Project Development Phase

Delivery of Sprint-3

Team ID	PNT2022TMID06342
Project Title	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

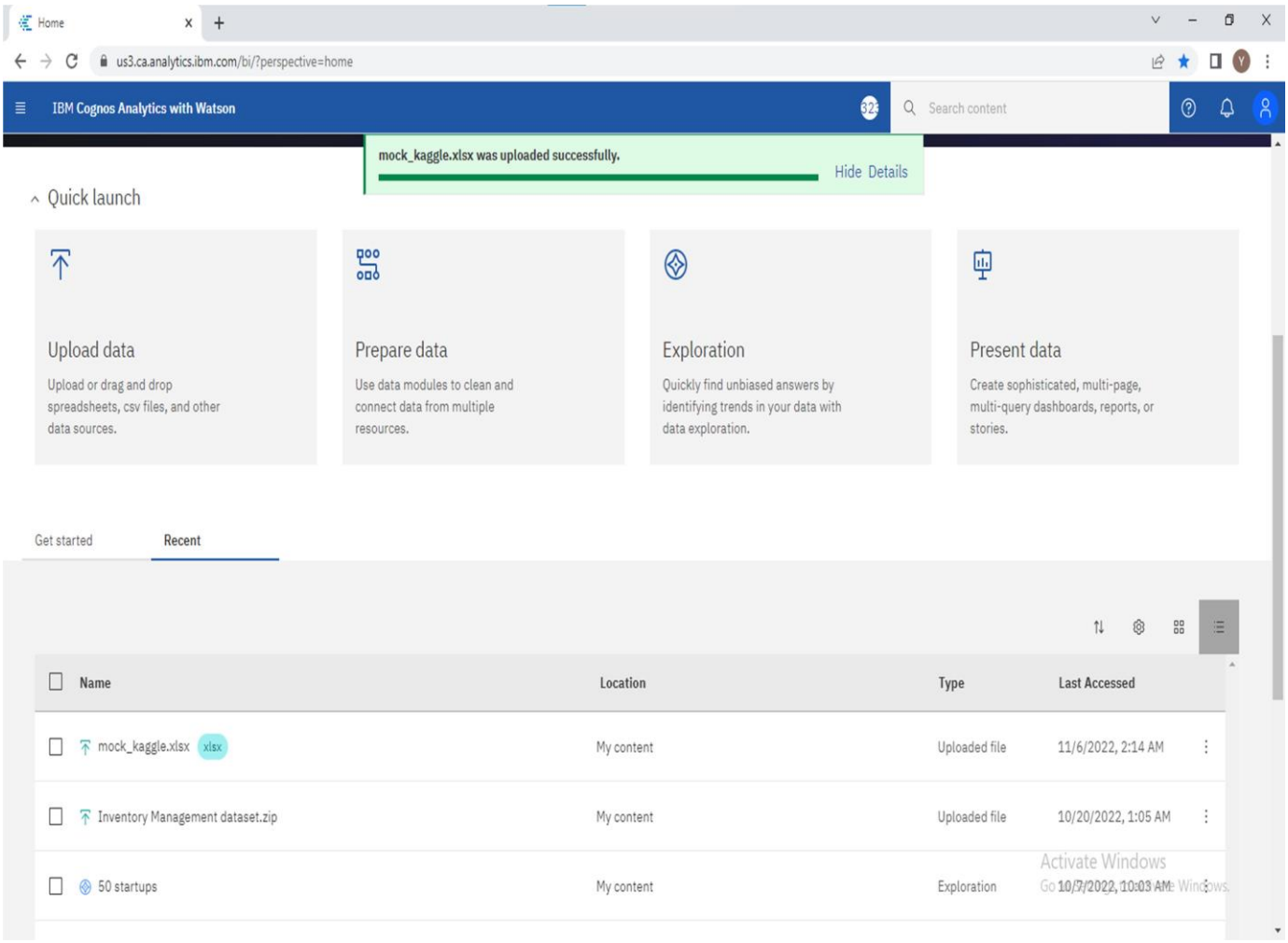
Data Collection:

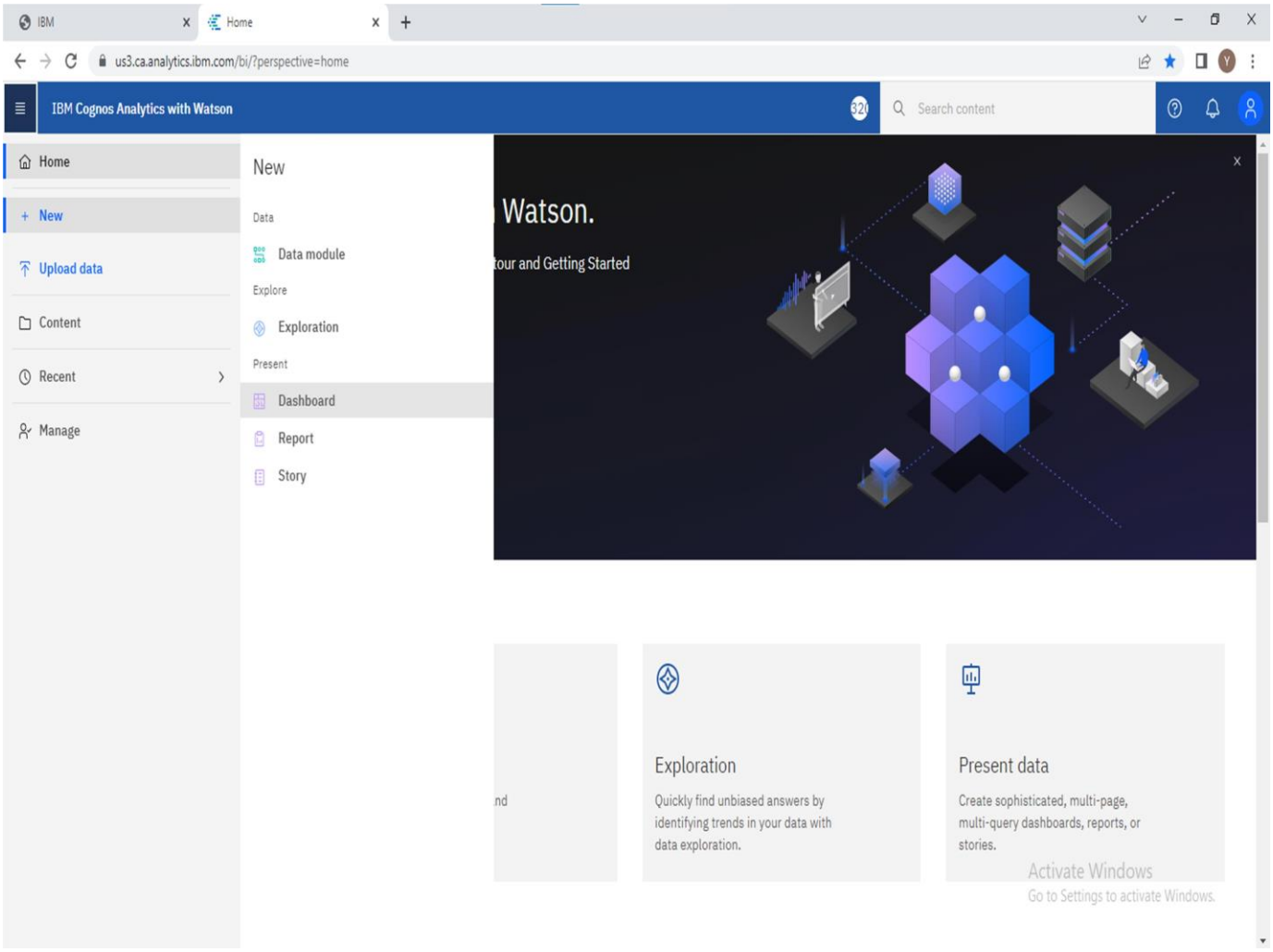
Download the Dataset

Dataset link - https://drive.google.com/drive/folders/1kiL5CHJmQvbk9VyFsuUsmyAupBZ

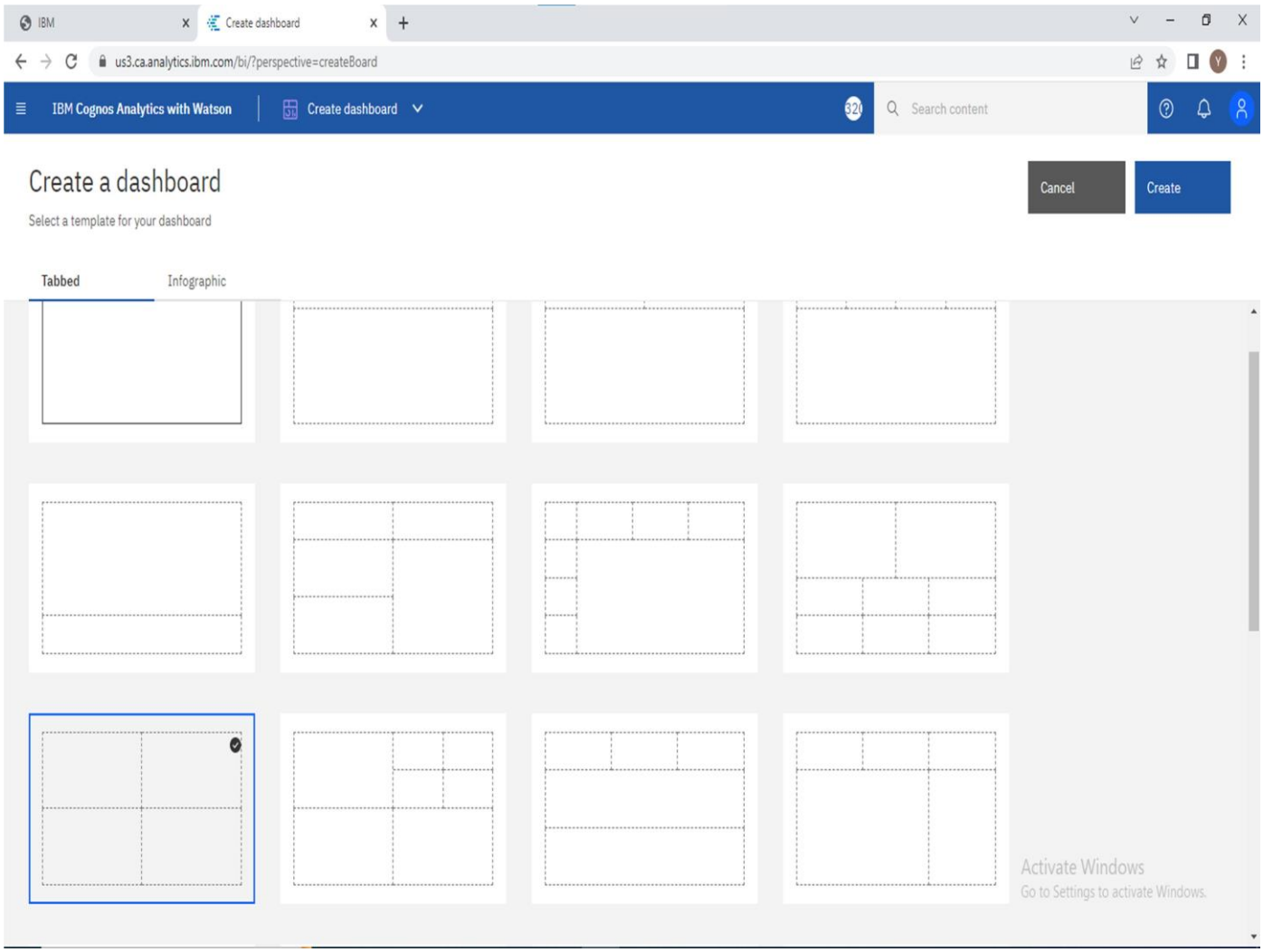
Load the Dataset:

Tools used – IBM Cognos

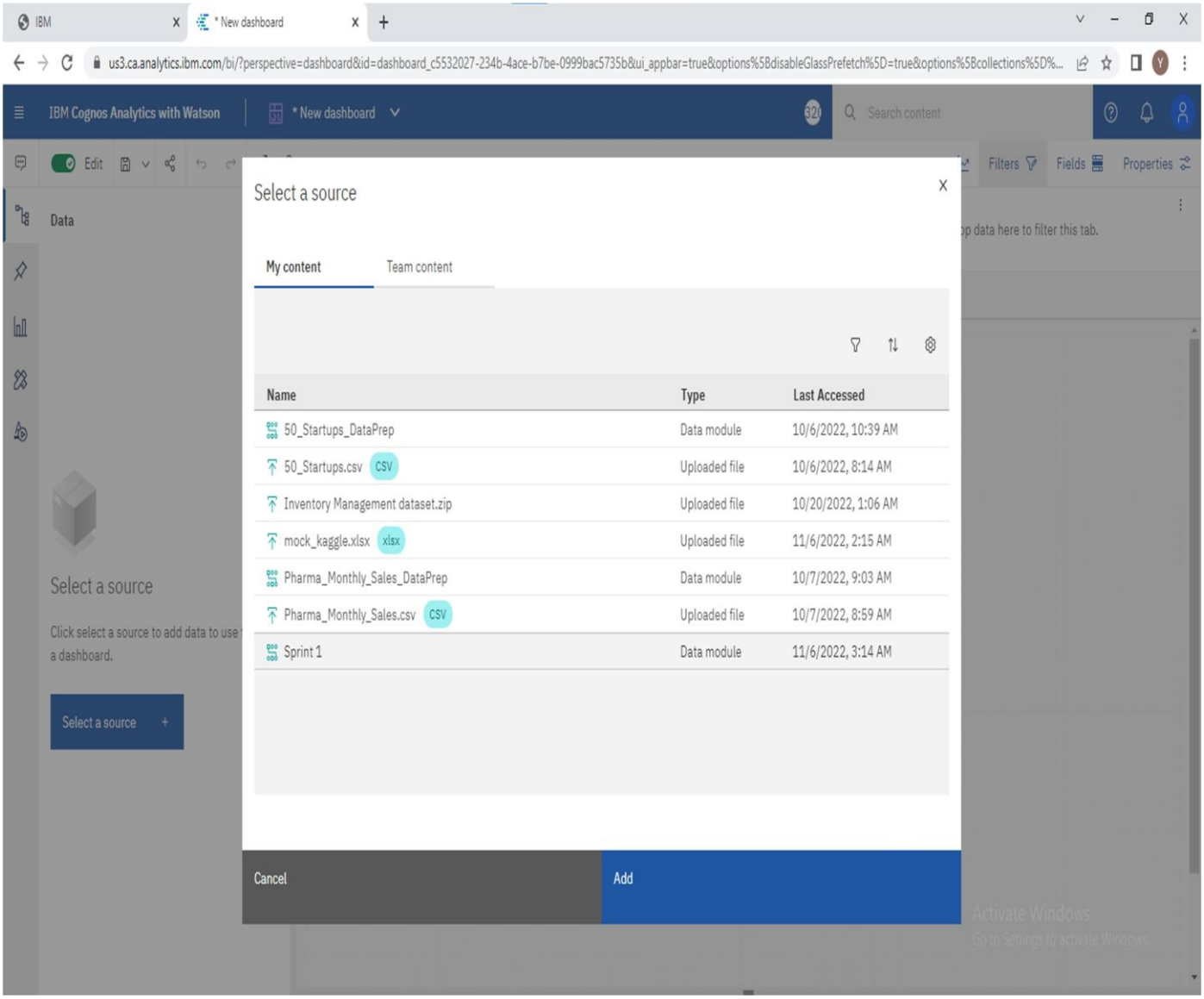


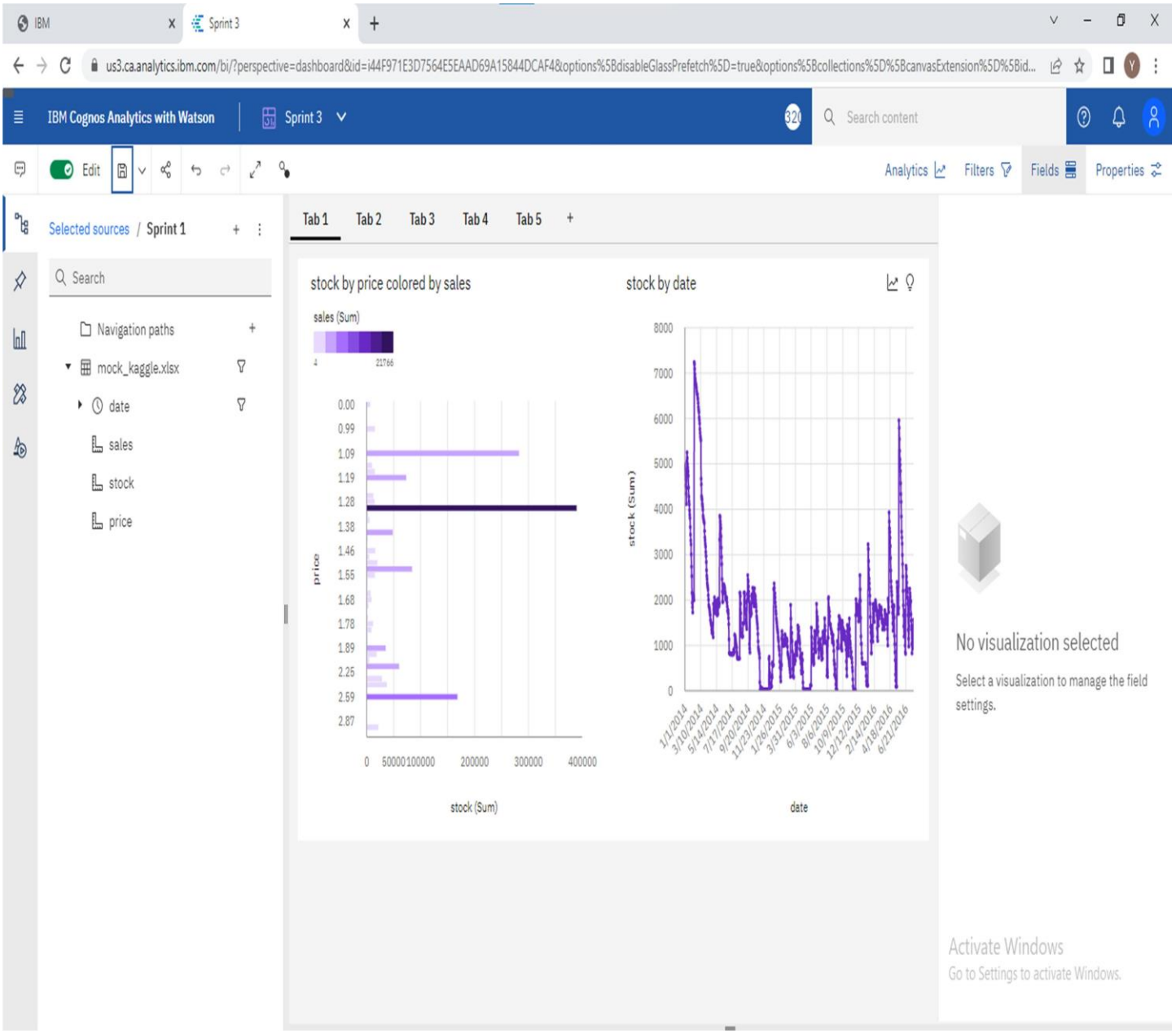

IBM
Home
us3.ca.analytics.ibm.com/bi/?perspective=home
IBM Cognos Analytics with Watson
Search content
Home
New
Upload data
Content
Recent
Manage
New
Data
Data module
Explore
Exploration
Present
Dashboard
Report
Story
Watson.
tour and Getting Started
Exploration
Quickly find unbiased answers by identifying trends in your data with data exploration.
Present data
Create sophisticated, multi-page, multi-query dashboards, reports, or stories.
Activate Windows
Go to Settings to activate Windows.

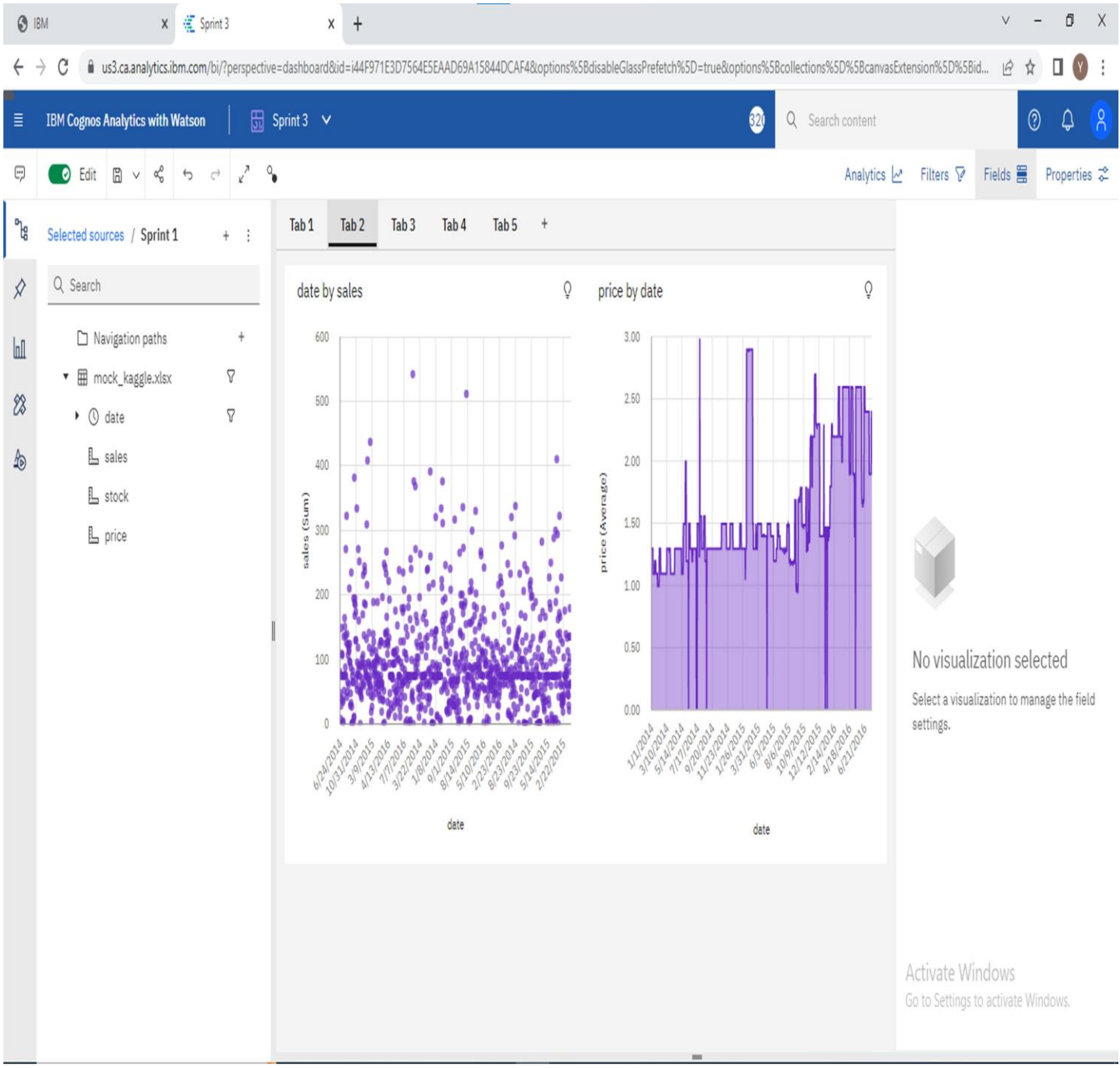
Create a Dashboard:



Select a Source:


IBM
* New dashboard
us3.ca.analytics.ibm.com/bi/?perspective=dashboard&id=dashboard_c5532027-234b-4ace-b7be-0999bac5735b&ui_appbar=true&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%...
IBM Cognos Analytics with Watson
* New dashboard
Search content
Edit
Filters
Fields
Properties
Data
Select a source
Click select a source to add data to use
a dashboard.
Select a source
Select a source
My content
Team content
Name
Type
Last Accessed
50_Startups_DataPrep
Data module
10/6/2022, 10:39 AM
50_Startups.csv
CSV
Uploaded file
10/6/2022, 8:14 AM
Inventory Management dataset.zip
Uploaded file
10/20/2022, 1:06 AM
mock_kaggle.xlsx
xlsx
Uploaded file
11/6/2022, 2:15 AM
Pharma_Monthly_Sales_DataPrep
Data module
10/7/2022, 9:03 AM
Pharma_Monthly_Sales.csv
CSV
Uploaded file
10/7/2022, 8:59 AM
Sprint 1
Data module
11/6/2022, 3:14 AM
Cancel
Add
Activate Windows
Go to Settings to activate Windows.


IBM
Sprint 3
us3.ca.analytics.ibm.com/bi/?perspective=dashboard&id=i44F971E3D7564E5EAAD69A15844DCAF4&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExtension%5D%5Bid...
IBM Cognos Analytics with Watson
Sprint 3
Search content
Edit
Analytics
Filters
Fields
Properties
Selected sources / Sprint 1
Search
Navigation paths
mock_kaggle.xlsx
date
sales
stock
price
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
stock by price colored by sales
sales (Sum)
4
21766
price
0.00
0.99
1.09
1.19
1.28
1.38
1.46
1.55
1.68
1.78
1.89
2.25
2.59
2.87
0
50000
100000
200000
300000
400000
stock (Sum)
stock by date
stock (Sum)
8000
7000
6000
5000
4000
3000
2000
1000
0
1/1/2014
3/10/2014
5/14/2014
7/17/2014
9/20/2014
11/23/2014
1/26/2015
3/31/2015
6/3/2015
8/6/2015
10/9/2015
12/12/2015
2/14/2016
4/18/2016
6/21/2016
date
No visualization selected
Select a visualization to manage the field settings.
Activate Windows
Go to Settings to activate Windows.


IBM
Sprint 3
us3.ca.analytics.ibm.com/bi/?perspective=dashboard&id=i44F971E3D7564E5EAAD69A15844DCAF4&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExtension%5D%5Bid...
IBM Cognos Analytics with Watson
Sprint 3
320
Search content
Edit
Analytics
Filters
Fields
Properties
Selected sources / Sprint 1
Search
Navigation paths
mock_kaggle.xlsx
date
sales
stock
price
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
date by sales
sales (Sum)
600
500
400
300
200
100
0
6/24/2014
10/31/2014
3/9/2015
4/13/2016
7/7/2016
3/22/2014
1/8/2014
9/1/2015
8/14/2015
5/10/2016
2/23/2016
8/23/2014
9/23/2015
5/4/2015
2/22/2015
date
price by date
price (Average)
3.00
2.50
2.00
1.50
1.00
0.50
0.00
1/1/2014
3/10/2014
5/14/2014
7/17/2014
9/20/2014
11/23/2014
1/26/2015
3/31/2015
6/3/2015
8/6/2015
10/9/2015
12/12/2015
2/14/2016
4/18/2016
6/21/2016
date
No visualization selected
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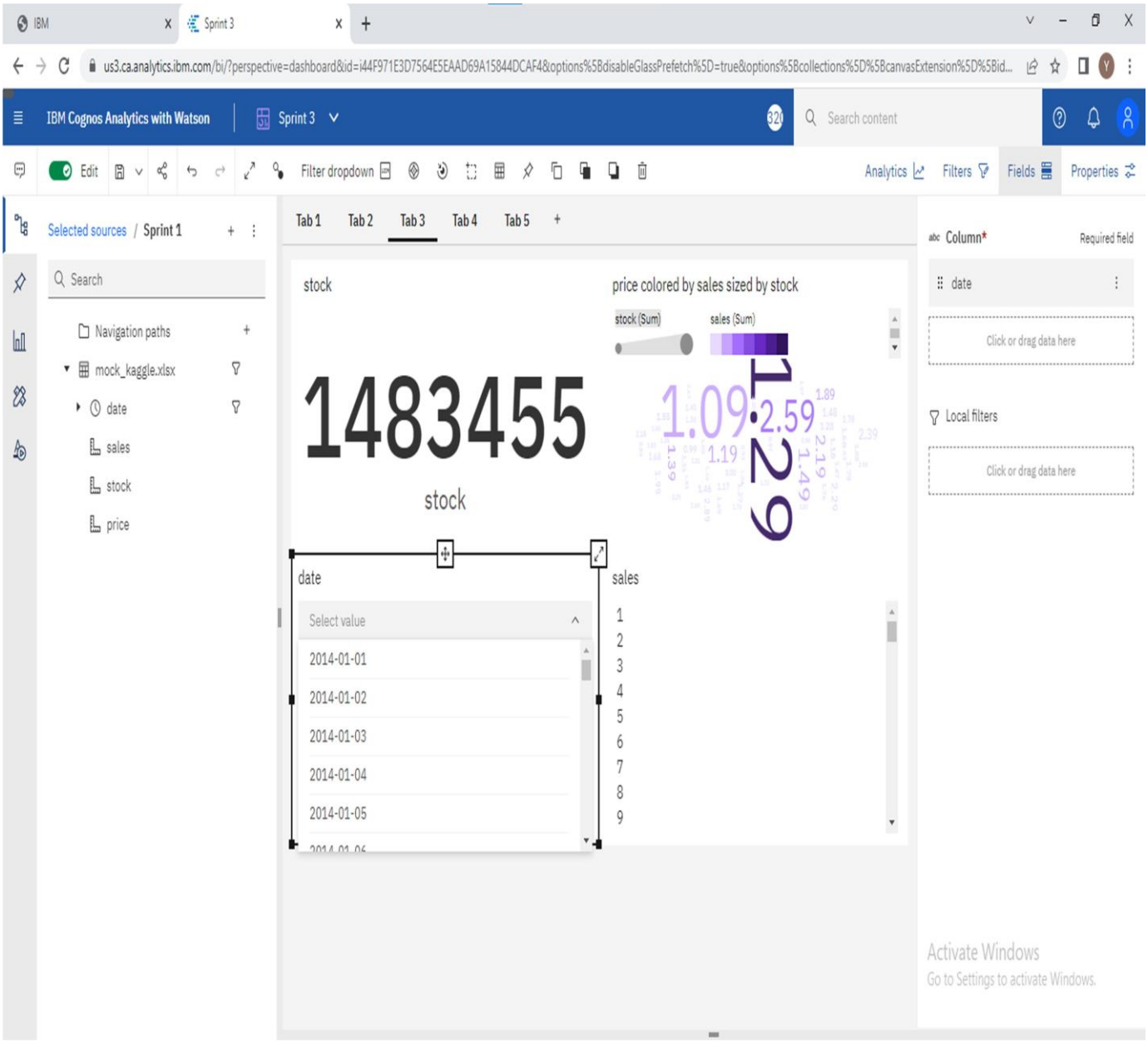
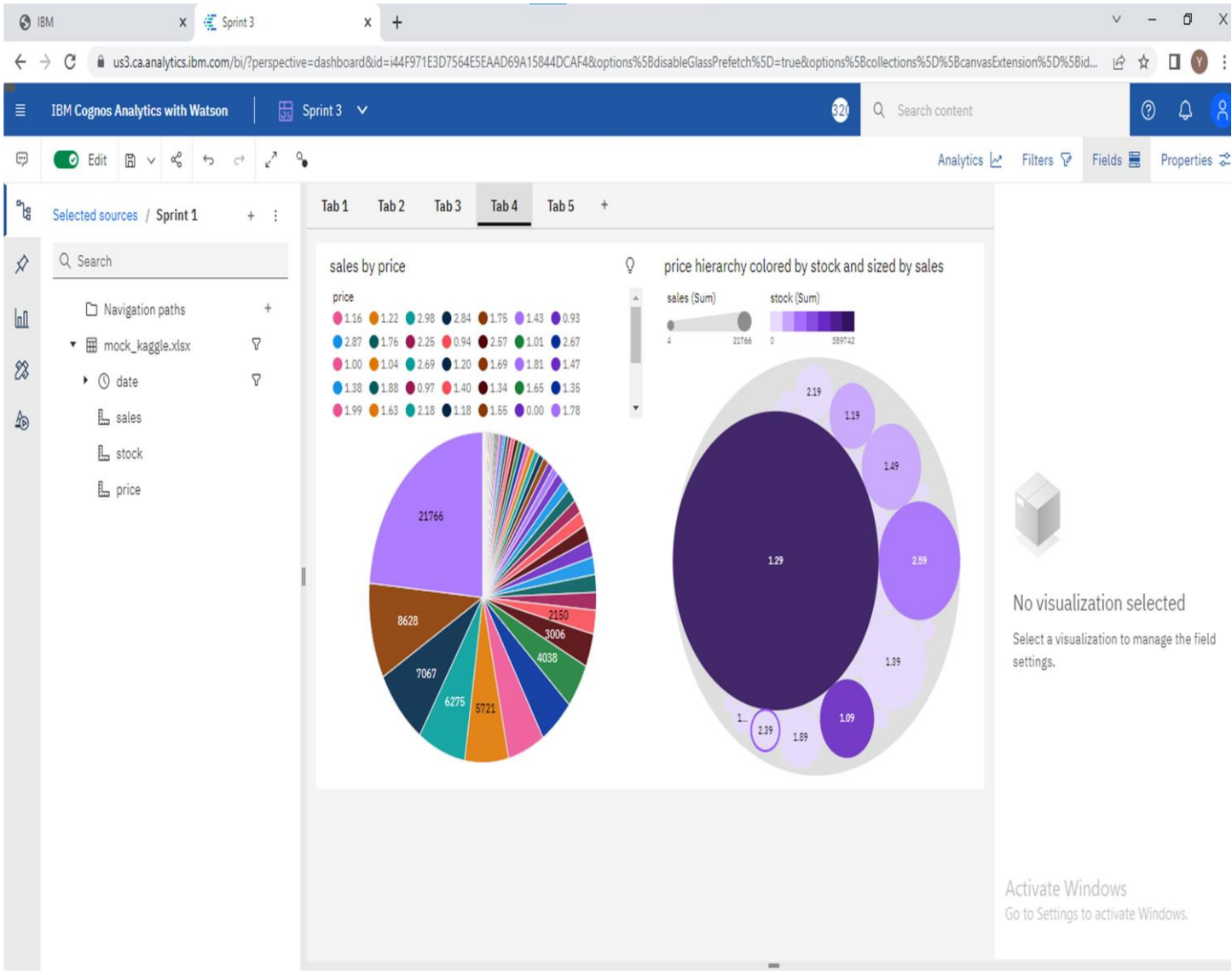
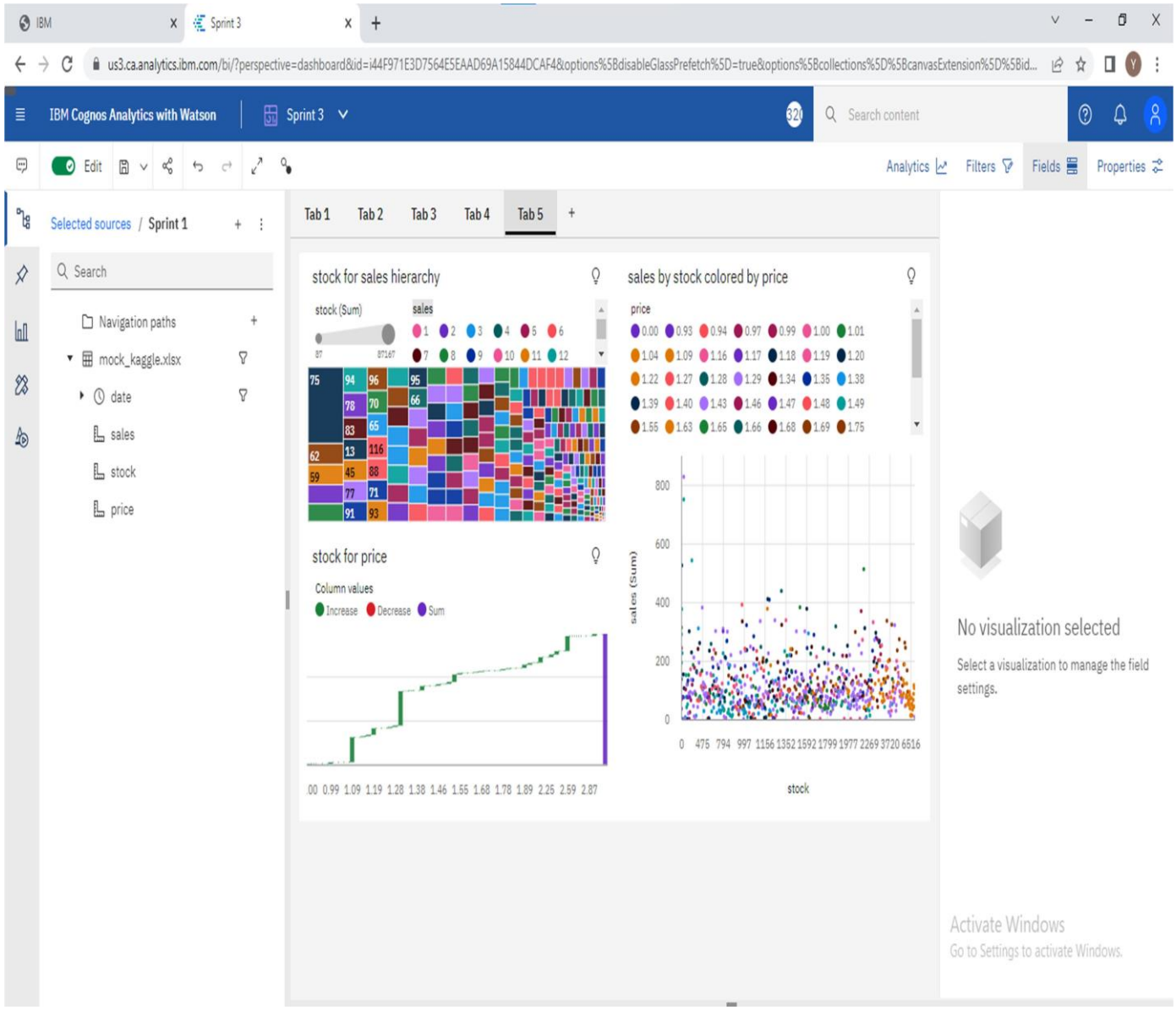

IBM
Sprint 3
us3.ca.analytics.ibm.com/bi/?perspective=dashboard&id=i44F971E3D7564E5EAAD69A15844DCAF4&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExtension%5D%5Bid...
IBM Cognos Analytics with Watson
Sprint 3
320
Search content
Edit
Filter dropdown
Analytics
Filters
Fields
Properties
Selected sources / Sprint 1
Search
Navigation paths
mock_kaggle.xlsx
date
sales
stock
price
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
stock
1483455
stock
price colored by sales sized by stock
stock (Sum)
sales (Sum)
date
Select value
2014-01-01
2014-01-02
2014-01-03
2014-01-04
2014-01-05
sales
1
2
3
4
5
6
7
8
9
Column*
Required field
date
Click or drag data here
Local filters
Click or drag data here
Activate Windows
Go to Settings to activate Windows.


IBM
Sprint 3
us3.ca.analytics.ibm.com/bi/?perspective=dashboard&id=i44F971E3D7564E5EAAD69A15844DCAF4&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExtension%5D%5Bid...
IBM Cognos Analytics with Watson
Sprint 3
320
Search content
Edit
Analytics
Filters
Fields
Properties
Selected sources / Sprint 1
Search
Navigation paths
mock_kaggle.xlsx
date
sales
stock
price
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
sales by price
price
1.16 1.22 2.98 2.84 1.75 1.43 0.93
2.87 1.76 2.25 0.94 2.57 1.01 2.67
1.00 1.04 2.69 1.20 1.69 1.81 1.47
1.38 1.88 0.97 1.40 1.34 1.65 1.35
1.99 1.63 2.18 1.18 1.55 0.00 1.78
21766
8628
7067
6275
5721
4038
3006
2150
price hierarchy colored by stock and sized by sales
sales (Sum)
stock (Sum)
4
21766
0
589742
2.19
1.19
1.49
2.59
1.29
1.39
1.09
1.89
2.39
No visualization selected
Select a visualization to manage the field settings.
Activate Windows
Go to Settings to activate Windows.


IBM
Sprint 3
us3.ca.analytics.ibm.com/bi/?perspective=dashboard&id=i44F971E3D7564E5EAAD69A15844DCAF4&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExtension%5D%5Bid...
IBM Cognos Analytics with Watson
Sprint 3
320
Search content
Edit
Analytics
Filters
Fields
Properties
Selected sources / Sprint 1
Search
Navigation paths
mock_kaggle.xlsx
date
sales
stock
price
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
stock for sales hierarchy
stock (Sum)
sales
sales by stock colored by price
price
stock for price
Column values
Increase
Decrease
Sum
sales (Sum)
stock
No visualization selected
Select a visualization to manage the field settings.
Activate Windows
Go to Settings to activate Windows.