

PROJECT DEVELOPMENT PHASE

Delivery of Sprint-1

Date	29 October 2022
Team ID	PNT2022TMID41405
Project Name	Global Sales Data Analytics

Project Development Phase:

Sprint-1:

Registration and Data upload

Sprint-2:

Data preprocessing

Sprint-3:

Dashboard Exploration and Creation

Sprint-4:

Report Creation

Story Creation

TOOL USED: COGNOS ANALYTICS



IBM

Cognos

Analytics

DATA COLLECTION:

Sprint -1:

Registration and Data upload

Download the Dataset: <https://www.kaggle.com/datasets/apoorvaappz/global-super-store-dataset>

IBM Cognos Analytics with Watson

50% Search content

Hello. Welcome to Cognos Analytics with Watson.

You can get started right away by taking a look at our introduction video, product tour and Getting Started tab.

[Watch video](#) [Take a product tour](#)

Quick launch

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...

DATA PREPARATION

Prepare the Dataset

The screenshot displays the IBM Cognos Analytics with Watson interface. The top navigation bar includes the IBM logo, the text "IBM Cognos Analytics with Watson", and a dropdown menu for "Global_Superstore2 Data prep". A search bar with the placeholder "Search content" and a user profile icon are also present. Below the navigation bar, a toolbar contains icons for file operations (save, undo, redo, copy, paste) and a "Properties" button. The main workspace is divided into two panels. The left panel, titled "Data module", shows a search bar and a list of data sources. The source "Global_Su...tore2.csv" is highlighted with a blue border. Below it, a list of fields is shown, including "Row Id", "Order Date", "Ship Mode", "Customer ID", "Customer Name", "Segment", "City", "State", "Country", "Postal Code", and "Market". The right panel, titled "Grid", shows a table with 9 rows and 7 columns. The columns are "Row Id", "Order Date", "Ship Mode", "Customer ID", and "Customer Name". The table contains data for 9 rows, with the first row having "Row Id" 1, "Order Date" 2012-07-31, "Ship Mode" Same Day, "Customer ID" RH-19495, and "Customer Name" Rick Hansen.

Row Id	Order Date	Ship Mode	Customer ID	Customer Name
1	2012-07-31	Same Day	RH-19495	Rick Hansen
2	2013-02-05	Second Class	JR-16210	Justin Ritter
3	2013-10-17	First Class	CR-12730	Craig Reiter
4	2013-01-28	First Class	KM-16375	Katherine Murre
5	2013-11-05	Same Day	RH-9495	Rick Hansen
6	2013-06-28	Second Class	JM-15655	Jim Mitchum
7	2011-11-07	First Class	TS-21340	Toby Swindell
8	2012-04-14	Standard Class	MB-18085	Mick Brown
9	2014-10-14	Standard Class	JW-15220	Jane Waco

Order Day :

Edit calculation

×

Name Order_Day

Components

Expression



14



Search

Global_Sup...tore2.csv

▶ All

▶ Order_Day

▶ Order_month

▶ Order_year

▶ # Row ID

▶ Order Date

▶ abc Ship Mode

▶ abc Customer ID

▶ abc Custo... Name

▶ abc Segment

1 day(Order_Date)

Preview (Execution time: 5.296 seconds)

Refresh



×

Order_Day	Order Date
31	2012-07-31
5	2013-02-05

Order Month:

Edit calculation



Name

Order_month

Components

🔍 Search

Global_Sup...tore2.csv

▶ 📊 All

▶ 📊 Order_Day

▶ 📊 Order_month

▶ 📊 Order_year

▶ # Row ID

▶ 🕒 Order Date

▶ abc Ship Mode

▶ abc Customer ID

▶ abc Custo... Name

▶ abc Segment

Expression

1

month(Order_Date)

Preview (Execution time: 1.15 seconds)

Refresh ↻

×

Order_month	Order Date
7	2012-07-31
2	2013-02-05

Order year:

Edit calculation

Name

Order_year

Components

Search

Global_Sup...tore2.csv

All

Order_Day

Order_month

Order_year

Row ID

Order Date

abc Ship Mode

abc Customer ID

abc Custo... Name

abc Segment

Expression

1

year(Order_Date)

Preview

Preview

(Execution time: 1.014 seconds)

Refresh

Order_year	Order Date
2012	2012-07-31
2013	2013-02-05