

Delivery of Sprint-1

Date	29 October 2022
Team ID	PNT2022TMID21549
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

Sprint -1:

step 1:DATA COLLECTION:

Download the Dataset:

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

kaggle

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DATA UPLOADING:

UPLOAD DATA IN IBM COGNOS

LINK: <https://us3.ca.analytics.ibm.com/bi/?perspective=home>

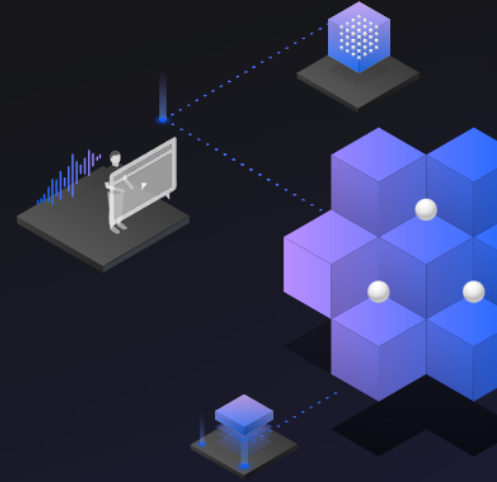


Hello. Welcome to Cognos Analytics with Watson.

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

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Take a product tour



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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 exploration.



Present data

Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

DATA PREPARATION

Prepare the Dataset

IBM Cognos Analytics with Watson Global_Superstore2 Data prep 30° Search content ? 1

Properties

Data module +

Search

Global_Super...2 Data prep

Navigation paths +

Global_Su...tore2.csv

- # Row Id
- # Row ID
- 🕒 Order Date
- abc Ship Mode
- abc Customer ID
- abc Customer Name
- abc Segment
- 📍 City
- 📍 State
- 📍 Country
- 📍 Postal Code
- abc Market

Grid Relationships Custom tables

↑↓	Row Id	Row ID	Order Date	Ship Mode	Customer ID	Customer Name
1	32298	2012-07-31	Same Day	RH-19495	Rick Hansen	
2	26341	2013-02-05	Second Class	JR-16210	Justin Ritter	
3	25330	2013-10-17	First Class	CR-12730	Craig Reiter	
4	13524	2013-01-28	First Class	KM-16375	Katherine Murra	
5	47221	2013-11-05	Same Day	RH-9495	Rick Hansen	
6	22732	2013-06-28	Second Class	JM-15655	Jim Mitchum	
7	30570	2011-11-07	First Class	TS-21340	Toby Swindell	
8	31192	2012-04-14	Standard Class	MB-18085	Mick Brown	
9	40155	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

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 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

Expression



14



Search



Global_Sup...tore2.csv



▶ All

▶ Order_Day

▶ Order_month

▶ Order_year

▶ # Row ID

▶ Order Date

▶ Ship Mode

▶ Customer ID

▶ Customer Name

▶ Segment

1 year(Order_Date)

Preview

Preview (Execution time: 1.014 seconds)

Refresh



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