

Project Development Phase

Delivery of Sprint-1

Date	30 October 2022
Team ID	PNT2022TMID16071
Project Name	Global Sales Data Analytics

Project Development Phase:

Sprint-1:

Registration and Data upload

Sprint-2:

Data preprocessing

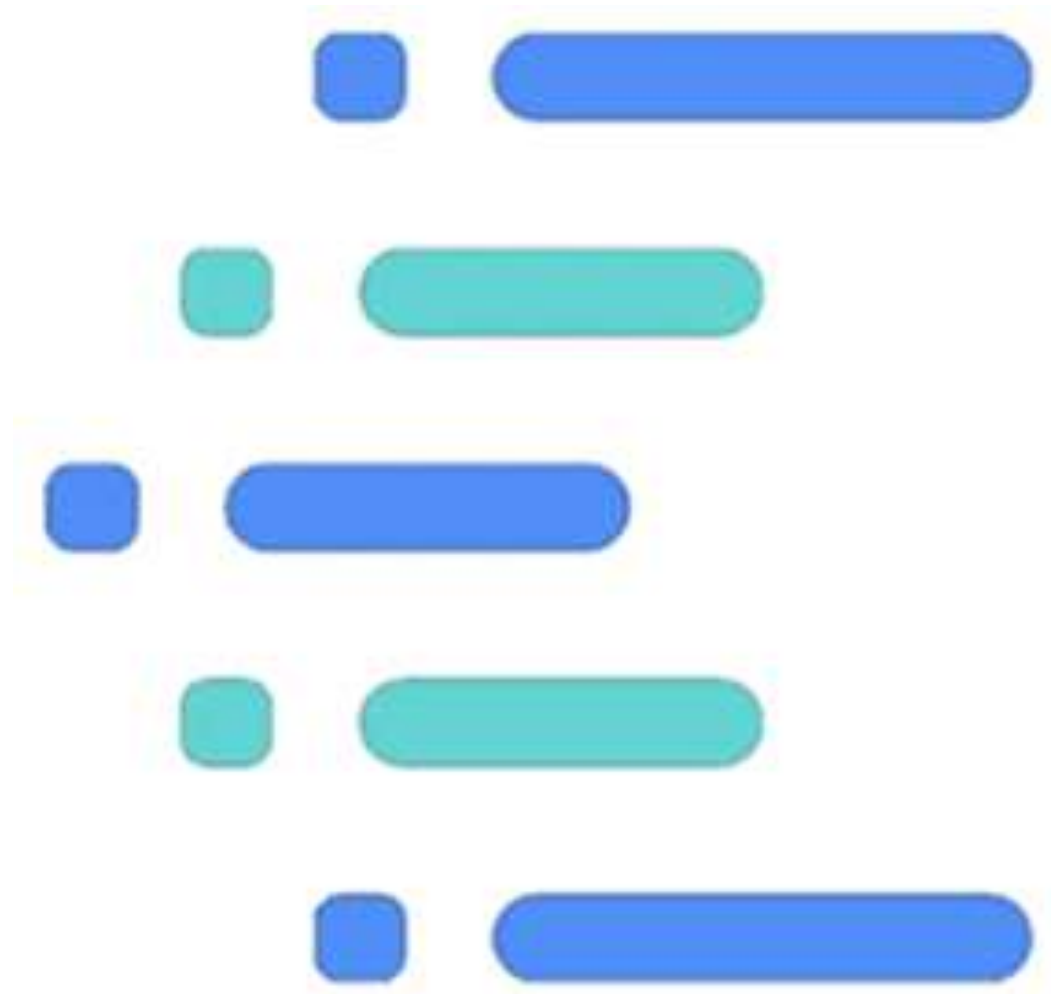
Sprint-3:

Dashboard Exploration and Creation

Sprint-4:

Report Creation
Story Creation

TOOL USED: COGNOS ANALYTICS



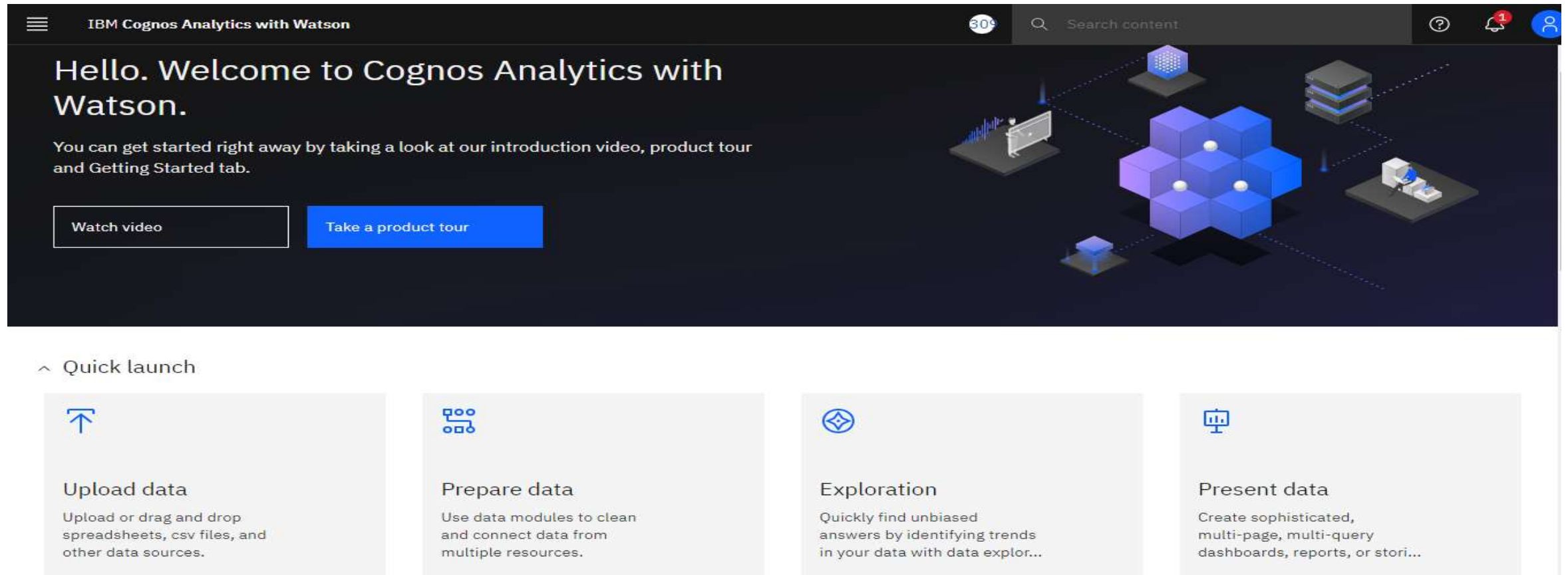
IBM
Cognos
Analytics

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 Cognos Analytics with Watson logo, the project name 'Global_Superstore2 Data prep', a search bar, and user profile icons. The main workspace is divided into a left sidebar and a central grid view.

Left Sidebar (Data module):

- Search bar
- Global_Super...2 Data prep
 - Navigation paths
 - Global_Su...tore2.csv** (highlighted)
 - Row Id
 - Row ID
 - Order Date
 - Ship Mode
 - Customer ID
 - Customer Name
 - Segment
 - City
 - State
 - Country
 - Postal Code
 - Market

Central Grid View:

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 Murre
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

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