PROJECT DEVELOPMENT PHASE
DELIVERY OF SPRINT-3

Date	12-11-2022
Team ID	**PNT2022TMID08214**
Project Name	Retail Store Stock Inventory Analytics

PROJECT DEVELOPMENT PHASE
SPRINT 3
 RETAIL STORE STOCK INVENTORY ANALYTICS

ANALYSING

DATA COLLECTION:

Download the Dataset

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

LOAD THE DATASET:

Tool used – IBM Cognos

2 items open

304

Search content

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Content

Recent

Manage

Data

Data module

Explore

Exploration

Present

Dashboard

Report

Story

Exploration

Quickly find unbiased
answers by identifying trends
in your data with data explor...

Present data

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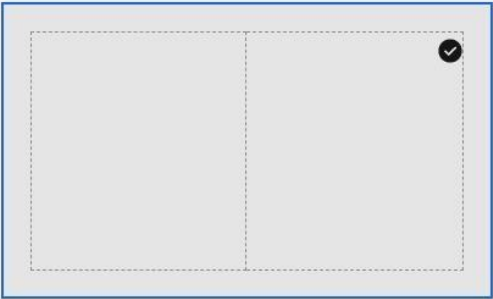dashboards, reports, or stori...

Create a Dashboard:

Select a Source:

price, sales, stock

Measures
- price
- sales
- stock
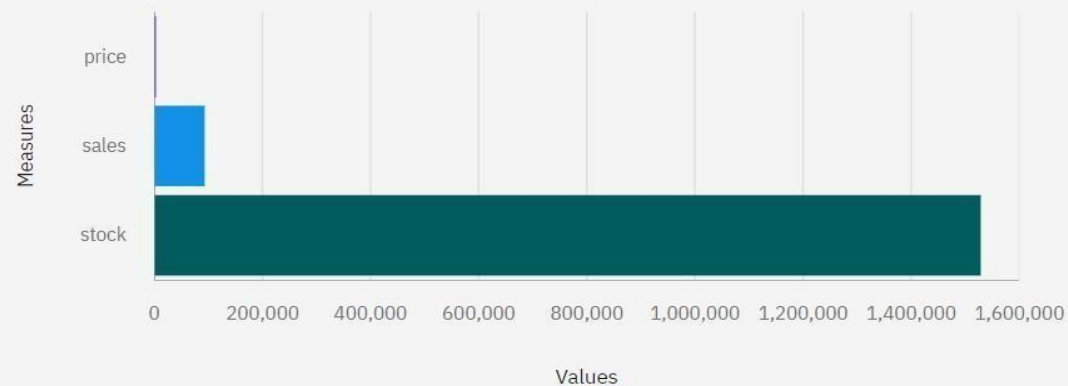
stock by price

price by Year

sales by Year

Bottom 5

price (sum)
0.94   34.19

sales (sum)
1   1,598

≥ 93   < 76   [76, 140)
4   ≥ 140
        ≥ 2.19   < 1.29
< 93   < 47
                        2
3
        [1.29, 2.19)   [47, 76)
                        5
        [76, 93)
        1

stock
All

stock, sales and price

stock	sales	price
1,528,506	93,342	1,506.14

18   1...
32   1...   1...
1... 1,77... 1,0...   1...
612   1,423   2...   3,1... 1...
9... 592   1,420   1,474   10   2...
1,02...   1,3...
586   794
1,1...   1,3...
2...   1...
1...
1,348   16
1...   8...
1...
553   957
1...   1,82...
1,3... 1,779   9   1,186   8...
80   1,510   1...
674   703   1...
673   105   1,66...
2,06...   15   595   930   1,8...
1...   1... 1,58...   736
1... 1,0... 1,4... 1... 1...
1...

Tab 1   Tab 2   **Tab 3**   Tab 4   Tab 5   +
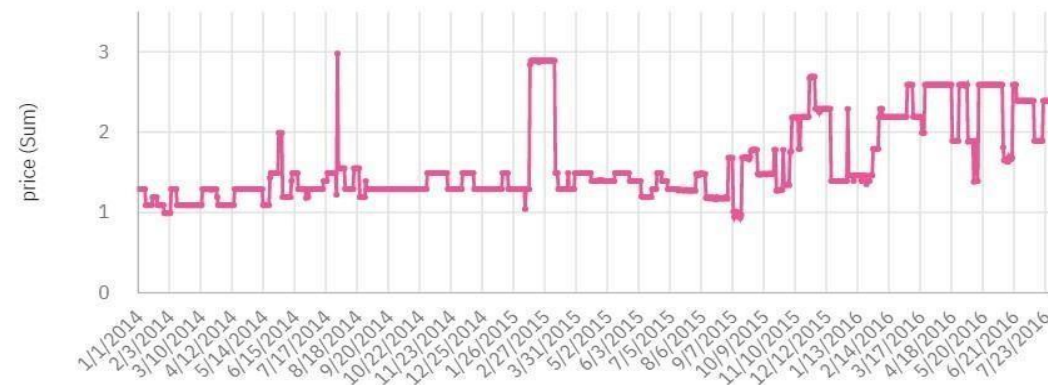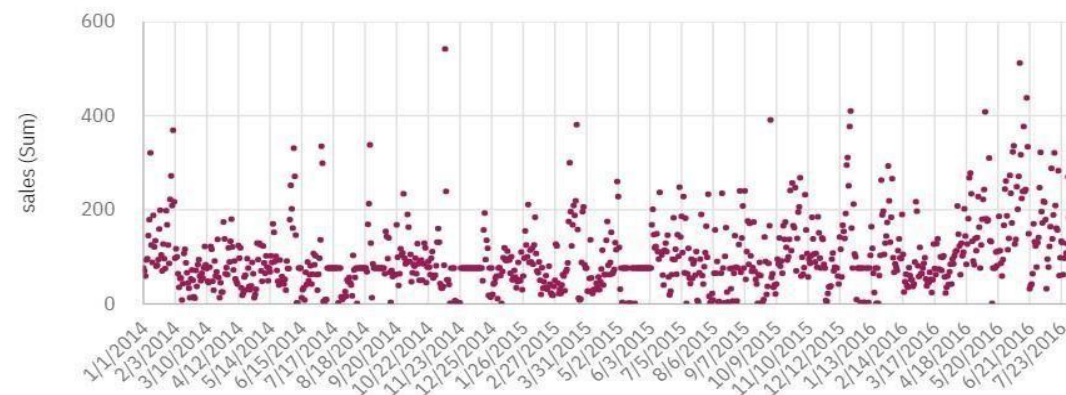
stock by sales colored by sales

sales

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64
65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96
97 98 99 ...
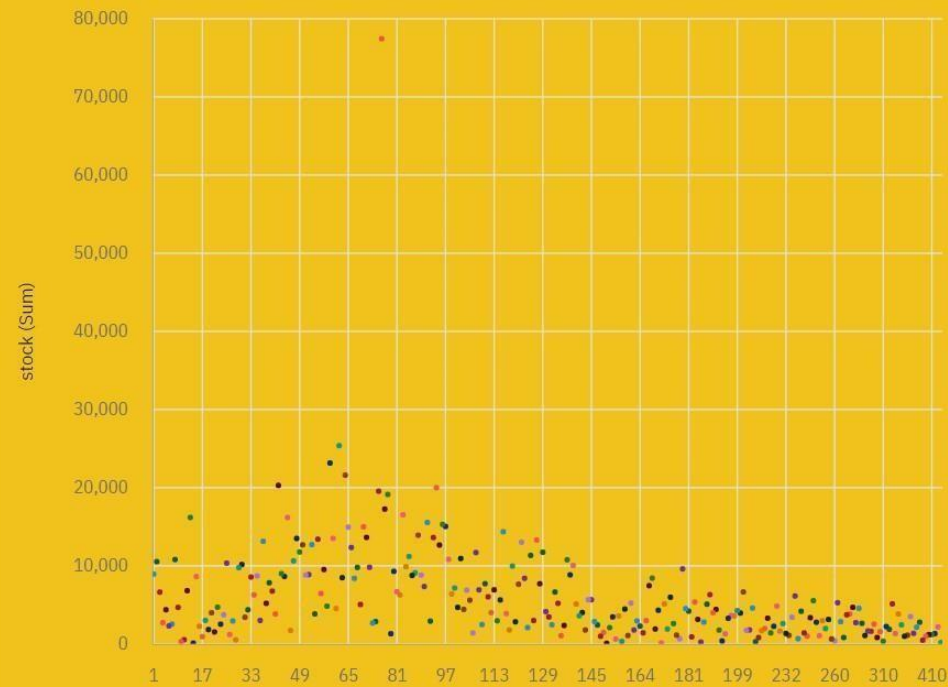
Year to stock

From   To
Year   stock

Edit

Analytics 📈 Filters 🔻 Fields 📇 Properties ⚙️

Tab 1   Tab 2   Tab 3   **Tab 4**   Tab 5   +

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 | 1.49 🟣 1 | 1.69 🟣 1 | 1.89 🔵 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 🔵 5 | 1.29 🟣 5 | 1.47 🔴 5 | 2.69 🔴 6 | 1.17

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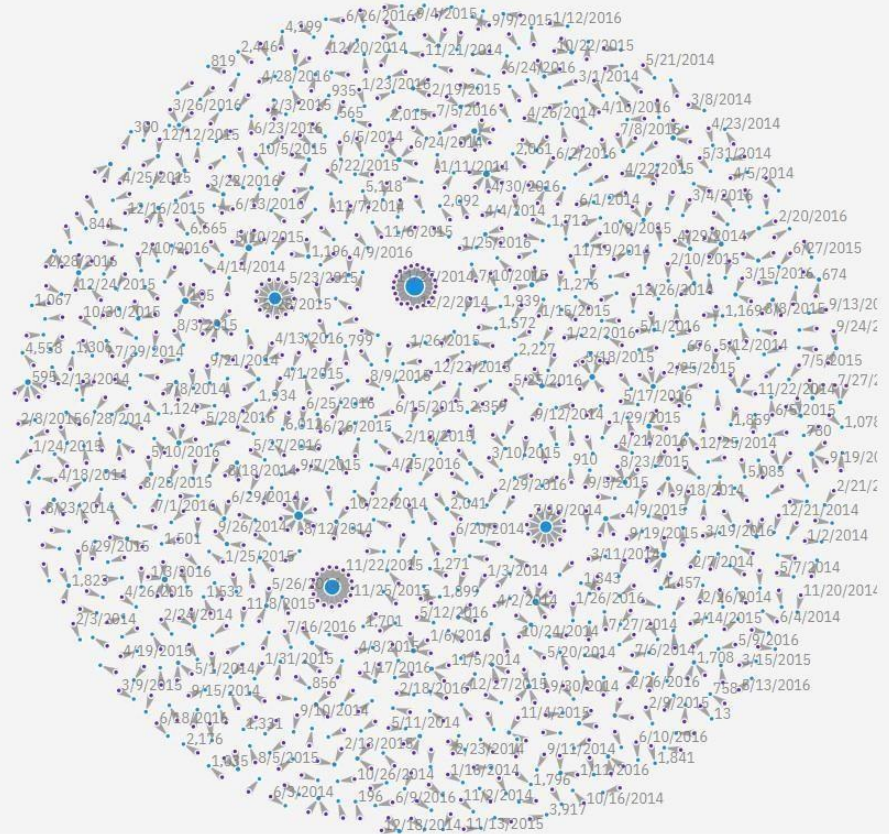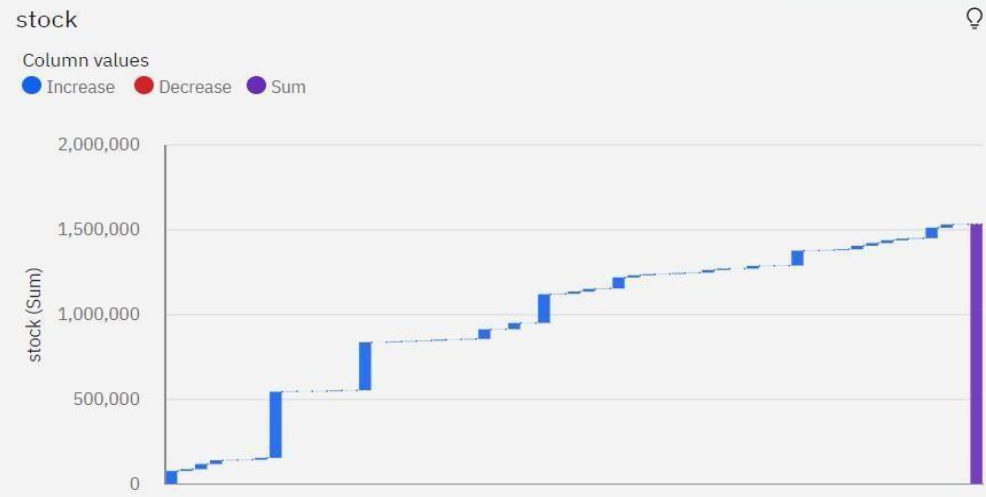
Year	price	Year
Summary	1.19	
1/20/2014	1.19	1/20/2014
Summary	1.19	
1/21/2014	1.19	1/21/2014
Summary	1.19	
1/22/2014	1.09	1/22/2014
Summary	1.09	
1/23/2014	1.09	1/23/2014
Summary	1.09	
1/24/2014	1.09	1/24/2014
Summary	1.09	
1/25/2014	1.09	1/25/2014
Summary	1.09	
1/26/2014	1.09	1/26/2014
Summary	1.09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

price colored by stock sized by sales

sales (Sum)
4   21,802

stock (Sum)
129   389,742

price by sales

sales

● 272 ● 369 ● 171 ● 198 ● 124 ● 213 ● 331 ● 199 ● 169 ● 338 ● 252 ● 237 ● 159 ● 79
● 241 ● 165 ● 257 ● 182 ● 299 ● 300 ● 10   ● 11   ● 248 ● 14   ● 335 ● 155 ● 158 ● 143
● 381 ● 193 ● 211 ● 195 ● 310 ● 212 ● 263 ● 295 ● 251 ● 311 ● 410 ● 192 ● 260 ● 391
● 233 ● 21   ● 542 ● 160 ● 17   ● 512 ● 438 ● 317 ● 224 ● 334 ● 293 ● 266 ● 173 ● 278
● 408 ● 283 ● 288 ● 178 ● 232 ● 121 ● 46   ● 151 ● 185 ● 117 ● 6   ● 188 ● 270 ● 216
● 218 ● 322 ● 162 ● 145 ● 126 ● 146 ● 152 ● 92   ● 109 ● 12   ● 147 ● 148 ● 261 ● 244
● 336 ● 273 ● 249 ● 187 ● 323 ● 206 ● 135 ● 175 ● 136 ● 176 ● 240 ● 222 ● 28   ● 134
● 26   ○ ...