# Project Development Phase
## Delivery of Sprint-1

| Team ID | PNT20222TMID16489 |
|---|---|
| **Project Name** | Retail Store Stock Inventory Analytics |

# Project Development Phase:

## Sprint-1:

➢ Data Collection

➢ Data Preparation

## Sprint-2:

➢ Data Exploration

## Sprint-3:

➢ Dashboard Creation

## Sprint-4:

➢ Report Creation

➢ Story Creation

# Sprint-1:

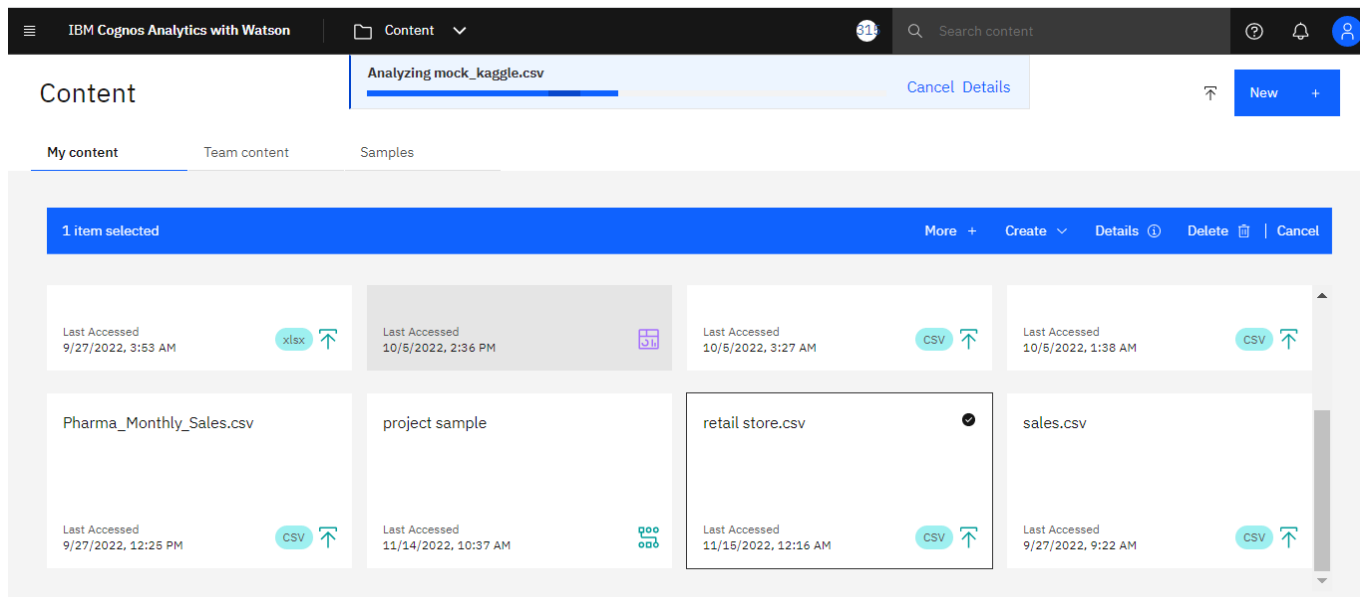# Data Collection:

Download the Dataset

Dataset link - https://drive.google.com/drive/folders/1kiL-

5CHJmQvbk9VyFsuUs-myAupBZGNy

# Data Preparation:

## Understanding the dataset:

By using the Microsoft Excel platform

| | A | B | C | D |
|---|---|---|---|---|
| 1 | date | sales | stock | Price |
| 2 | 01-01-2014 | 0 | 4972 | 1.29 |
| 3 | 02-01-2014 | 70 | 4902 | 1.29 |
| 4 | 03-01-2014 | 59 | 4843 | 1.29 |
| 5 | 04-01-2014 | 93 | 4750 | 1.29 |
| 6 | 05-01-2014 | 96 | 4654 | 1.29 |
| 7 | 06-01-2014 | 145 | 4509 | 1.29 |
| 8 | 07-01-2014 | 179 | 4329 | 1.29 |
| 9 | 08-01-2014 | 321 | 4104 | 1.29 |
| 10 | 09-01-2014 | 125 | 4459 | 1.09 |
| 11 | 10-01-2014 | 88 | 5043 | 1.09 |
| 12 | 11-01-2014 | 188 | 5239 | 1.09 |
| 13 | 12-01-2014 | 121 | 5118 | 1.09 |
| 14 | 13 01 2014 | 134 | 4984 | 1 09 |

# Loading the Dataset:

Tool used – IBM Cognos analytics



# Prepare the dataset:

| 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 |

# JIRA SOFTWARE:

# Sprint-1:

| Sprints | | OCT | NOV | DEC |
|---------|------|-----|-----|-----|
| | | RS... | | |
| RSSI-1 Data collection | DONE | | | |
| RSSI-6 Data exploration | | | | |

# Reference link: https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.public_folders%2Fsprint%2B1%2Fretail%2Bdata%2Bmodule

# JIRA SOFTWAR LINK:

https://siddhu02.atlassian.net/jira/software/projects/RSSI/boards/1/roadmap?timeline=MONTHS&shared=&atlOrigin=eyJpIjoiNzlhY2E3OGM4MDg5NDAxYjgwZjcxZjE5NjBhMzE5ZjUiLCJwIjoiaiJ9