

PROJECT DEVELOPMENT PHASE

DELIVERY OF SPRINT-3

Date	16-11-2022
Team ID	PNT2022TMID05551
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

RETAIL STORE STOCK INVENTORY ANALYTICS

PROJECT CONTRIBUTORS

- G V THARINI
- M SUGITHAA
- N SASTIKA
- R SULTHAN RAHUMATH NISHA



TEAM ID:PNT2022TMID05551

DATA COLLECTION:

Download the Dataset

Dataset link - [https://drive.google.com/drive/folders/1kiL-](https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy)

[5CHJmQvbk9VyFsuUs-myAupBZGNy](https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy)

LOAD THE DATASET:

Tool used – IBM Cognos

Content

mock_kaggle.csv was uploaded successfully.

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Filter

Sort

Folder

Link

Refresh

Grid

Menu

Data module

Last Accessed 9/25/2022, 12:24 AM

Folder

Sprint-1

Last Accessed 10/30/2022, 11:59 PM

Folder

50_startups.csv

Last Accessed 9/16/2022, 3:23 AM

CSV ↑

bank (1).csv

Last Accessed 9/18/2022, 11:49 PM

CSV ↑

bikebuyer.csv

Last Accessed 9/14/2022, 9:02 AM

CSV ↑

mock_kaggle.csv

Last Accessed 10/31/2022, 12:06 AM


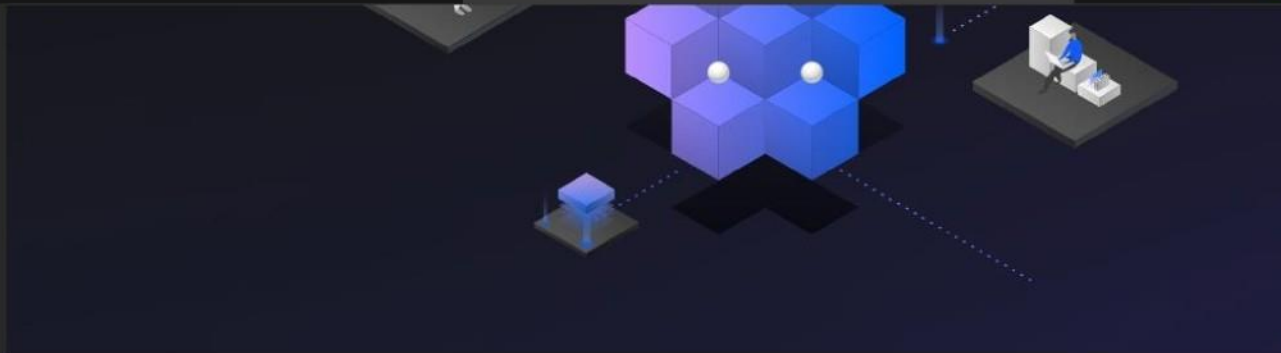
CSV ↑

Olympic Events.xlsx

Olympic Medals.xlsx

Pharma_Monthly_Sales.csv

pharmacy data

 Story **Manage**

Quickly find unbiased answers by identifying trends in your data with data exploration



Create sophisticated, multi-page, multi-qLfery dashboards, reports, or stori...

Create a Dashboard:

Create a dashboard

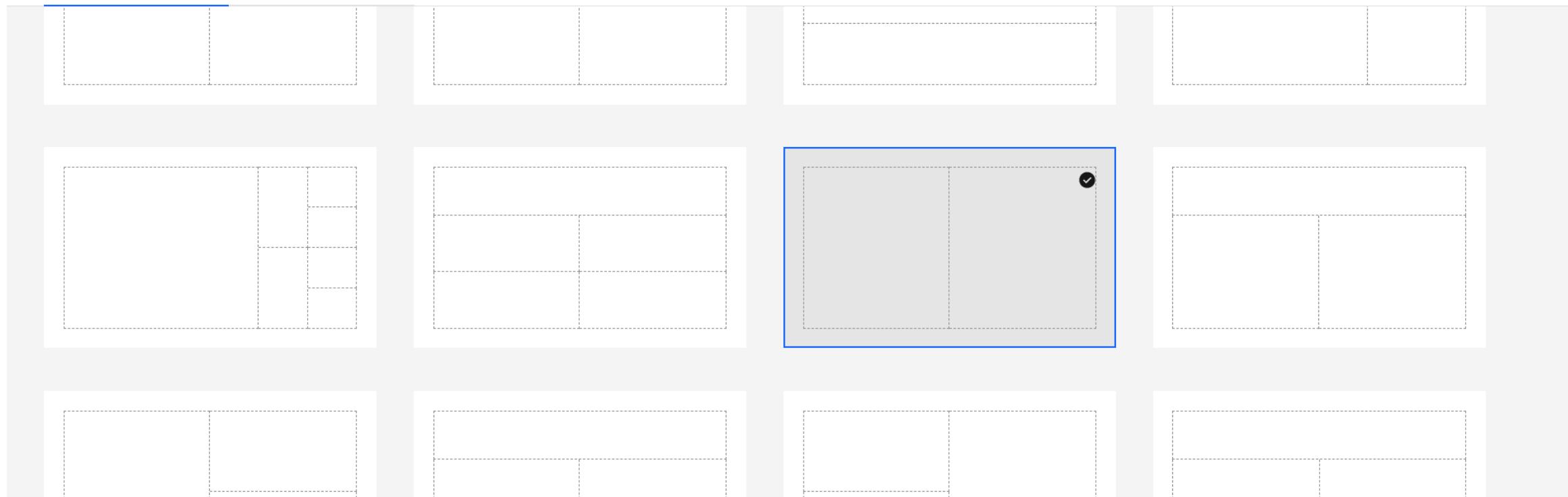
Select a template for your dashboard

Cancel

Create

Tabbed

Infographic



Select a Source:

IBM Cognos Analytics with Watson

* New dashboard

304

Search content

Edit

Data


Select a source

Click select a source to add a dashboard.

Select a source

Select a source

My content / project development phase / Sprint-1

Name	Type	Last Accessed
 Retail inventory Management	Data module	11/4/2022, 12:15 AM

CancelAdd

Fields

Properties

ere to filter this tab.



Edit



Analytics

Filters

Properties

Tab 2

Tab 3

Tab 4

Tab 5

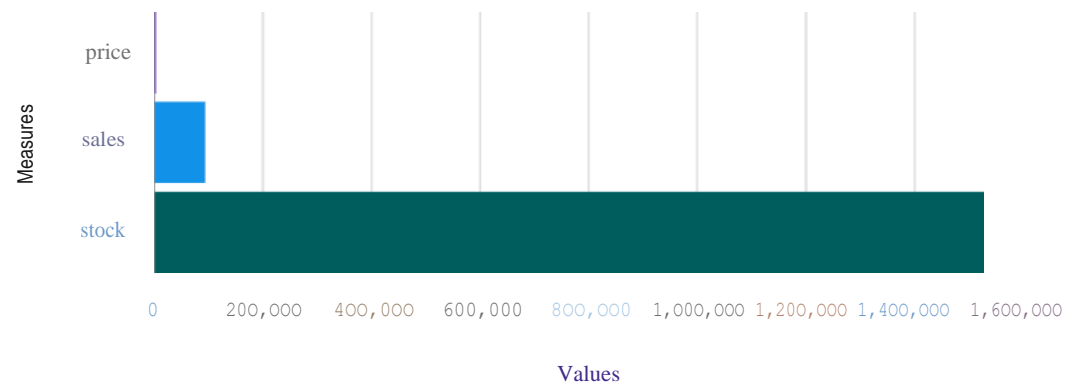
+



price, sales, stock

Measures

price @ sales @ stock



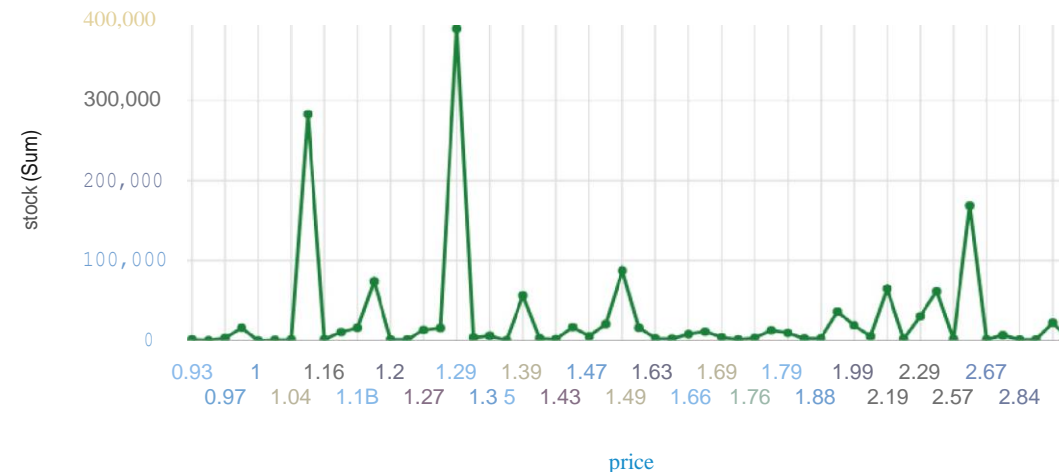
price by Year

price (Avg)

1

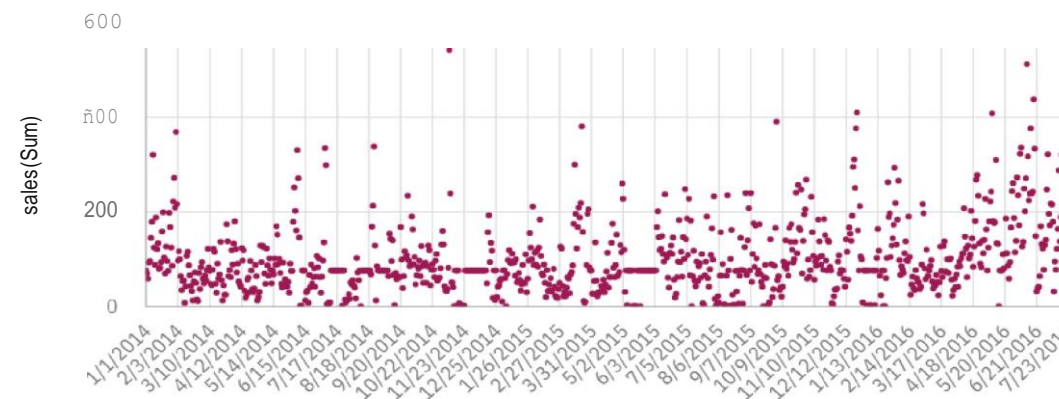
0

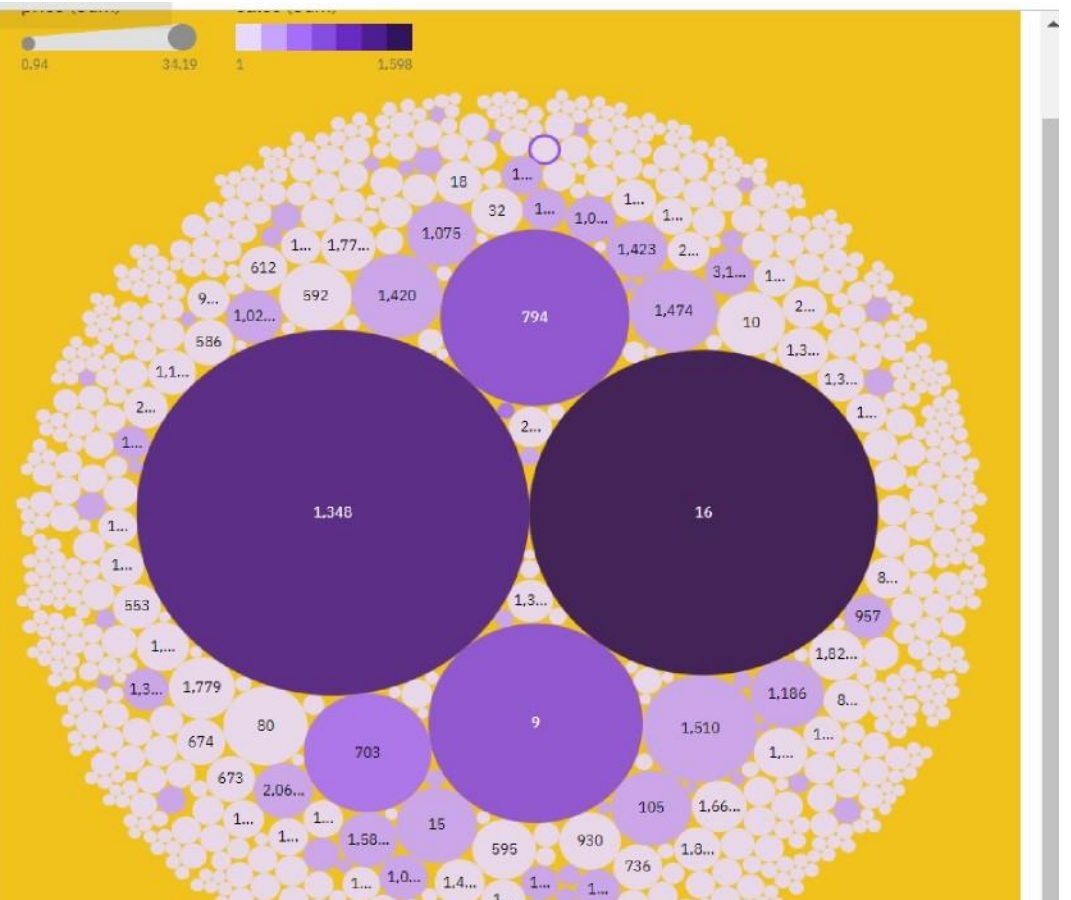
stock by price



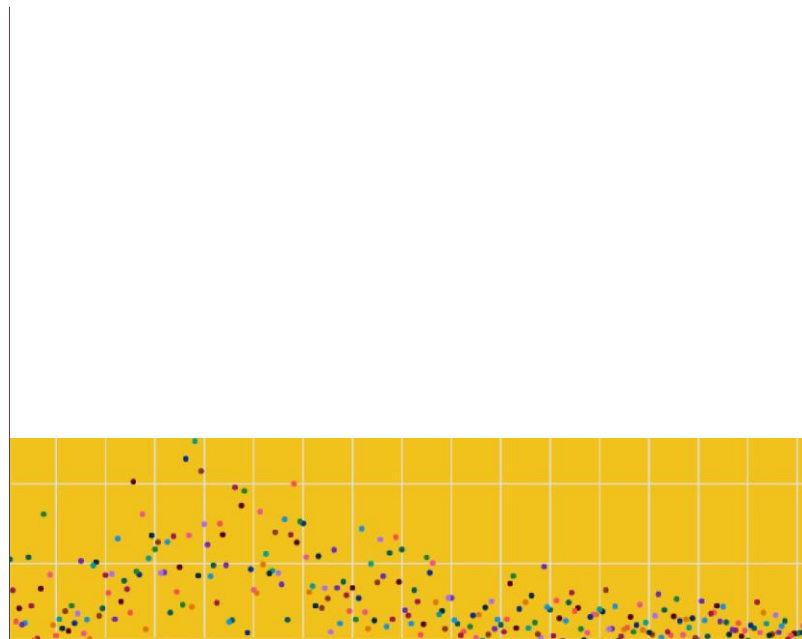
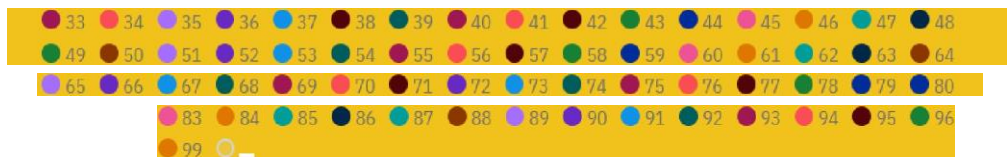
@

sales by Year





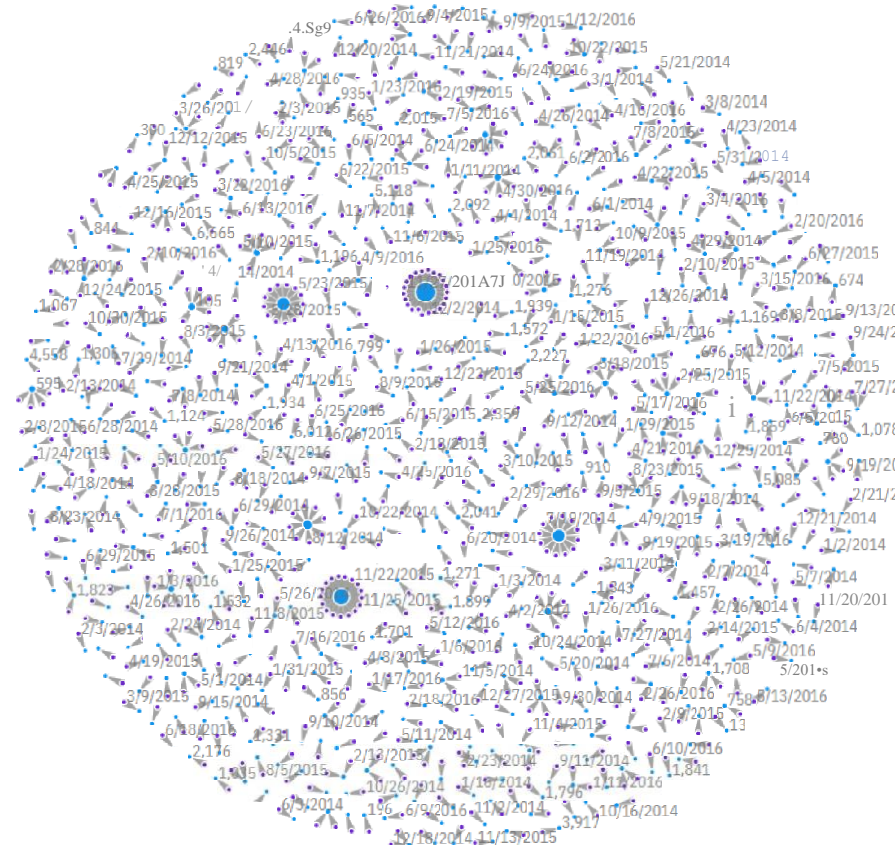
Tab 1 Tab 2 Tab 3 Tab 4 Tab 5 +



1 17 33 49 65 81 97 113 129 145 164 181 199 232 260 310 410

Year to stock

From To
@ Year @ stock

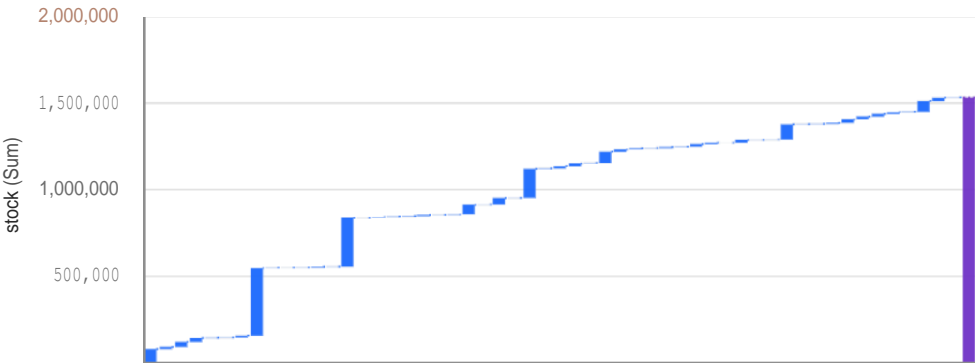


Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
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Press
to exit full screen

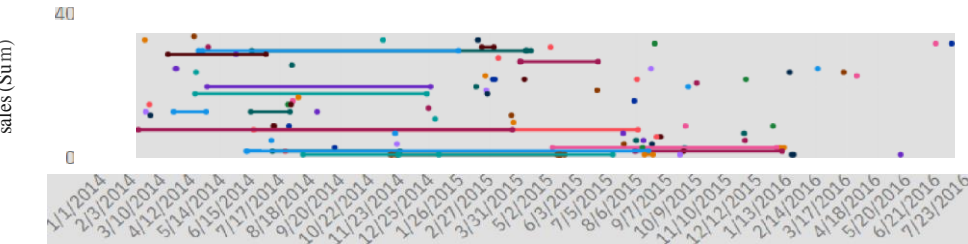
stock

Column values
Increase
Decrease
Sum



sales by Year colored by sales and price

sales - price
1 | 1.19 1 | 1.29 @ 1 | 1.46 1 | 1.A9 1 | 1.6' 1 | 1.8' 2 | 1.19 @ 2 | 1.29
2 | 1.46 2 | 1.49 2 | 1.66 3 | 1.18 3 | 1.29 3 | 1.39 3 | 1.46 3 | 1.69
4 | 1.16 4 | 1.28 4 | 1.29 5 | 1.18 ? | 1.29 ? | 1.47 ? | 2.69 6 | 1.17



Year and price

Year	price	Year
Summary		1.19
1/20/2014		1.19 1/20/201d
Summary		1.19
1/21/2014		1.19 1/21/2014
Summary		1.19
1/22/2014		1.09 1/22/201d
Summary		1.09
1/23/2014		1.09 1/23/2014
Summary		1.09
1/24/201d		1.09 1/2d/201d
Summary		1.09
1/25/2014		1.09 1/25/2014
Summary		1.09
1/26/201d		1.09 1/26/201d
Summary		1.09
1/27/2014		1.09 1/27/2014
Summary		1.09
1/28/201d		1.09 1/28/201d
Summary		1.09

PREPARED DATA LINK :

https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fproject%2Bdevelopment%2Bphase%2FSprint-3%2FRetail%2Binventory%2Bmanagement%2BDashboard&action=view&mode=dashboard&subView=model0000018441c7e4c8_00000002