

# Project Development Phase

## Delivery of Sprint

Team ID	PNT2022TMID06724
Project Name	Retail Store Stock Inventory Management System

### Sprint-1

#### ● Data Collection

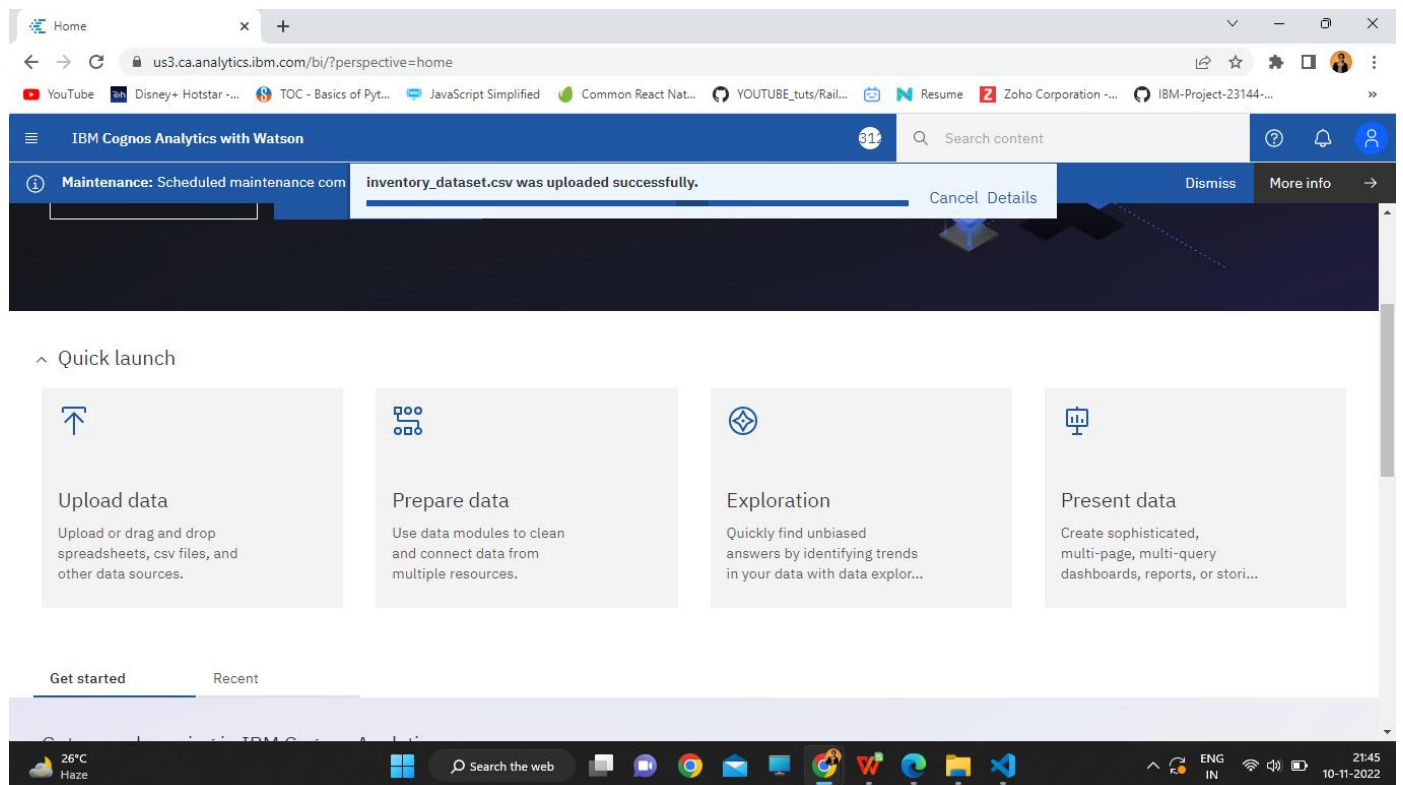
### Download the Dataset

**Dataset:**<https://drive.google.com/file/d/1awFIKJ9LiIdnNHwGLcsqNDbbwshFHR-w/view>

### Load the Dataset:

### Tool used - IBM Cognos

#### ● Data Collection



Content

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Name	Type	Last Accessed
50_Startups (1).csv CSV	Uploaded file	9/22/2022, 12:24 AM
Assignment2	Dashboard	9/24/2022, 1:23 AM
bank.csv CSV	Uploaded file	9/17/2022, 12:34 PM
inventory_dataset.csv CSV	Uploaded file	11/10/2022, 10:15 AM
Pharma_Monthly_Sales.csv CSV	Uploaded file	9/24/2022, 12:11 AM

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New data module

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Properties

Data module

Search

New data module

Navigation paths

inventory\_dataset.csv

# Row Id

Date

sales

stock

price

Grid Relationships Custom tables

Row Id	Date	sales	stock	price
1	2014-01-01	0	4972	1.29
2	2014-01-02	70	4902	1.29
3	2014-01-03	59	4843	1.29
4	2014-01-04	93	4750	1.29
5	2014-01-05	96	4654	1.29
6	2014-01-06	145	4509	1.29
7	2014-01-07	179	4329	1.29
8	2014-01-08	321	4104	1.29
9	2014-01-09	125	4459	1.09
10	2014-01-10	88	5043	1.09
11	2014-01-11	188	5239	1.09

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# ● Data Preparation

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### Create calculation

Name: Calculation name

**Components**

Search

- inventory\_dataset.csv
  - # Row Id
  - Date
    - sales
    - stock
    - price

**Expression**

```
1 Month(Date_)
```

**Validation Results**

✓ The expression is valid.

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### Create calculation

Name: Calculation name

**Components**

Search

- inventory\_dataset.csv
  - # Row Id
  - Date
    - sales
    - stock
    - price

**Expression**

```
1 if(sales > 0) THEN (median(sales)) ELSE (sales)
```

**Validation Results**

✓ The expression is valid.

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Data module

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10	2014-01-10	88	5043	1.09
11	2014-01-11	188	5239	1.09

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## Sales Format-Data

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Data format

Column: sales

Format type: Number

Number of decimal places: Default

Negative sign symbol: Default

Use thousands separator: No

Negative sign position: Default

Missing value characters: <empty>

Advanced options

Reset properties

sales

Measure

Total

Integer

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# Stock Format-Data

IBM

IBM-Project-51346-16

IBM-EPBL/IBM-Project

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Data module

Search

New data module

Navigation paths

inventory\_dataset.cs

Monthly Data

Revenue

# Row Id

Date

sales

stock

price

Data format

Column: stock

Format type: Number

Number of decimal places

Default

Negative sign symbol

Default

Use thousands separator

No

Negative sign position

Default

Missing value characters

<empty>

Advanced options

Reset properties

stock

View or edit

Measure

Total

Integer

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# Price Format-Data

IBM

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Data module

Search

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Navigation paths

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Monthly Data

Revenue

# Row Id

Date

sales

stock

price

Data format

Column: price

Format type: Currency

Currency

₹ (INR) - India, rupee

Currency symbol

Default

Number of decimal places

Default

Use thousands separator

No

Currency display

Default

Missing value characters

<empty>

Advanced options

Reset properties

price

View or edit

Measure

Average

Decimal

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# Revenue Format-Data

IBM

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Navigation paths

inventory\_dataset.cs

Monthly Data

Revenue

# Row Id

Date

sales

stock

price

Data format

Column: Revenue

Format type: Number

Number of decimal places

Default

Negative sign symbol

Default

Use thousands separator

No

Negative sign position

Default

Missing value characters

<empty>

Advanced options

Reset properties

Revenue

View or edit

Measure

Total

Integer

22°C

Raining now

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# Monthly Format-Data

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Navigation paths

inventory\_dataset.cs

Monthly Data

Revenue

# Row Id

Date

sales

stock

price

Data format

Column: Monthly Data

Format type: Number

Number of decimal places

Default

Negative sign symbol

Default

Use thousands separator

No

Negative sign position

Default

Missing value characters

<empty>

Advanced options

Reset properties

Monthly Data

View or edit

Measure

Total

Integer

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# ● Data Exploration

