

Project Development Phase Delivery of Sprint-2

Date	4 November 2022
Team ID	PNT2022TMID21264
Project Name	Global Sales Data Analytics

Sprint-2 Functional Requirement:

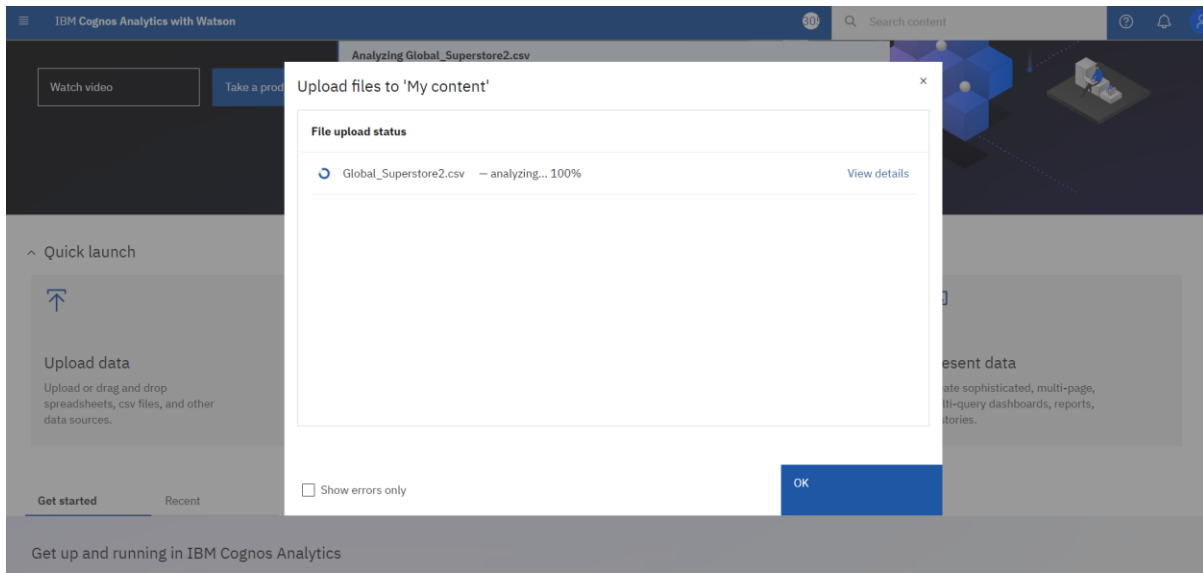
- Upload dataset
- Data Preparation
- Data Exploration

Download Dataset from:

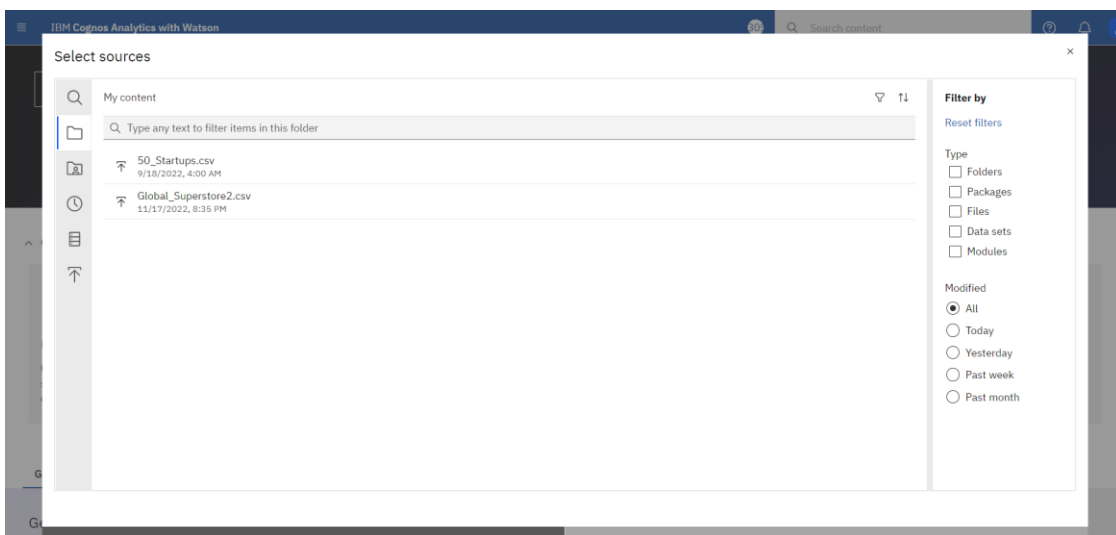
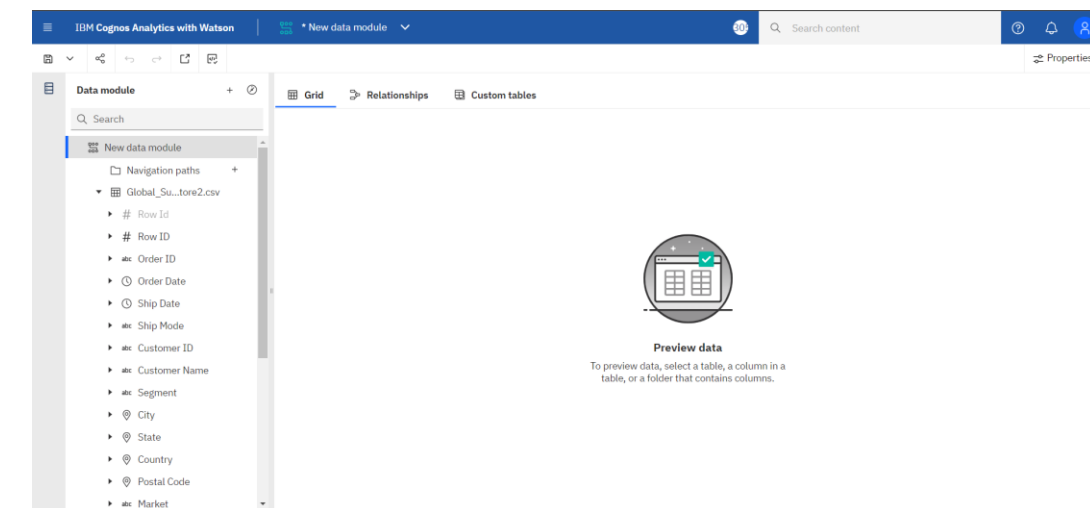
<https://www.kaggle.com/apoorvaappz/global-super-store-dataset>

Upload dataset:

The screenshot displays the IBM Cognos Analytics with Watson user interface. At the top, the IBM logo is on the left, and a user profile icon with the ID 'nitish@student.tce.edu' is on the right. Below the header, the 'Products' section features a 'Trials' card for 'Cognos Analytics on Cloud Trial for Students', which is active and expires on Sep 18, 2023. To the right of the trial card, a message states: 'Let IBM provide you technology and business solutions to fit your needs. IBM's extensive list of offerings helps you find products that fit your technology and business needs. Get started with a free trial today!' with a 'View catalog' button. Below the trial card, a 'Quick launch' section offers four main actions: '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 exploration), and 'Present data' (create sophisticated, multi-page, multi-query dashboards, reports, or stories).



Data Preparation:



IBM Cognos Analytics with Watson

New data module

Search content

Properties

Data module

Grid Relationships Custom tables

Global_Su...tore2.csv

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

Filter...

Create calculation...

Create data group...

Create navigation path...

Hide from users

Remove

Format data...

Clean...

Sort descending

Sort ascending

Properties

State	Country	Postal Code	Market	Region	Product ID	Category
New York	United States	10024		East	TEC-AC-10003033	Technology
New South Wales	Australia	Null		Oceania	FUR-CH-10003950	Furniture
Queensland	Australia	Null		Oceania	TEC-PH-10004664	Technology
Berlin	Germany	Null		Central	TEC-PH-10004583	Technology
Daakar	Senegal	Null		Africa	TEC-SHA-10000501	Technology
New South Wales	Australia	Null		Oceania	TEC-PH-10000030	Technology
Wellington	New Zealand	Null		Oceania	FUR-CH-10004050	Furniture
Waikato	New Zealand	Null	APAC	Oceania	FUR-TA-10002958	Furniture
California	United States	95823	US	West	OFF-BI-10003527	Office Supplies
North Carolina	United States	28027	US	South	FUR-TA-10000198	Furniture

IBM Cognos Analytics with Watson

New data module

Search content

Properties

Data module

Grid Relationships Custom tables

Global_Superstore2.csv

Row ID

Order ID

Order Date

Ship Date

Ship Mode

Customer ID

Customer Name

Segment

City

State

Country

Market

Region

Product ID

Category

Sub-Category

Product Name

Diagram settings

Cardinality

Focus mode

Degrees of separation: 1

1

Calculation...

Filter...

Table...

Rename

Show query information...

Hide from users

Remove

Manage filters

Auto-arrange

Properties

IBM Cognos Analytics with Watson

New data module

Search content

Create calculation

Name Day

Components

Global_Su...tore2.csv

Row ID

Order ID

Order Date

Ship Date

Ship Mode

Customer ID

Customer Name

Segment

City

Expression

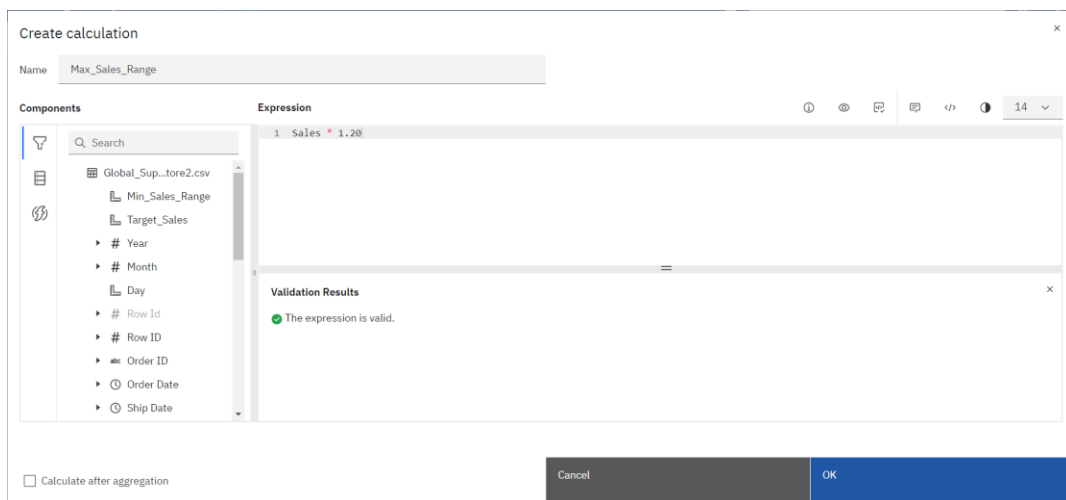
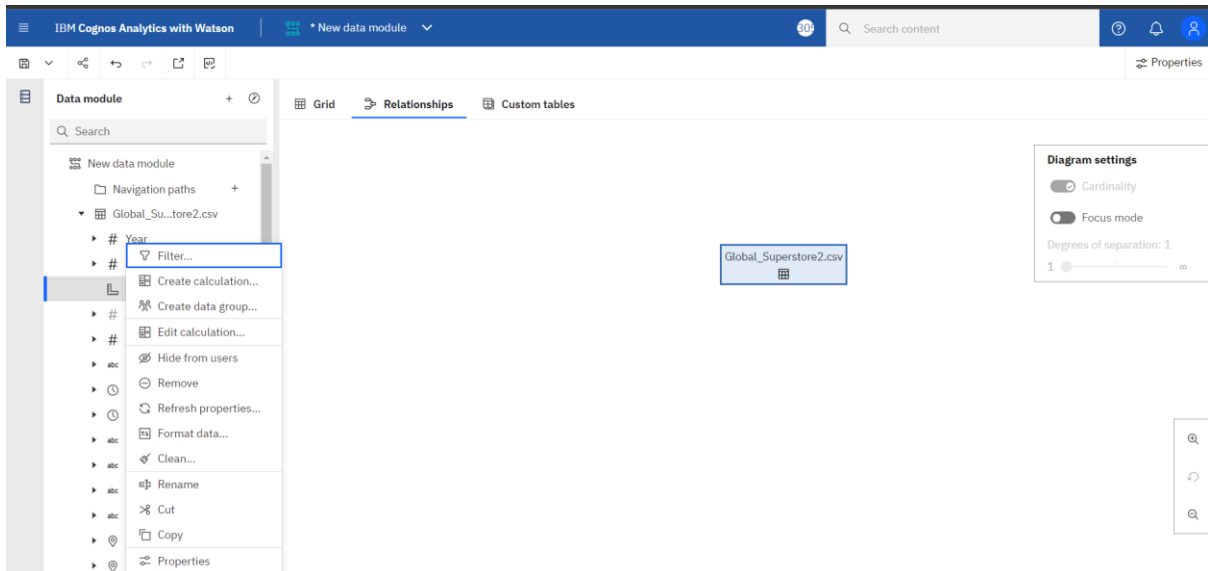
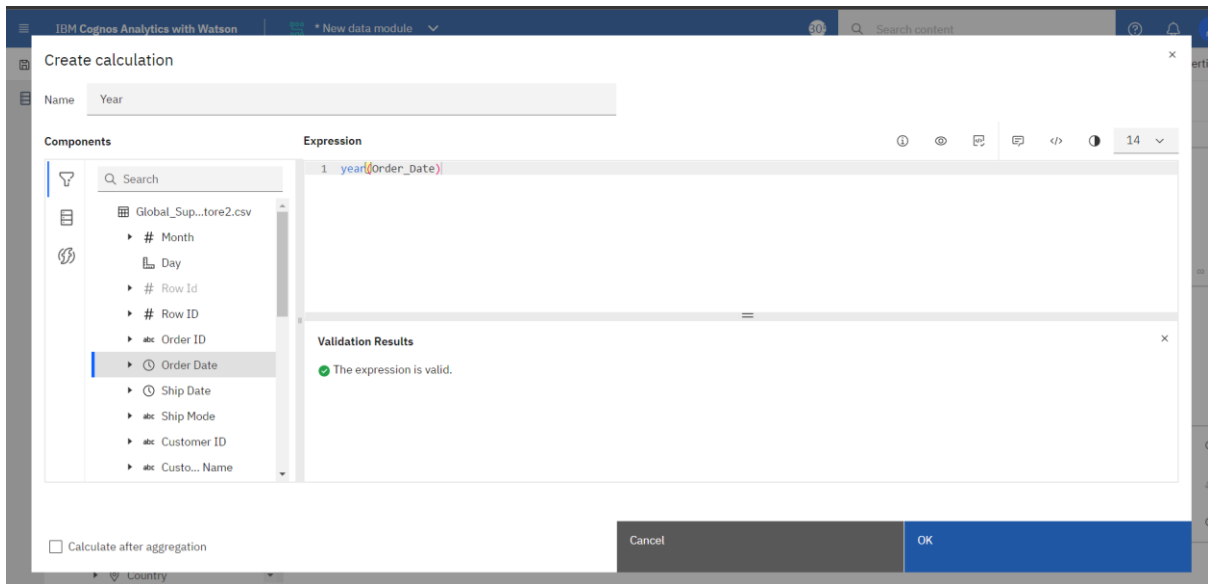
1 day[order_date]

Information

Calculate after aggregation

Cancel

OK



New data module

80%

Search content

Data format

×

Column: Day

Format type:

Date/Time

ⓘ Clock

Default

▼

ⓘ Date separator

Default

▼

ⓘ Date style

Default

▼

ⓘ Date ordering

Default

▼

ⓘ Display AM and PM symbols

Default

▼

ⓘ Display time zone

Default

▼

ⓘ Time separator

Default

▼

ⓘ Missing value characters

<empty>

▼

Advanced options

Reset properties

Cancel

OK

Save as

×

Name

Global_Sales_Prep

Selected destination: My content

My content

Team content

⏏

↕

📁

⚙️

Name	Type	Last Accessed
🔗 50_Startups.csv CSV	Uploaded file	9/18/2022, 4:00 AM
🔗 Global_Superstore2.csv CSV	Uploaded file	11/17/2022, 8:35 PM

Cancel

Save

Data exploration:

Add a data source to explore




My content

Team content

Filter

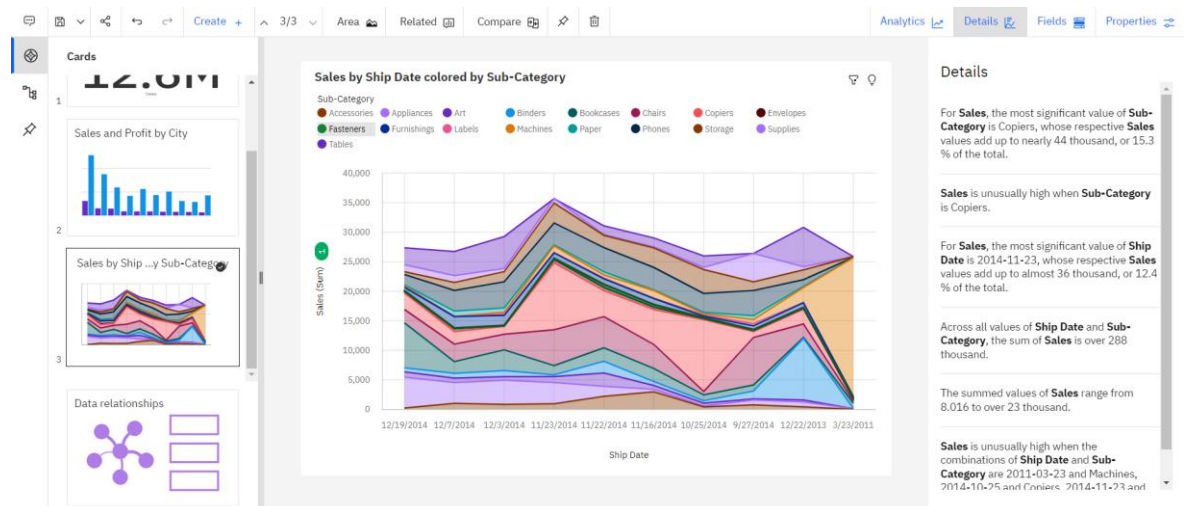
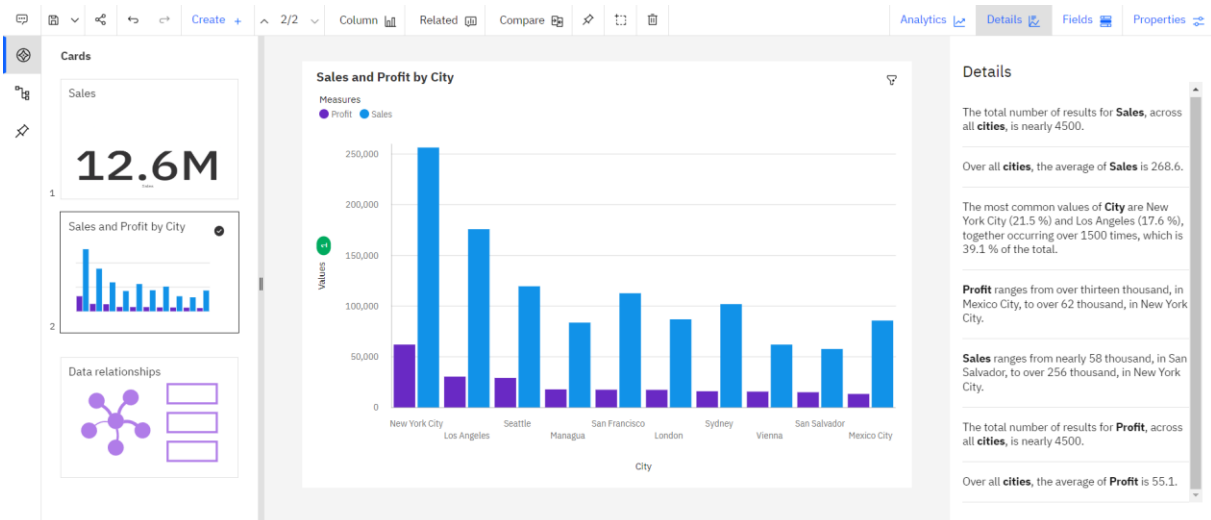
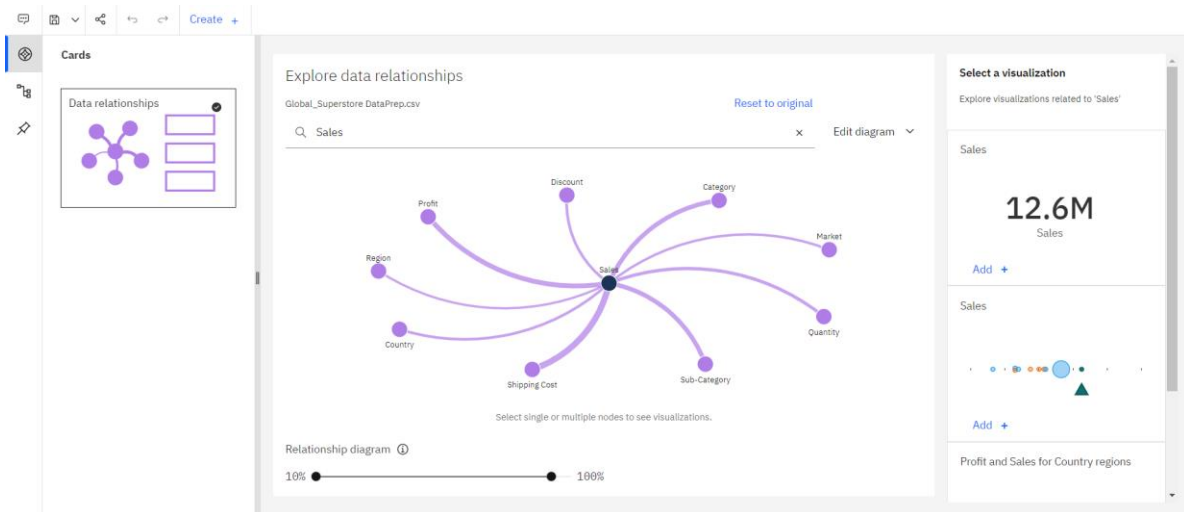
Sort

Settings

Name	Type	Last Accessed
 50_Startups.csv CSV	Uploaded file	9/18/2022, 4:00 AM
 Global_Sales_Prep	Data module	11/17/2022, 8:58 PM
 Global_Superstore2.csv CSV	Uploaded file	11/17/2022, 8:35 PM

Cancel

Add



Data Exploration Link:

https://us1.ca.analytics.ibm.com/bi/?perspective=explore&pathRef=.my_folders%2FGlobal_Superstore%2BExploration&subView=model0000018488c590b2_00000004