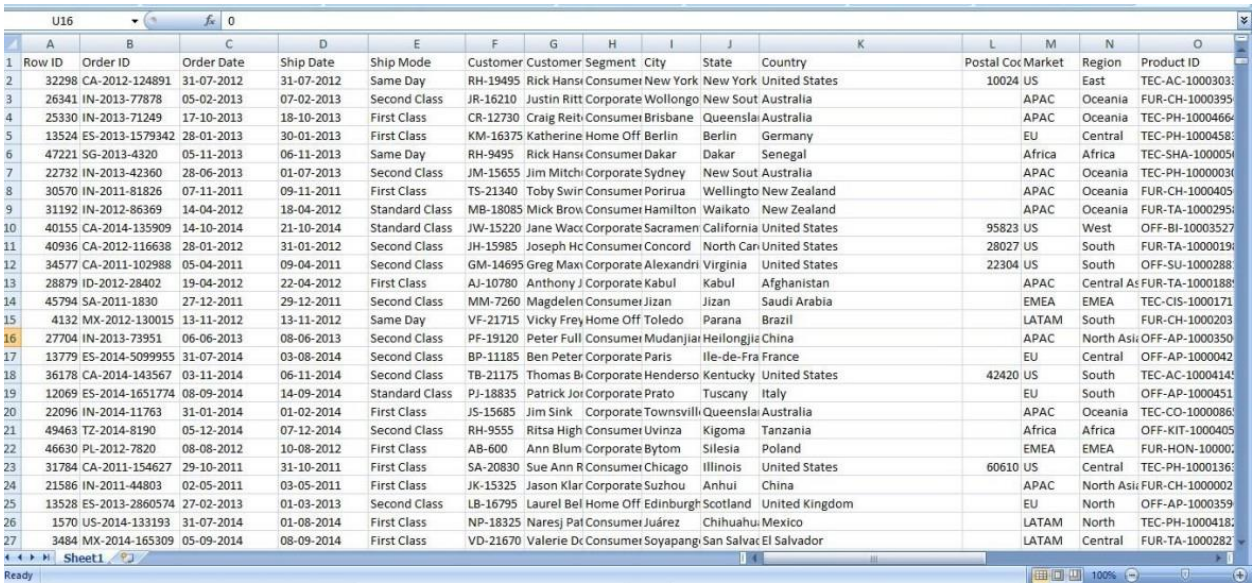
PROJECT DEVELOPMENT PHASE
Loading the Dataset

Team ID	PNT2022TMID25228

DATASET



Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer	Customer	Segment	City	State	Country	Postal Co	Market	Region	Product ID
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26341	IN-2013-77878	05-02-2013	07-02-2013	Second Class	JR-16210	Justin Ritt	Corporate	Wollongo	New Sout	Australia		APAC	Oceania	FUR-CH-1000395
25330	IN-2013-71249	17-10-2013	18-10-2013	First Class	CR-12730	Craig Reit	Consumer	Brisbane	Queensla	Australia		APAC	Oceania	TEC-PH-1000466
13524	ES-2013-1579342	28-01-2013	30-01-2013	First Class	KM-16375	Katherine	Home Off	Berlin	Berlin	Germany		EU	Central	TEC-PH-1000458
47221	SG-2013-4320	05-11-2013	06-11-2013	Same Day	RH-9495	Rick Hans	Consumer	Dakar	Dakar	Senegal		Africa	Africa	TEC-SHA-100005
22732	IN-2013-42360	28-06-2013	01-07-2013	Second Class	JM-15655	Jim Mitch	Corporate	Sydney	New Sout	Australia		APAC	Oceania	TEC-PH-1000003
30570	IN-2011-81826	07-11-2011	09-11-2011	First Class	TS-21340	Toby Swir	Consumer	Porirua	Wellingto	New Zealand		APAC	Oceania	FUR-CH-1000405
31192	IN-2012-86369	14-04-2012	18-04-2012	Standard Class	MB-18085	Mick Brov	Consumer	Hamilton	Waikato	New Zealand		APAC	Oceania	FUR-TA-1000295
40155	CA-2014-135909	14-10-2014	21-10-2014	Standard Class	JW-15220	Jane Wac	Corporate	Sacramen	California	United States	95823	US	West	OFF-BI-1000352
40936	CA-2012-116638	28-01-2012	31-01-2012	Second Class	JH-15985	Joseph Hc	Consumer	Concord	North Car	United States	28027	US	South	FUR-TA-1000019
34577	CA-2011-102988	05-04-2011	09-04-2011	Second Class	GM-14695	Greg Max	Corporate	Alexandri	Virginia	United States	22304	US	South	OFF-SU-1000288
28879	ID-2012-28402	19-04-2012	22-04-2012	First Class	AJ-10780	Anthony J	Corporate	Kabul	Kabul	Afghanistan		APAC	Central As	FUR-TA-1000188
45794	SA-2011-1830	27-12-2011	29-12-2011	Second Class	MM-7260	Magdelen	Consumer	Jizan	Jizan	Saudi Arabia		EMEA	EMEA	TEC-CIS-1000171
4132	MX-2012-130015	13-11-2012	13-11-2012	Same Day	VF-21715	Vicky Frey	Home Off	Toledo	Parana	Brazil		LATAM	South	FUR-CH-1000203
27704	IN-2013-73951	06-06-2013	08-06-2013	Second Class	PF-19120	Peter Full	Consumer	Mudanjia	Heilongjia	China		APAC	North Asi	OFF-AP-1000350
13779	ES-2014-5099955	31-07-2014	03-08-2014	Second Class	BP-11185	Ben Peter	Corporate	Paris	Ile-de-Fra	France		EU	Central	OFF-AP-1000042
36178	CA-2014-143567	03-11-2014	06-11-2014	Second Class	TB-21175	Thomas B	Corporate	Henderso	Kentucky	United States	42420	US	South	TEC-AC-1000414
12069	ES-2014-1651774	08-09-2014	14-09-2014	Standard Class	PJ-18835	Patrick Jo	Corporate	Prato	Tuscany	Italy		EU	South	OFF-AP-1000451
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46630	PL-2012-7820	08-08-2012	10-08-2012	First Class	AB-600	Ann Blum	Corporate	Bytom	Silesia	Poland		EMEA	EMEA	FUR-HON-10000
31784	CA-2011-154627	29-10-2011	31-10-2011	First Class	SA-20830	Sue Ann R	Consumer	Chicago	Illinois	United States	60610	US	Central	TEC-PH-1000136
21586	IN-2011-44803	02-05-2011	03-05-2011	First Class	JK-15325	Jason Klar	Corporate	Suzhou	Anhui	China		APAC	North Asi	FUR-CH-1000002
13528	ES-2013-2860574	27-02-2013	01-03-2013	Second Class	LB-16795	Laurel Bel	Home Off	Edinburgh	Scotland	United Kingdom		EU	North	OFF-AP-1000359
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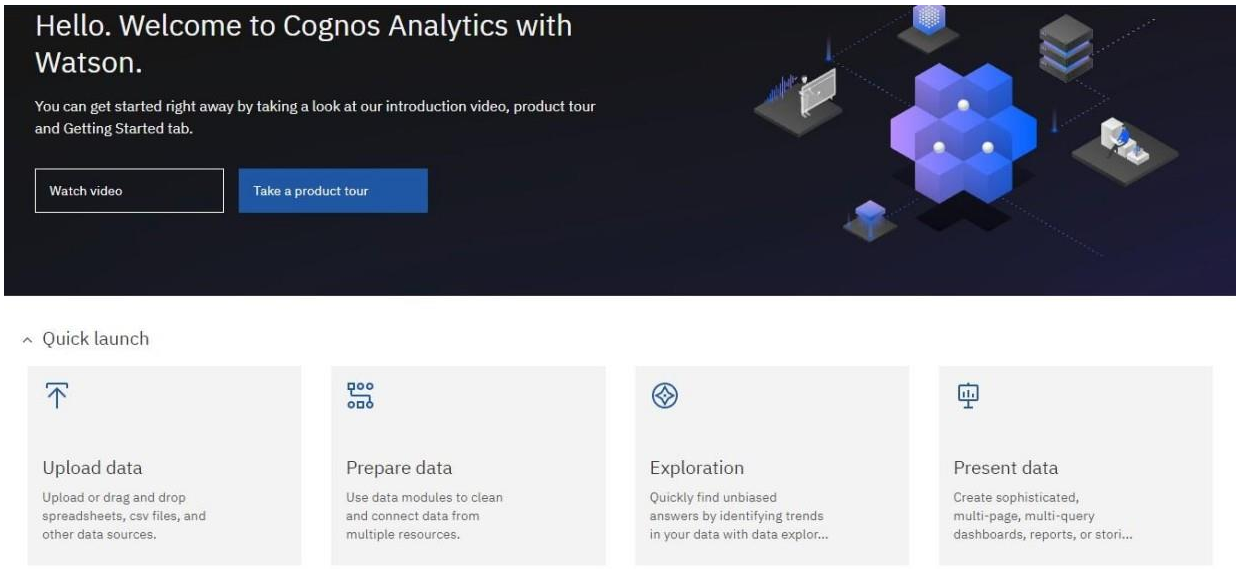
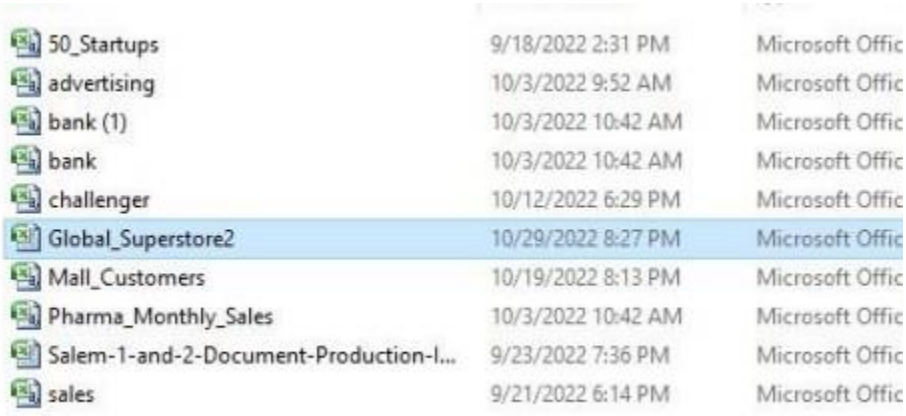
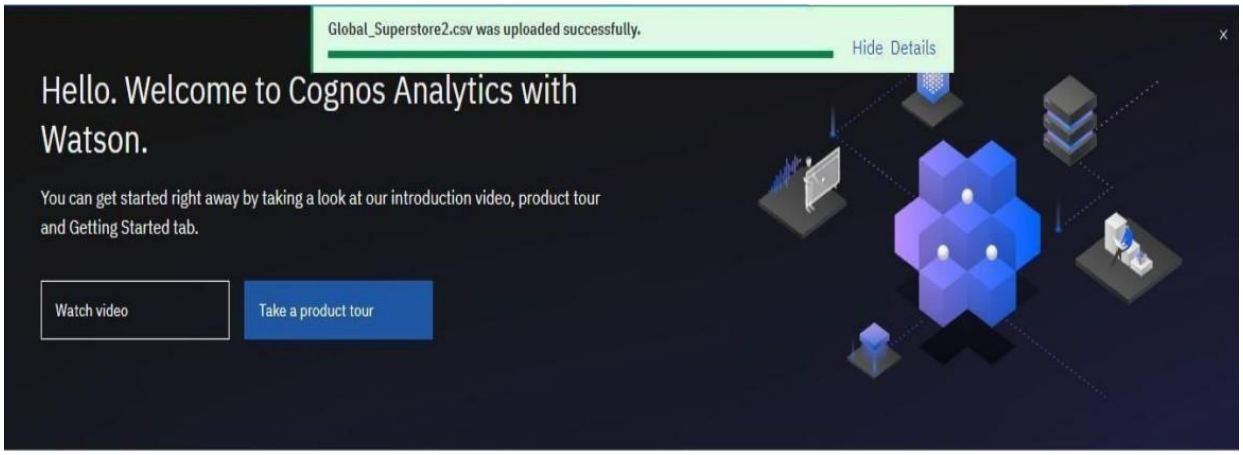
3484	MX-2014-165309	05-09-2014	08-09-2014	First Class	VD-21670	Valerie Dc	Consumer	Soyapang	San Salva	El Salvador		LATAM	Central	FUR-TA-1000282

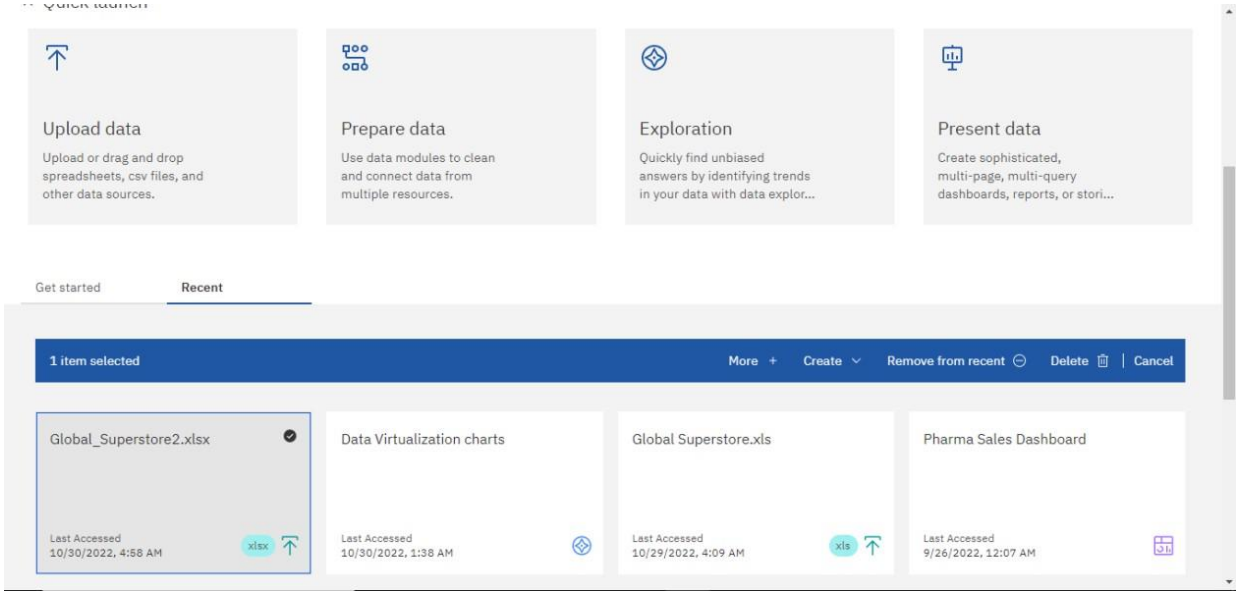
IBM COGNOS



UPLOADING THE DATASETS






Upload data
Upload or drag and drop spreadsheets, csv files, and other data sources.
Prepare data
Use data modules to clean and connect data from multiple resources.
Exploration
Quickly find unbiased answers by identifying trends in your data with data explor...
Present data
Create sophisticated, multi-page, multi-query dashboards, reports, or stori...
Get started
Recent
1 item selected
More
Create
Remove from recent
Delete
Cancel
Global_Superstore2.xlsx
Last Accessed
10/30/2022, 4:58 AM
xlsx
Data Virtualization charts
Last Accessed
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Global Superstore.xls
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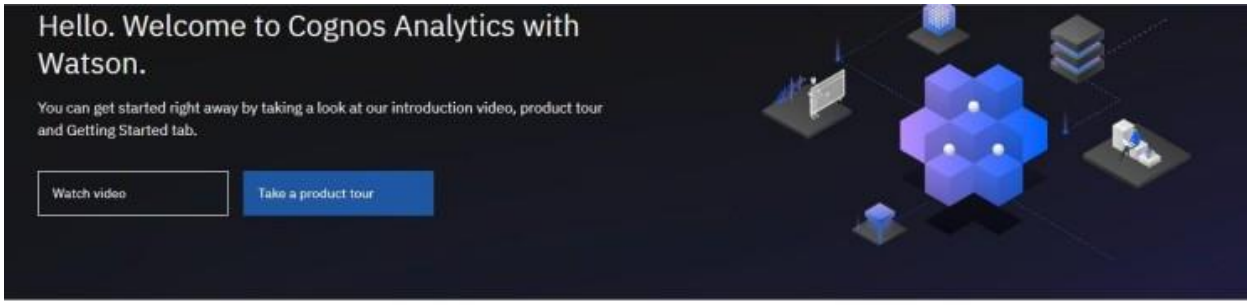
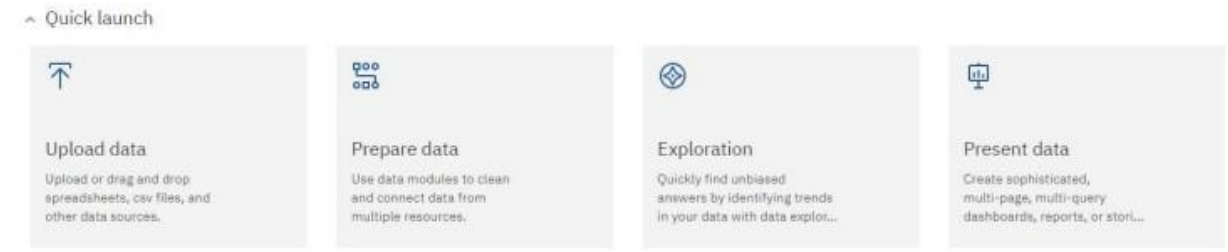
xls
Pharma Sales Dashboard
Last Accessed
9/26/2022, 12:07 AM

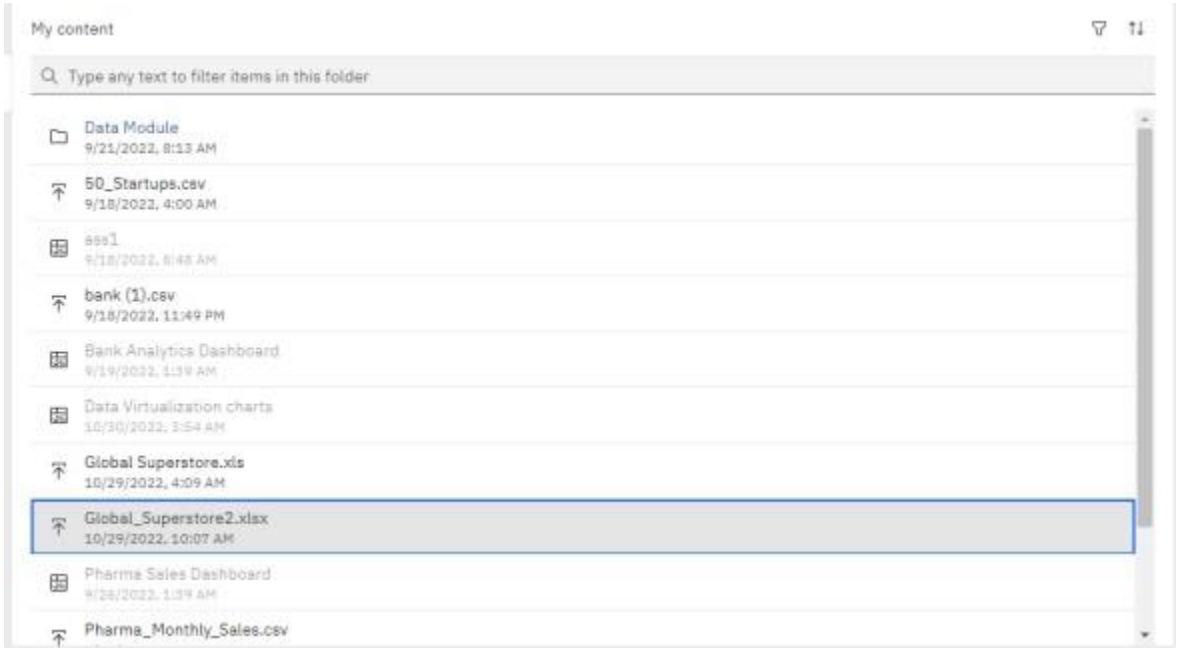
Prepare the dataset

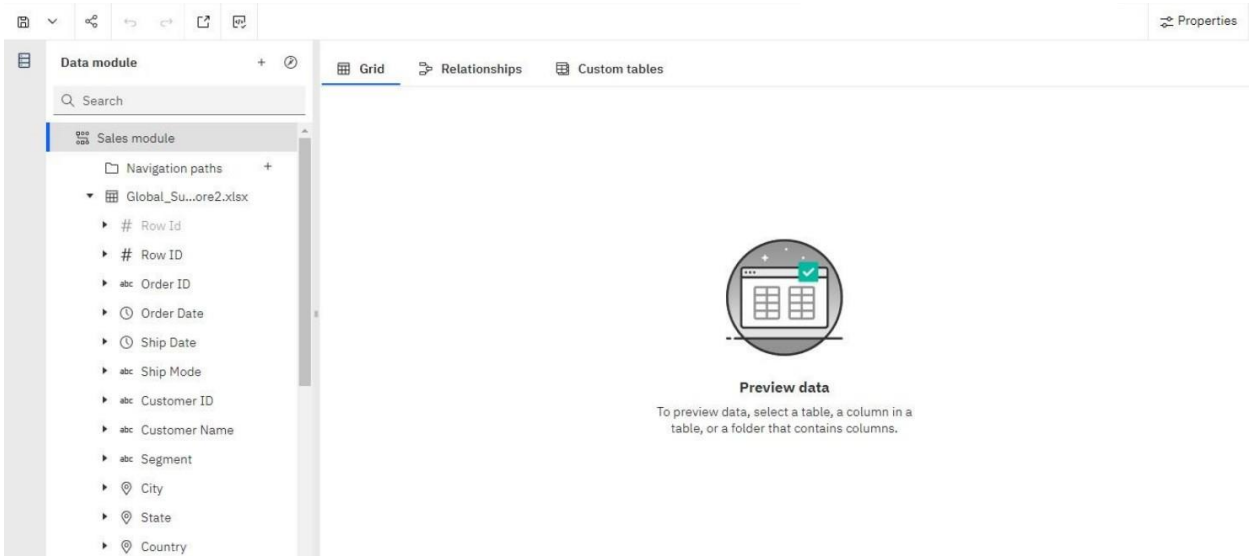
Team ID	PNT2022TMID25228

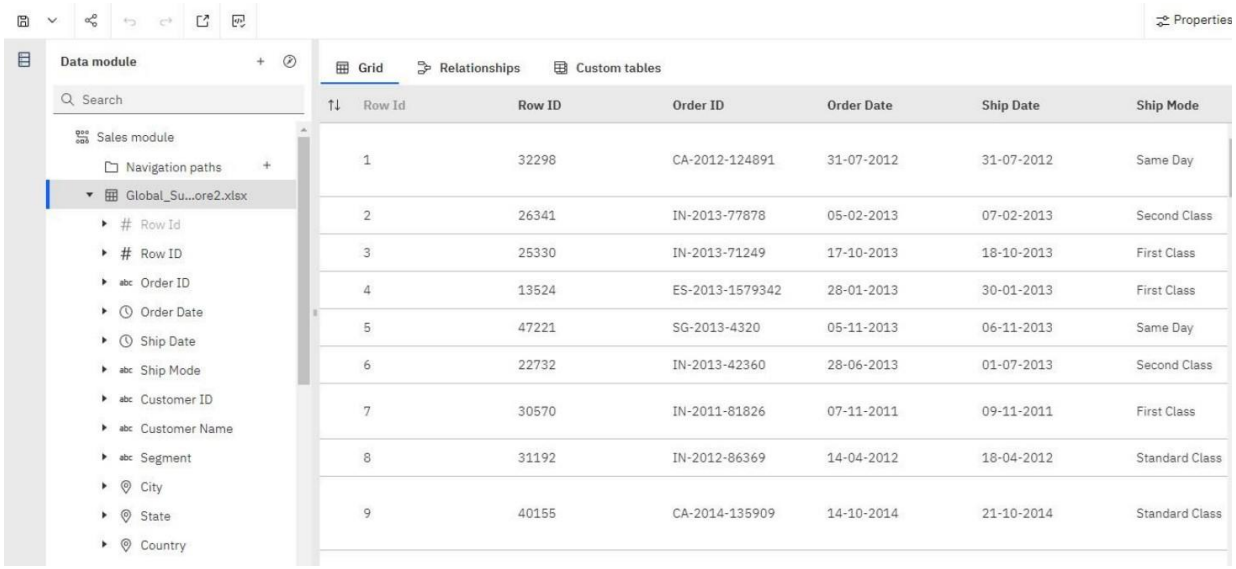
DATA PREPARATION











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
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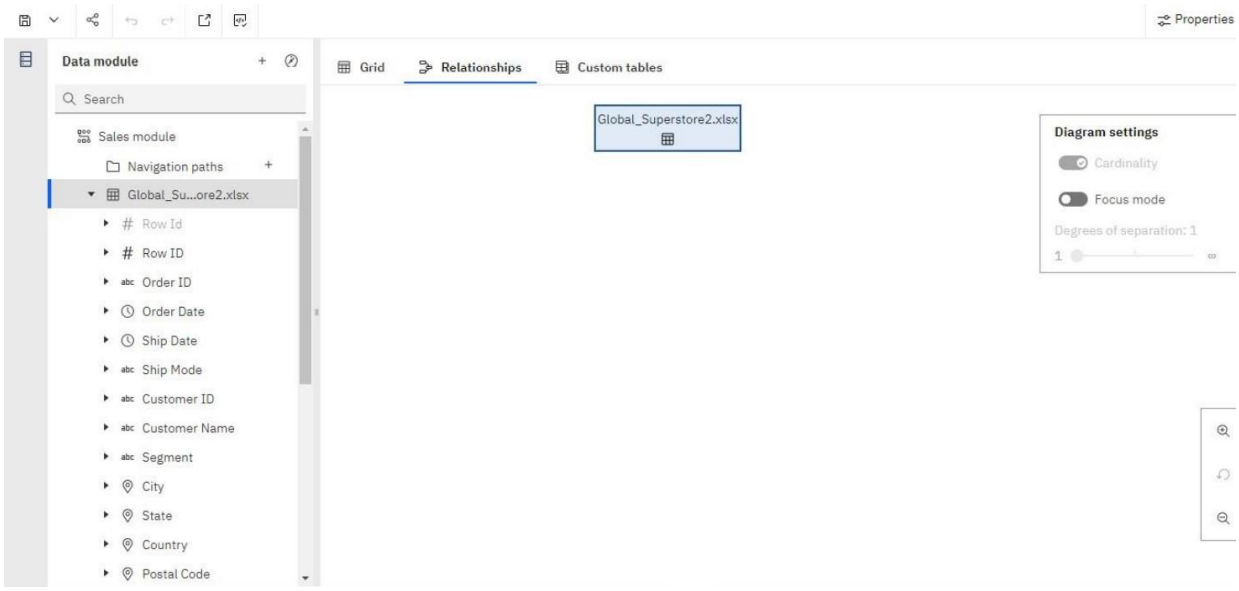
6	22732	IN-2013-42360	28-06-2013	01-07-2013	Second Class
7	30570	IN-2011-81826	07-11-2011	09-11-2011	First Class
8	31192	IN-2012-86369	14-04-2012	18-04-2012	Standard Class
9	40155	CA-2014-135909	14-10-2014	21-10-2014	Standard Class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Sales module
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Order 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
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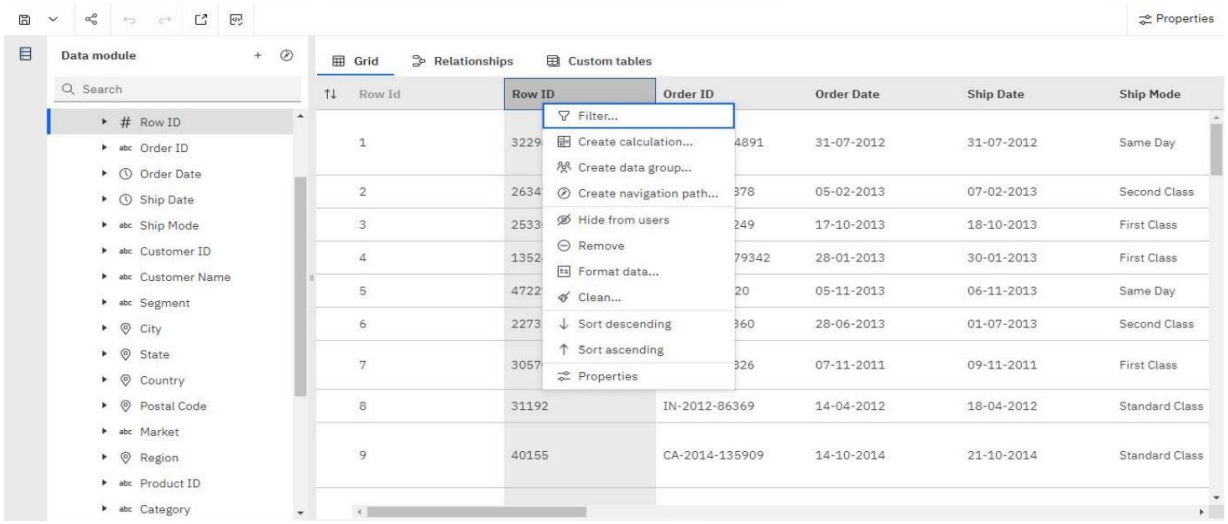
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Search
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Order Date
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Customer ID
Customer Name
Segment
City
State
Country
Postal Code
Market
Region
Product ID
Category
Grid
Relationships
Custom 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
2
3
4
5
6
7
8
9
31-07-2012
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Same Day
05-02-2013
07-02-2013
Second Class
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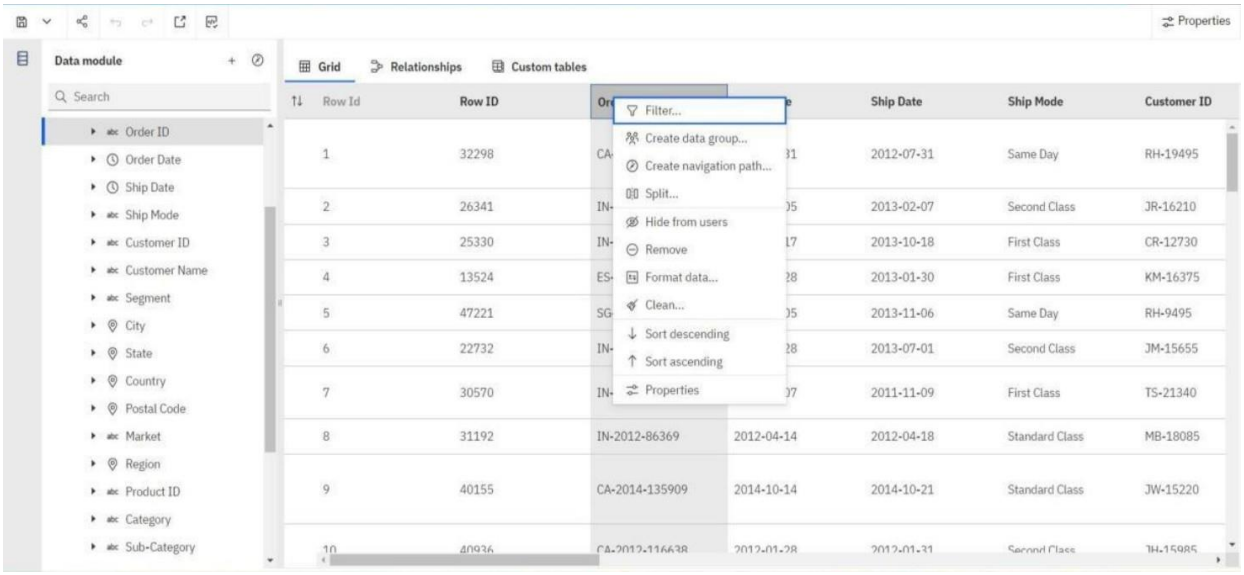
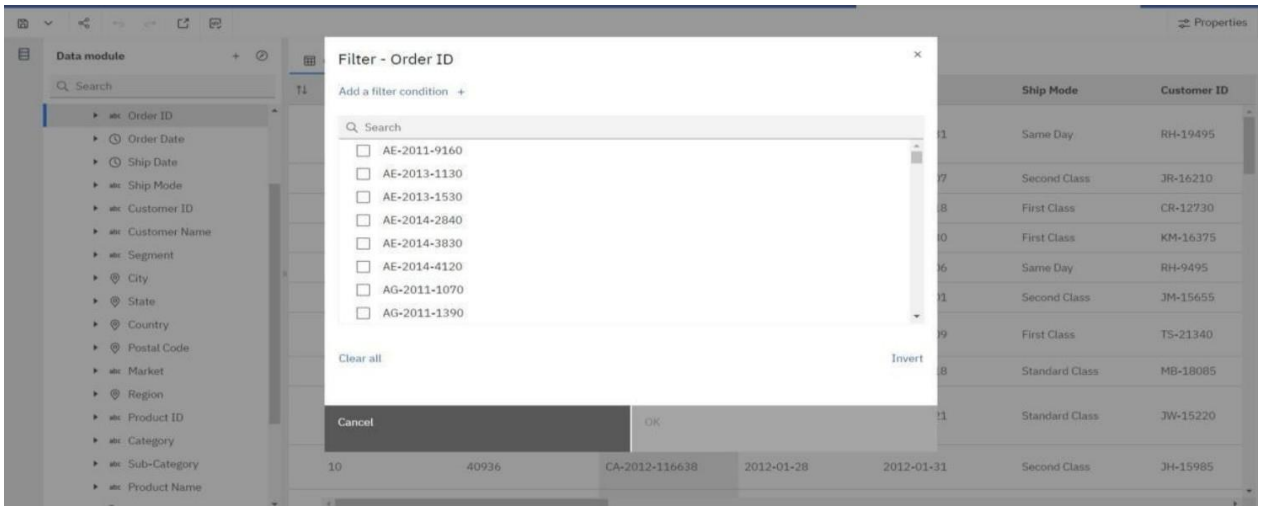
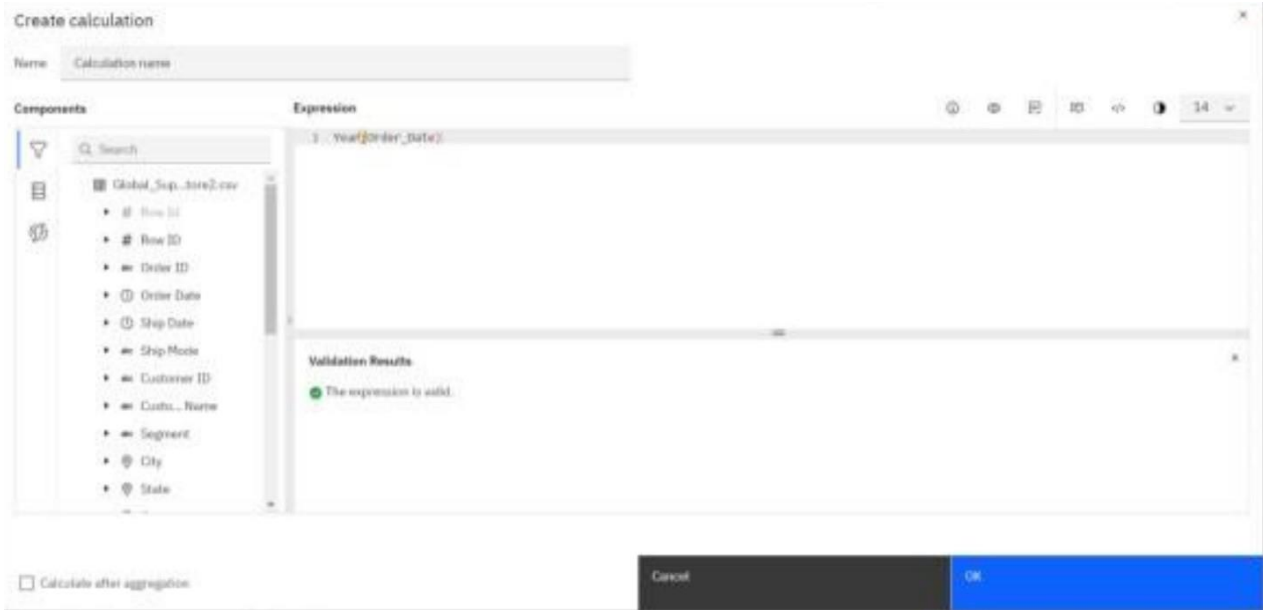
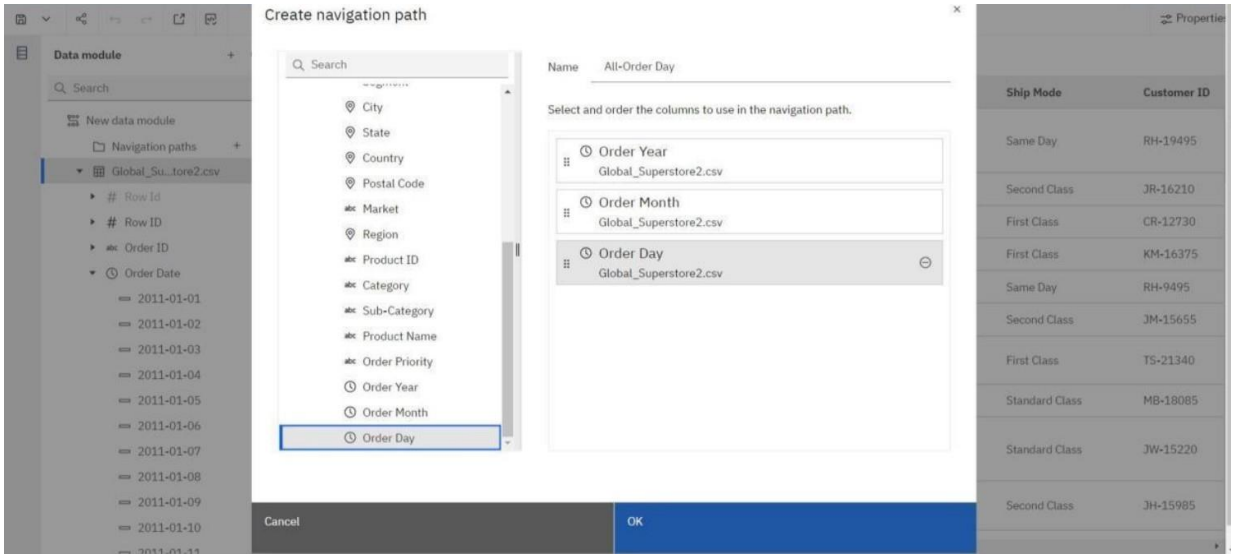
Standard Class





PREPARATION OF DATA


Create calculation
Name
Calculation name
Components
Expression
Search
Global_Sup...tore2.csv
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Custo... Name
Segment
City
State
Validation Results
The expression is valid.
Calculate after aggregation
Cancel
OK


Create navigation path
Data module
Search
New data module
Navigation paths
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Row ID
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2011-01-05
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2011-01-07
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2011-01-09
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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
Cancel
OK
Properties
Ship Mode
Customer ID
Same Day
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Second Class
JR-16210
First Class
CR-12730
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KM-16375
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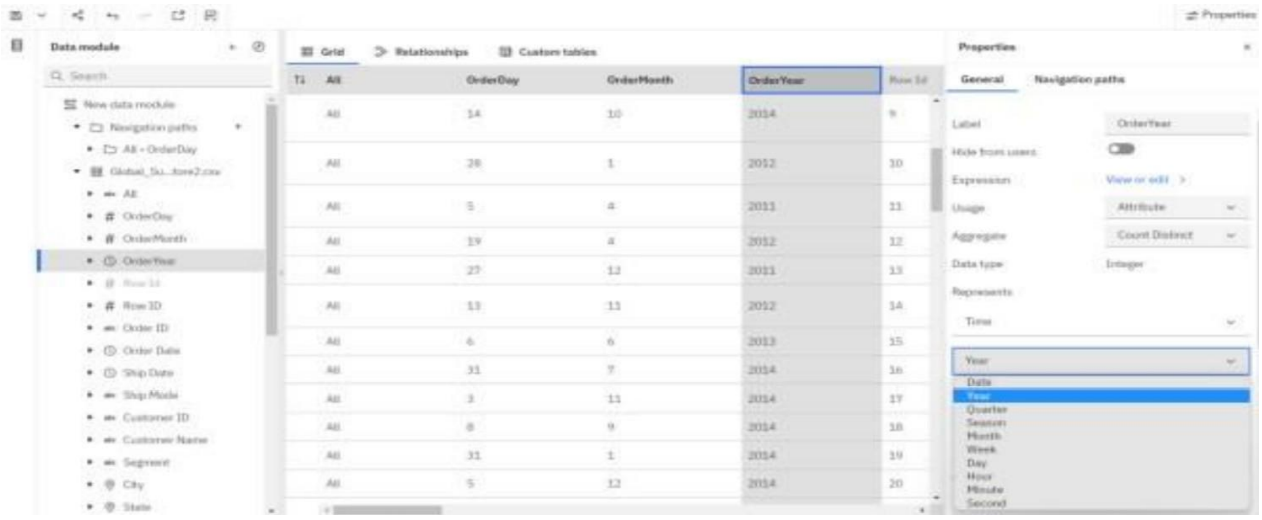
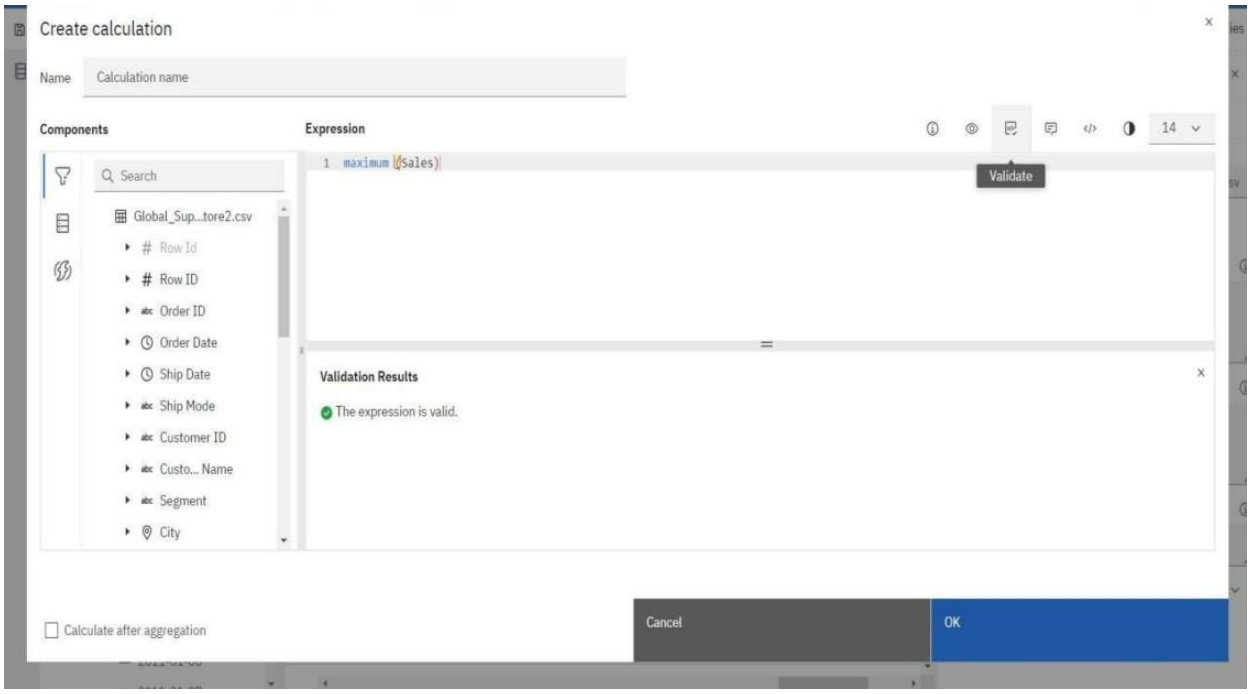
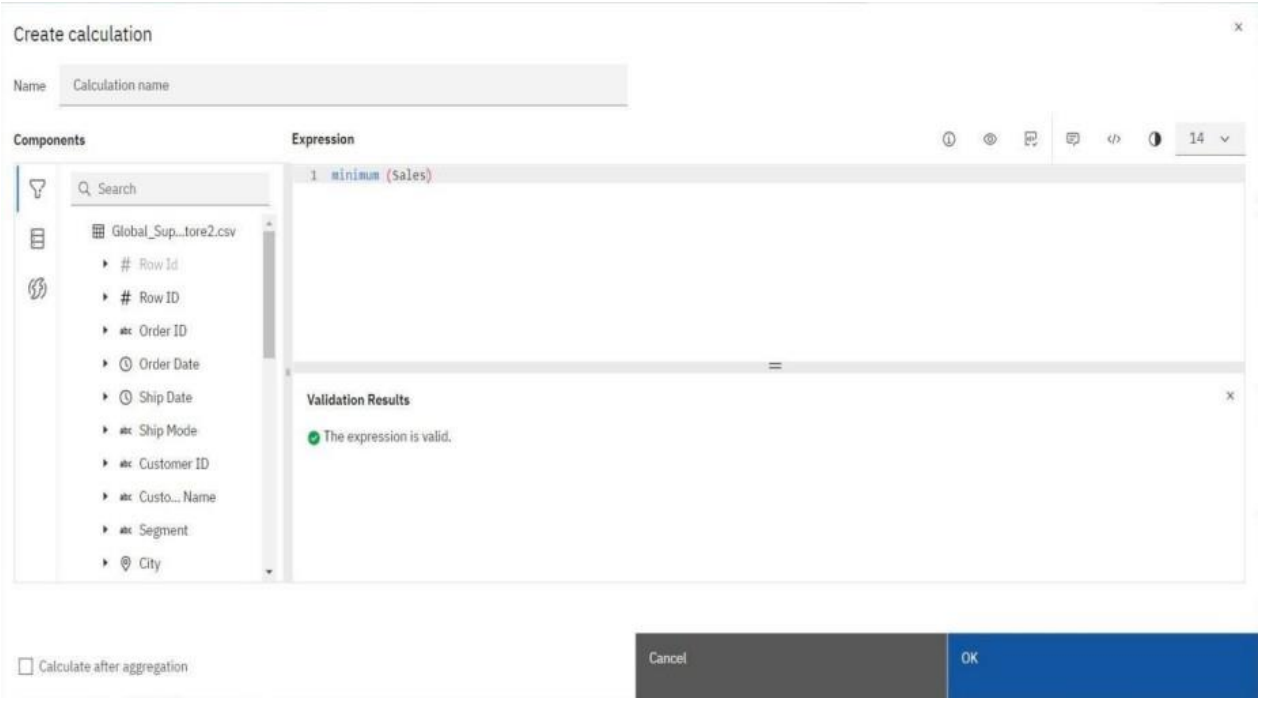


CALCULATIONS

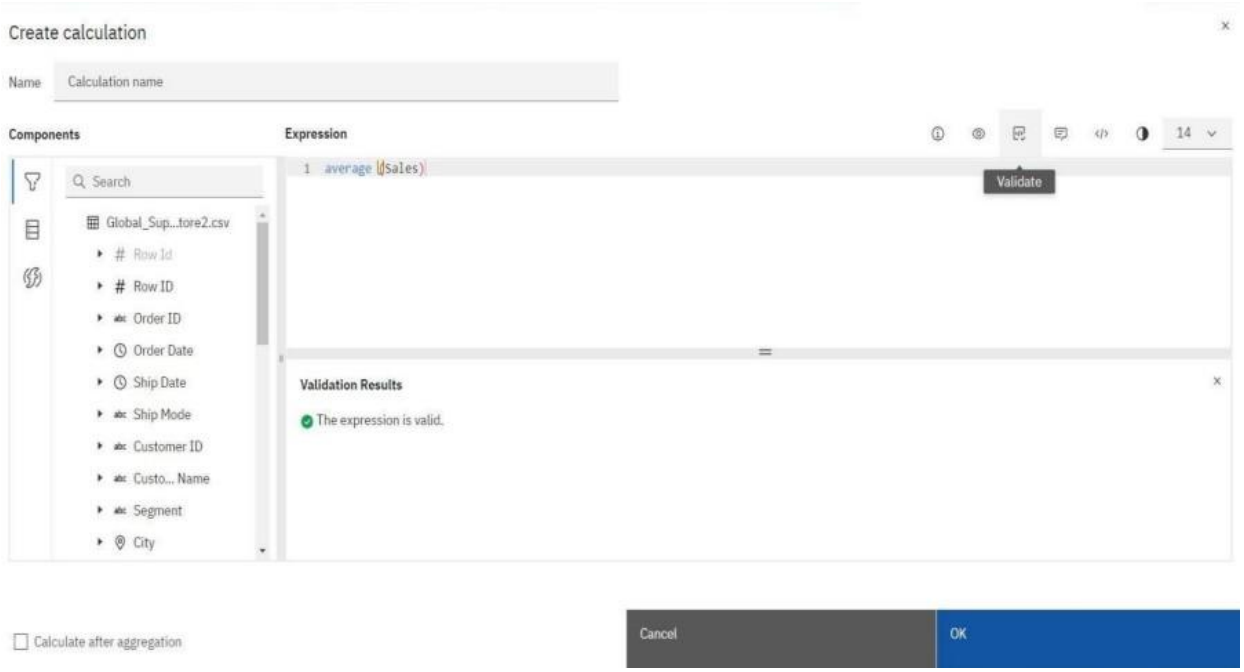
- **MAXIMUM(SALES)**



- **MINIMUM(SALES)**



- **AVERAGE(SALES)**



Understanding the dataset

Team ID	PNT2022TMID25228

CONTEXT

The retail network has several subsidiaries that are dispersed throughout numerous geographic regions. In this study, we analyze the sales datasets to determine the variables influencing the sales. Due to the COVID epidemic, it is difficult to enter a store at random and make a purchase. To get over this, attempt to comprehend a few things, such as the Global Super Store's customer and product analyses.

DATASETS

A dataset is a group of data that has been organized in some way. Any type of data, including series, arrays, and database tables, can be found in a dataset. A dataset is a group of data that has been organized in some way. Any type of data, including series, arrays, and database tables, can be found in a dataset. A structure for managing your submitted data is provided by data sets. The data uploaded to Analytics is included in a Data Set. The joining of submitted data with already-existing data is controlled by data sets.

CUSTOMER ANALYSIS

Customer analysis is a technique for using customer data to analyze and strategize a company's business plan. Customer analysis is a crucial component of marketing and advertising campaigns' customer acquisition tactics.

- A better comprehension of prospective clients' purchasing habits.
- Identify the customer's needs?
- The regularity of purchases and the time elapsed between them?
- Dividing up profitable consumer categories based on shared characteristics and behavior.
- Group customers according to their purchases?

These kinds of questions can be answered through customer analysis.

PRODUCT ANALYSIS

The act of acquiring, defining, and analyzing data on a good or service in order to make wiser decisions is known as product analysis. Asking questions about a product and coming up with responses that define its application, qualities, and other important features are often included in this process. It works well for projects where the deliverable is a product rather than a service or an outcome. It enables project managers to guarantee that the product scope and project scope are both accurate and clearly understood. In order to translate the objectives and product description provided by the customer or sponsor into concrete deliverables, product analysis is used.

- How effectively your product satisfies consumer demands
- What are the top five products that generate the most revenue each year?
- Does the price reduction have any impact on daily sales?
- Which nation has the most or least amount of sales?

- How do sales impact the cost of the item?

CONTENT

When you download the dataset, you will see rows that detail online orders made by people worldwide between January 1, 2011, and December 31, 2014. None of the other columns are lacking any data, with the exception of the postal code, which you are free to omit if required.