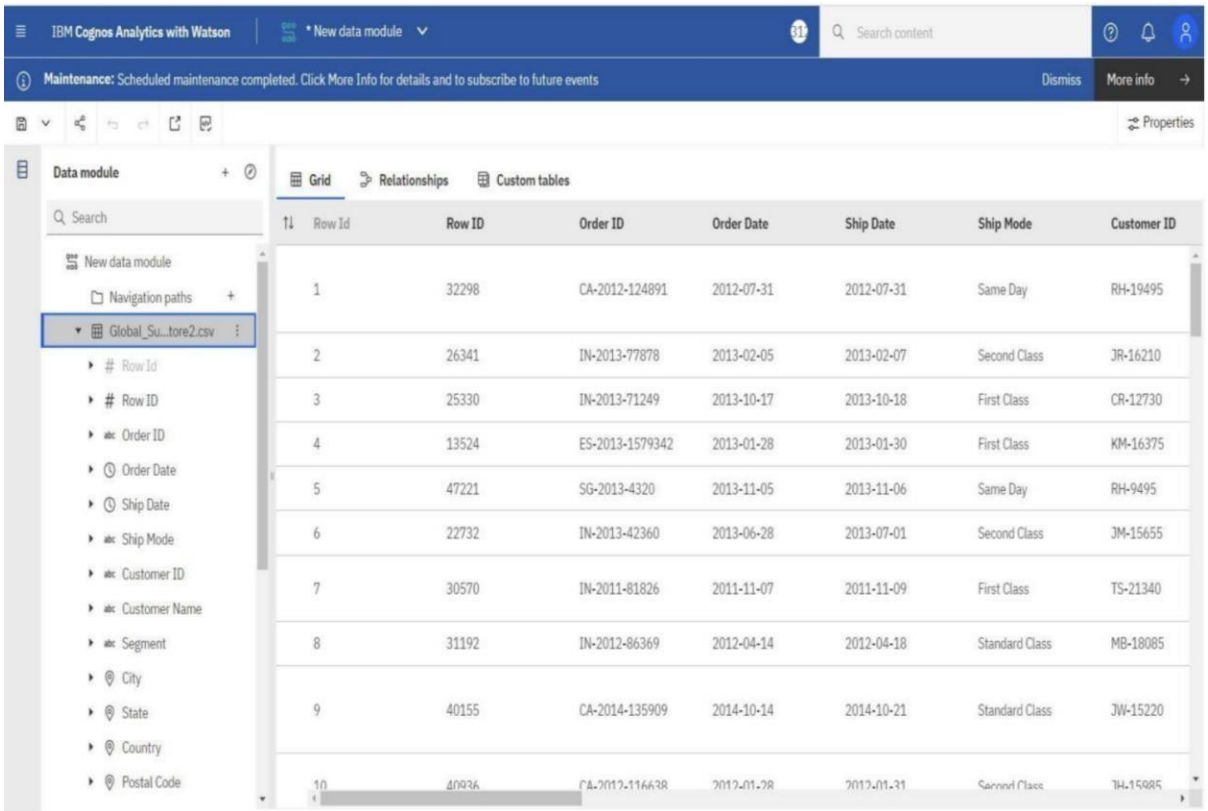
Data Preparation:

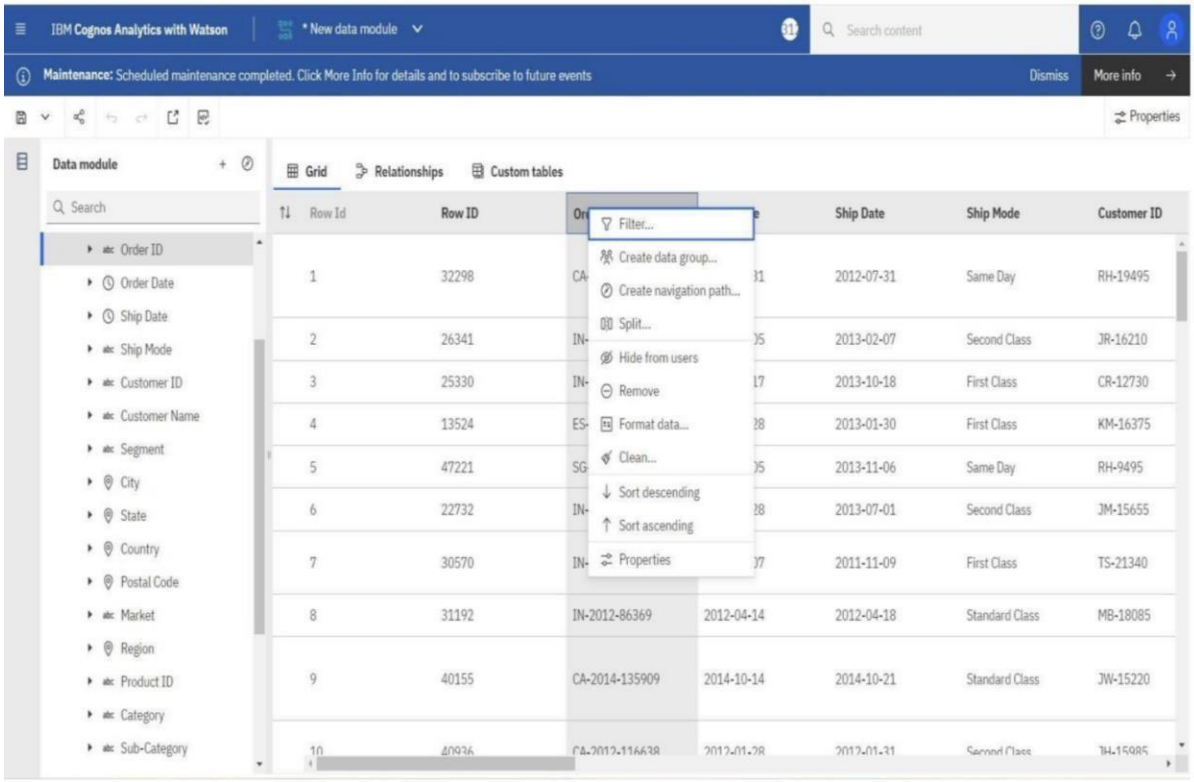
- First understand and load the dataset.

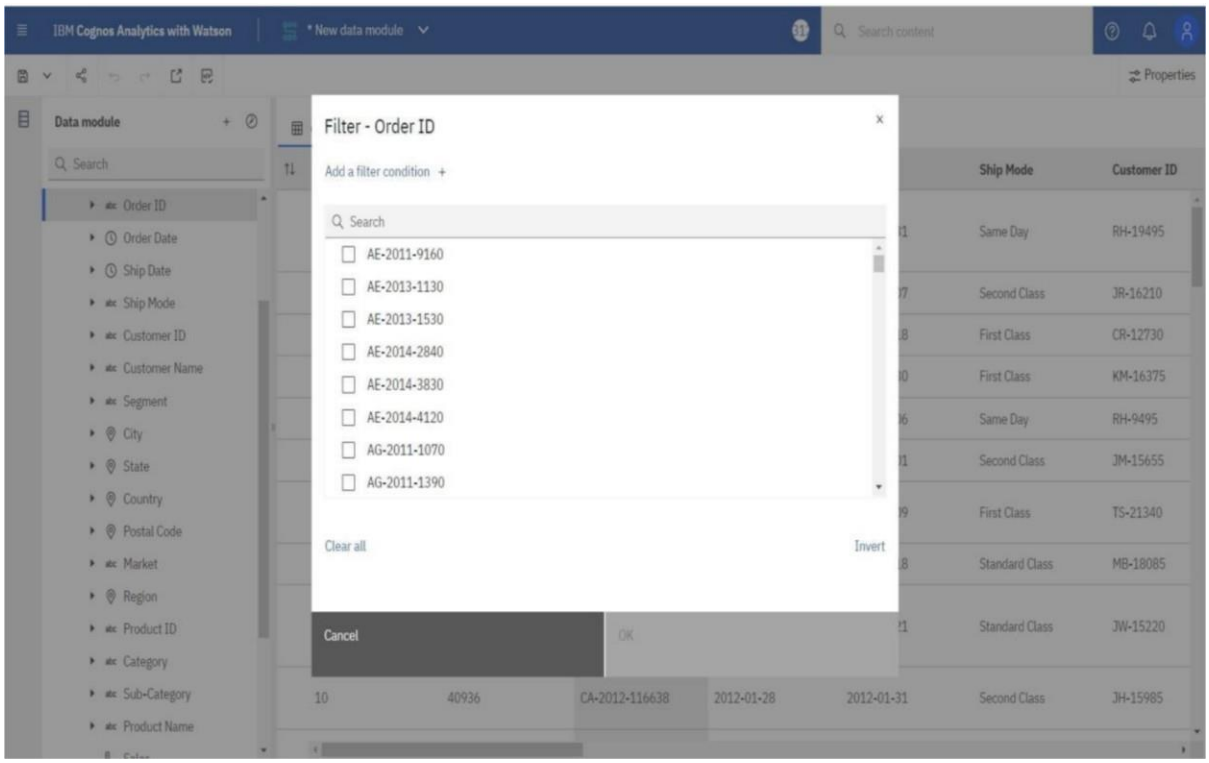


- Since there is only one single file, there need not be any relationships or custom tables for the data.



- 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.

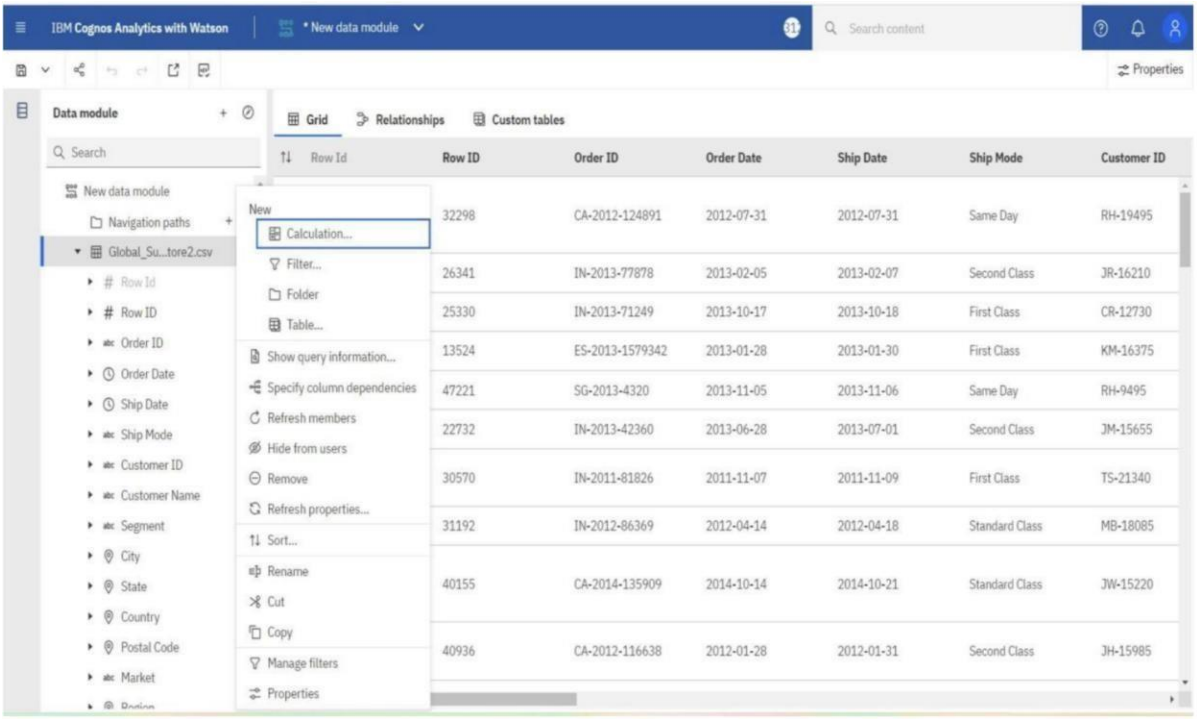




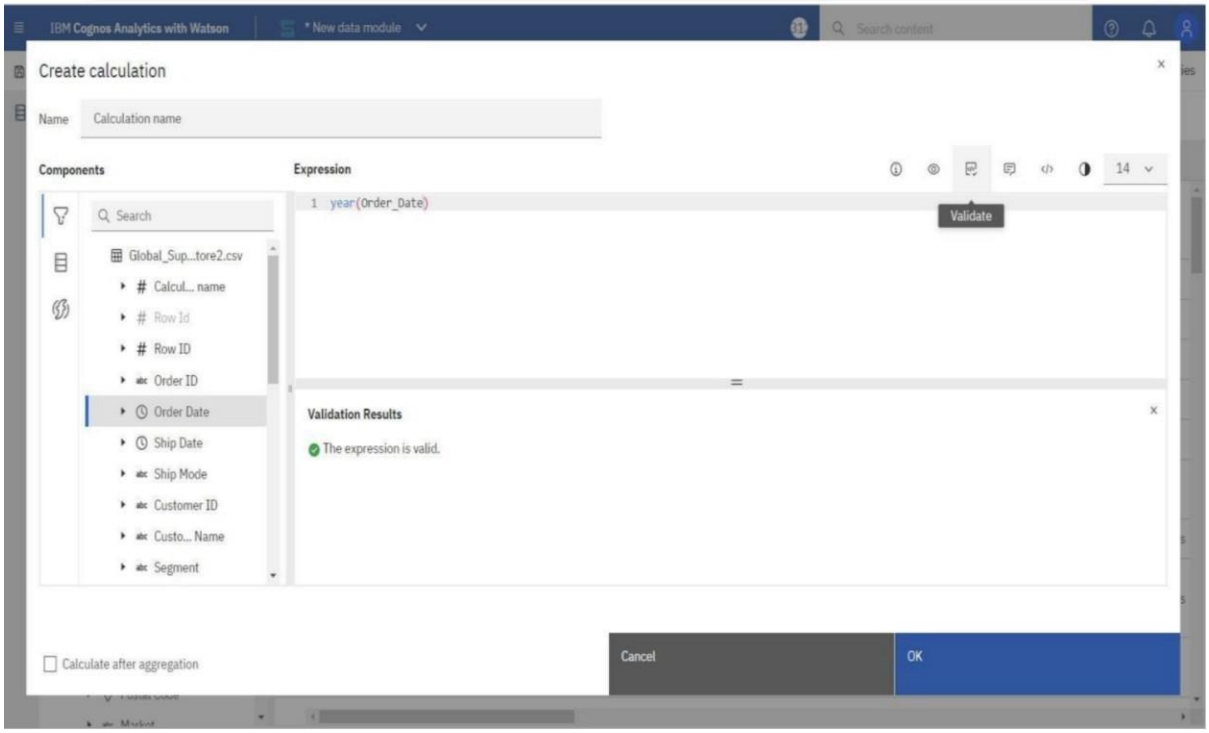
- Once cleaned save the data.

Data calculations and navigation paths:

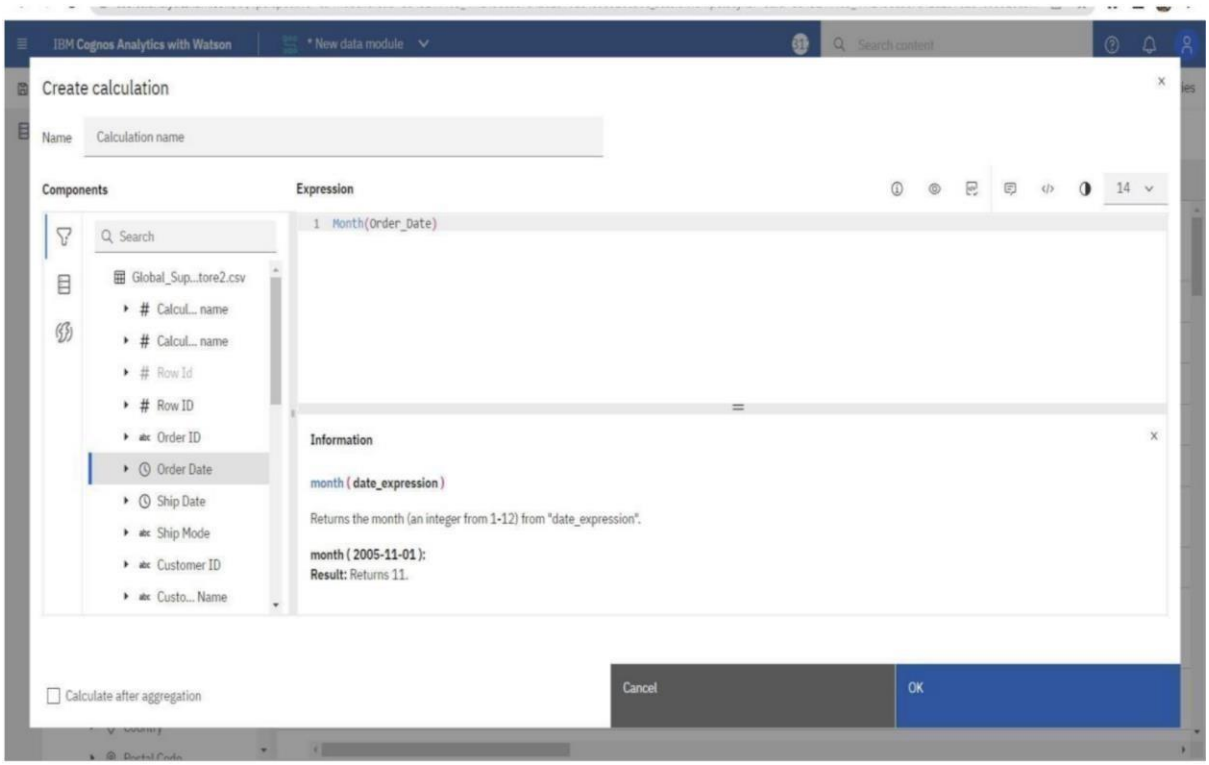
- Once you load the data, we need to prepare the data.
- Prepare calculations of year, month, day fields and also related navigation paths.
- Create a few more calculations – Target sales, Min sales, Max sales, Middle Range sales.



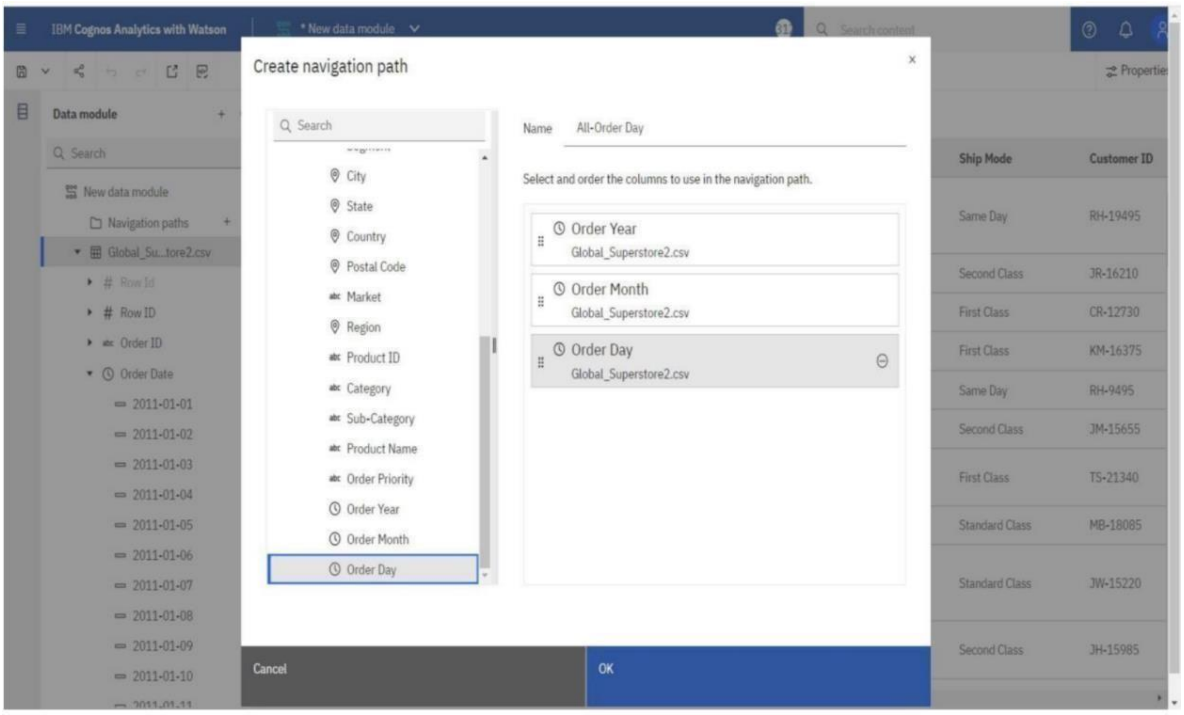
- Right click ->calculation -> type expression -> validate -> set new name as Order Year.



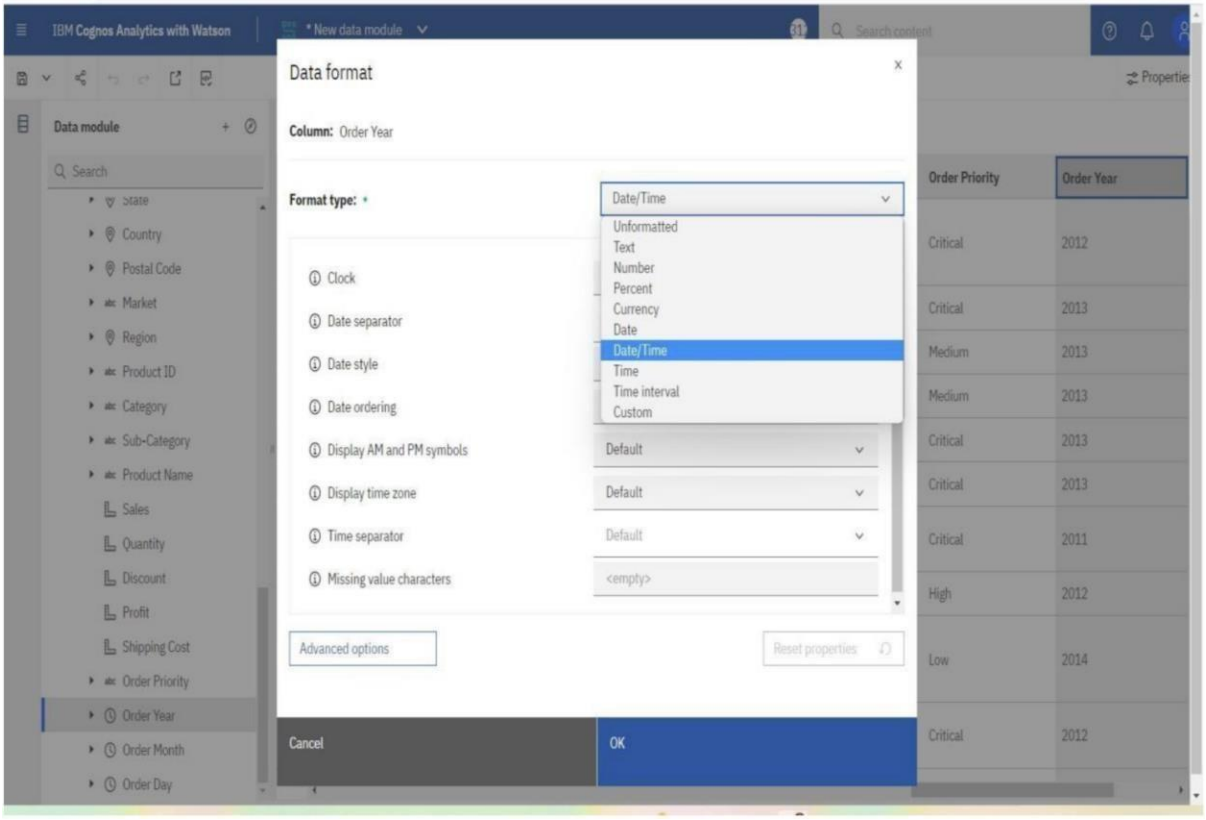
- Similarly, ‘Order Month’ , ‘Order Day’ and ‘All’.



- Right click on create navigation path.

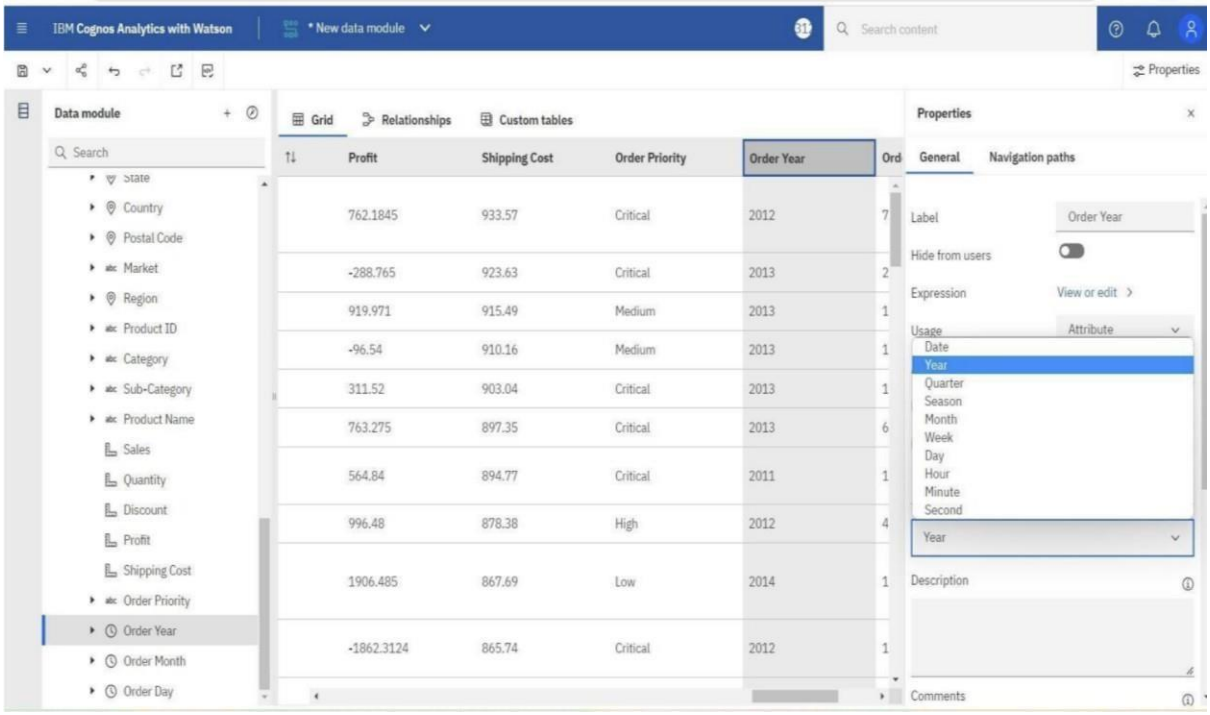


- Data format -> date/Time



- Properties -> usage -> Attribute
  Aggregate -> Count Distinct

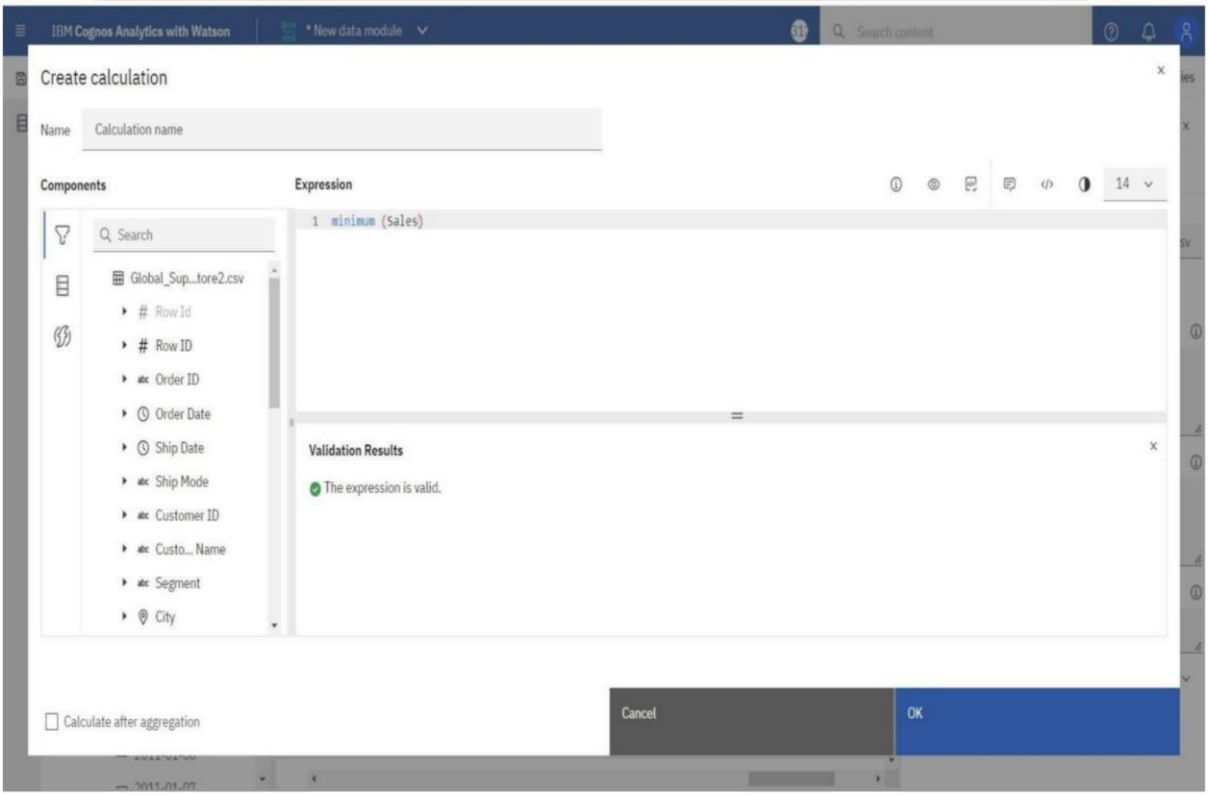
Data Type -> Integer
Represents -> Time, (Year, Month , Day respectively)
Display options -> show members
This way it becomes a Numerical Data Type



- 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)

Minumum(sales)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* New data module
Search content
Create calculation
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Order ID
Order Date
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Ship Mode
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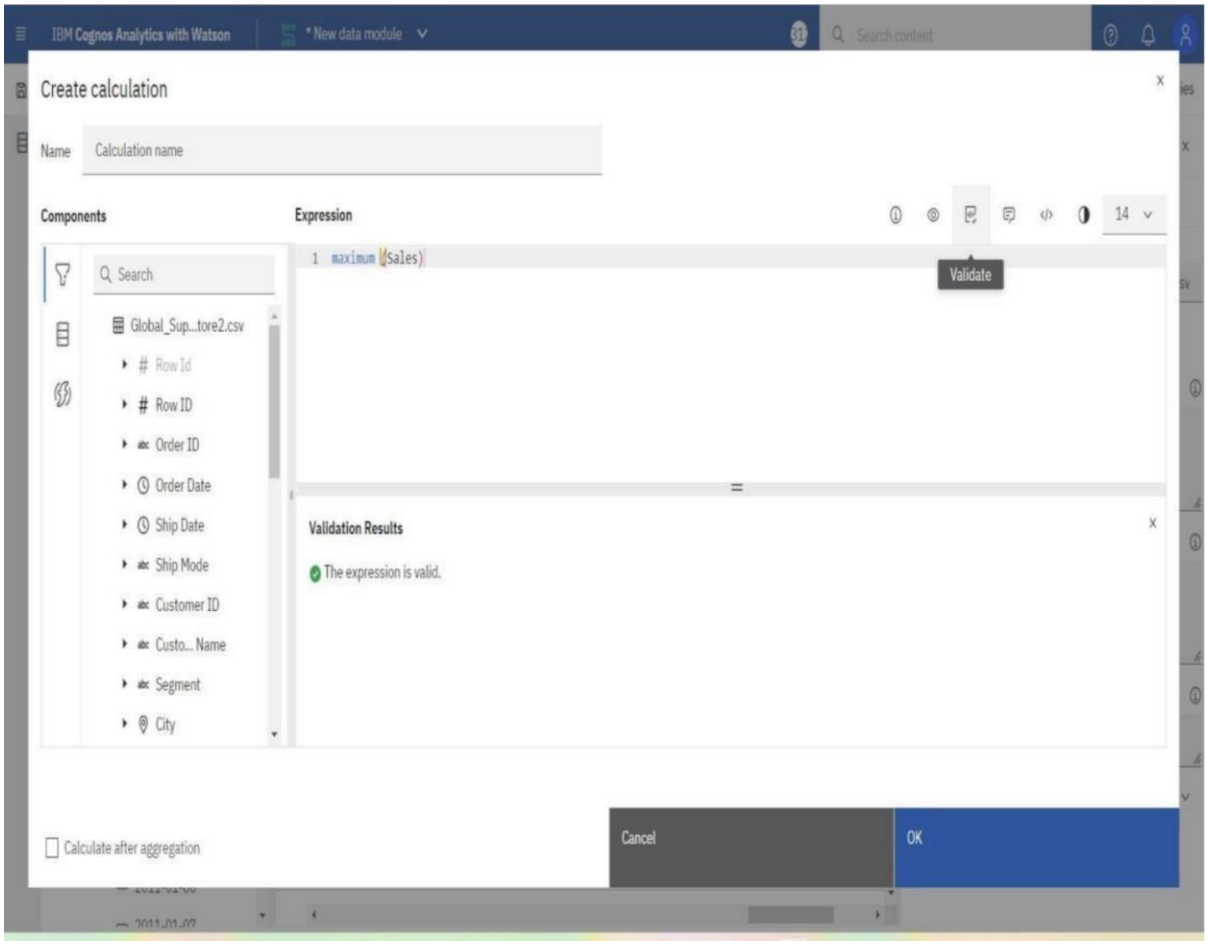
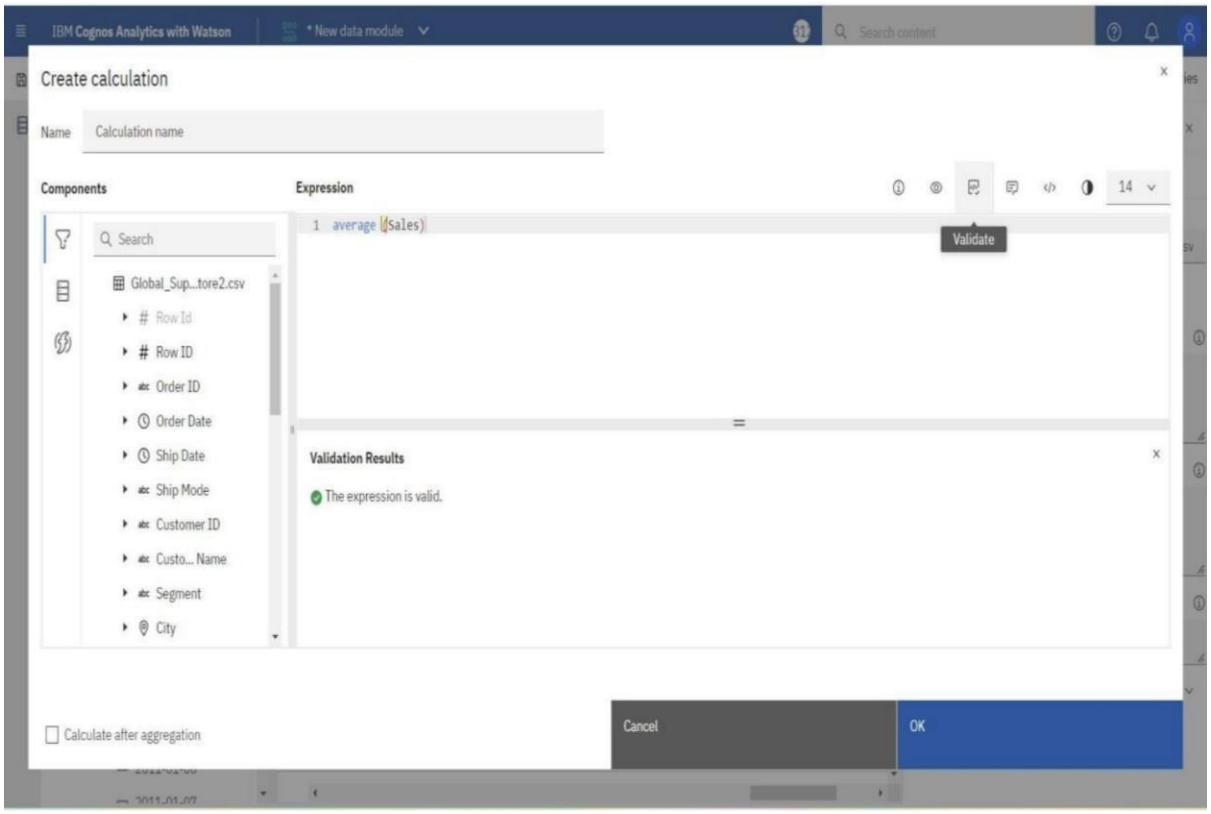
Segment
City
1 minimum (Sales)
Validation Results
The expression is valid.
Calculate after aggregation
Cancel
OK

Maximum(sales)



Middle Range(sales)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