Project Development Phase

Delivery of Sprint-3

Date	19 November 2022
Team ID	PNT2022TMID01375
Project Name	Retail Store Stock Inventory Analytics

Project Development Phase:

Sprint-1:

- Data Collection
- Data Preparation

Sprint-2:

- Data Exploration

Sprint-3:

- Dashboard Creation and embedding with webpage

Sprint-4:

- Report Creation
- Story Creation

Retail Store Stock Inventory Analytics

Team Id: PNT2022TMID01375

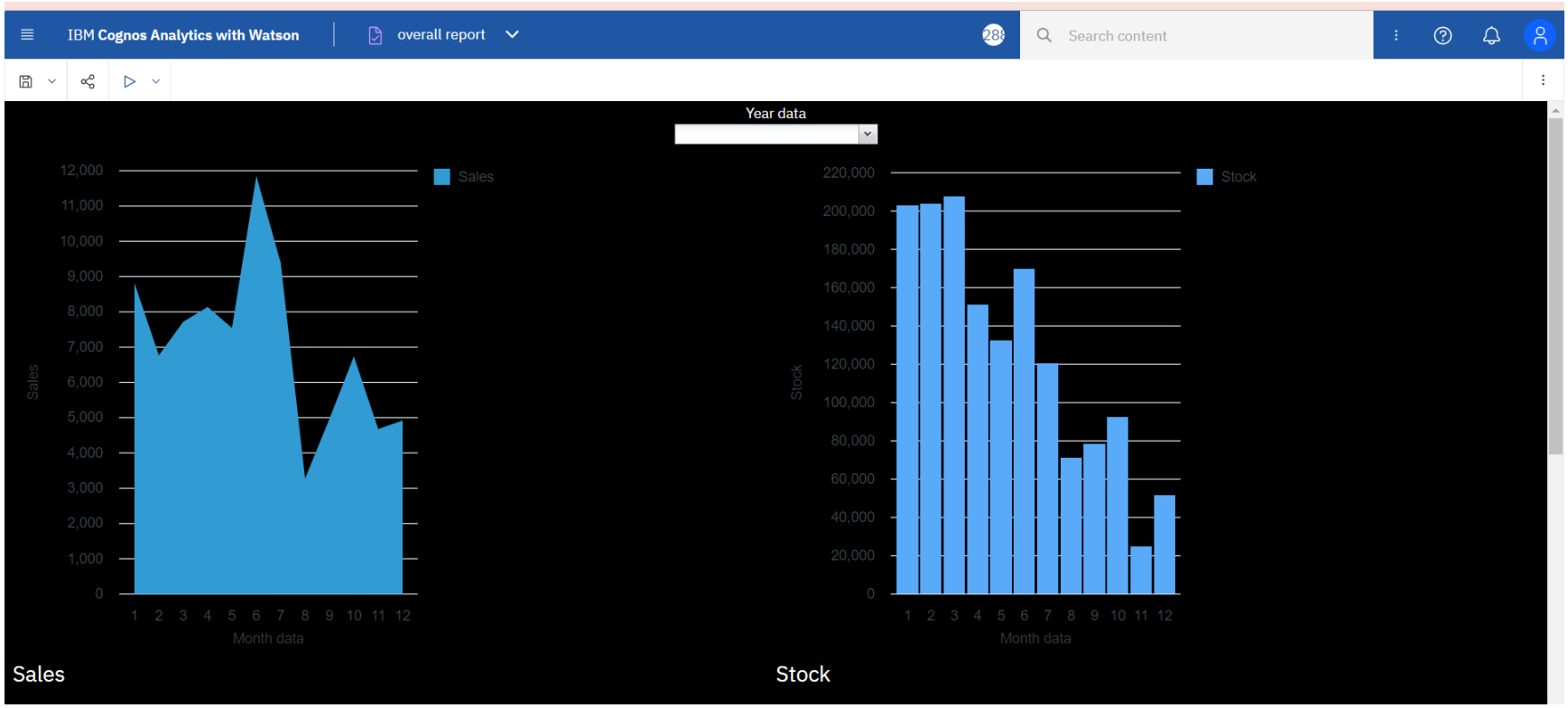
Sai Pavithra A

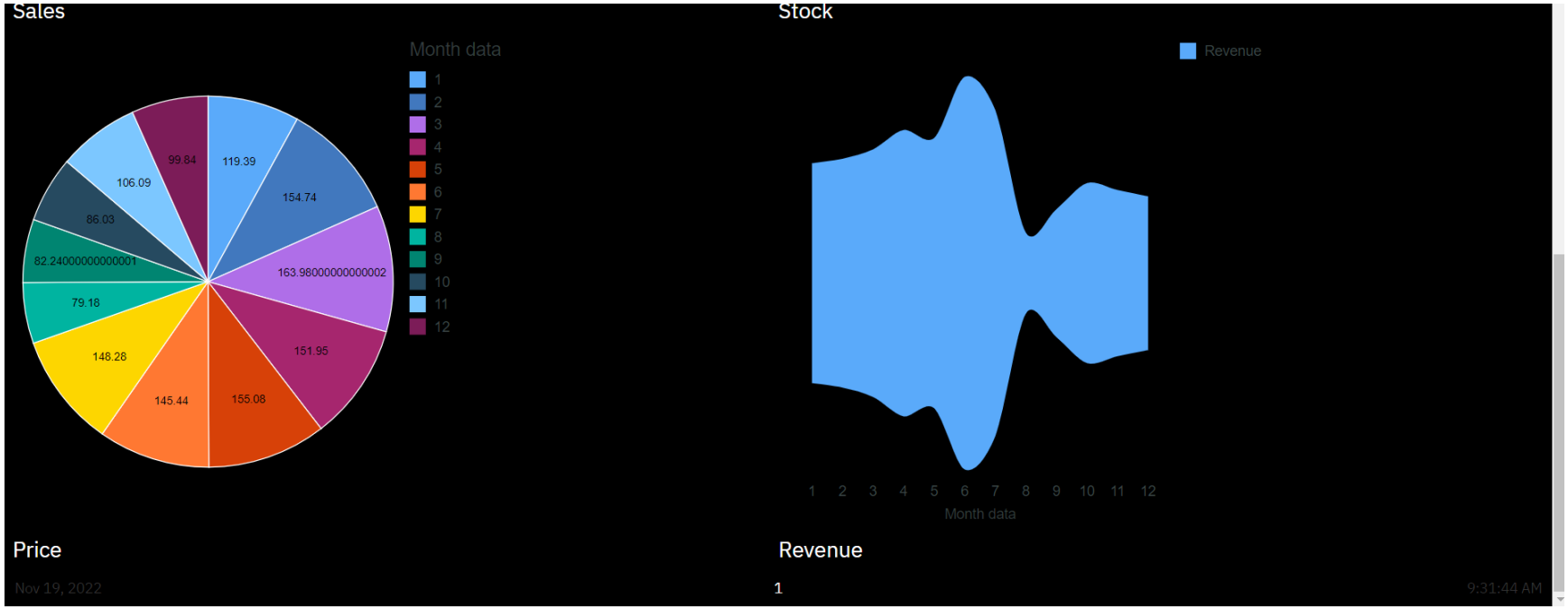
Swetha S

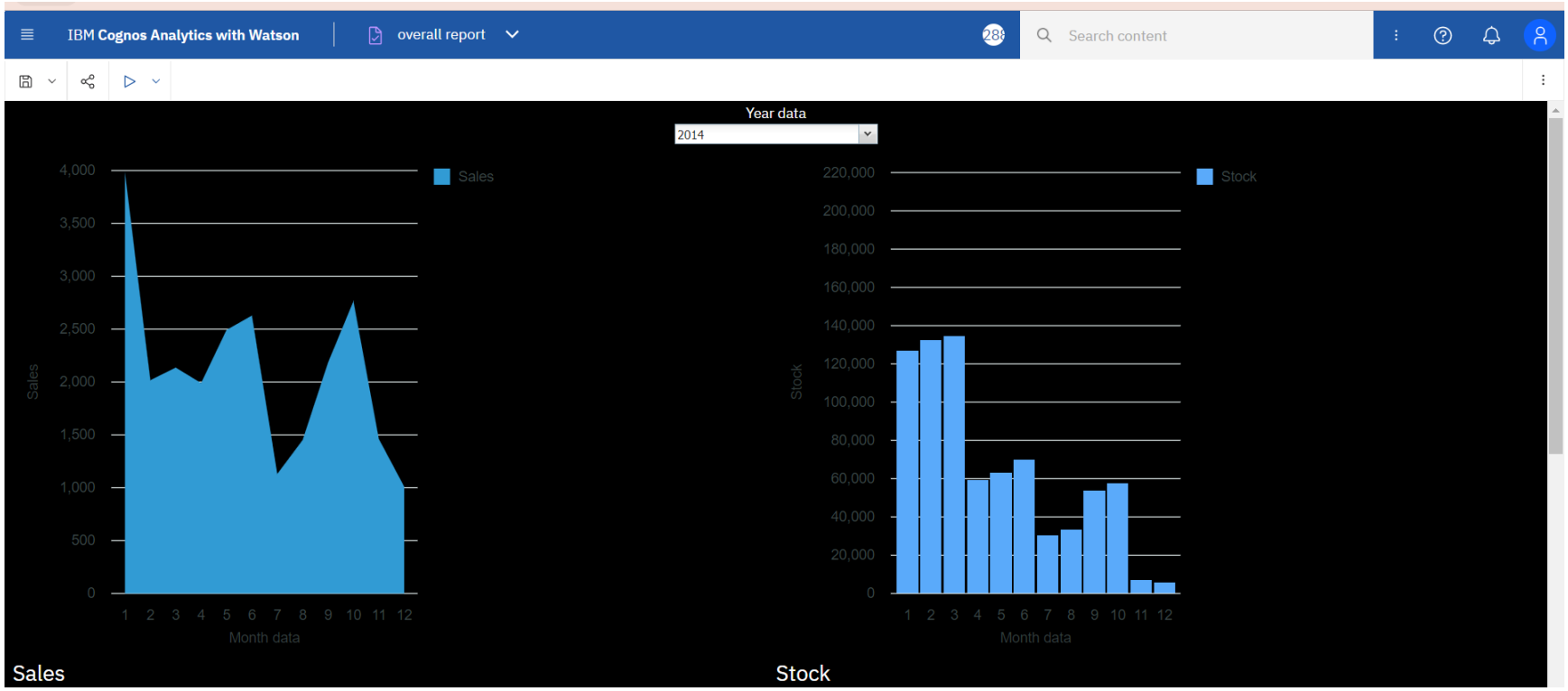
Sowmiya L

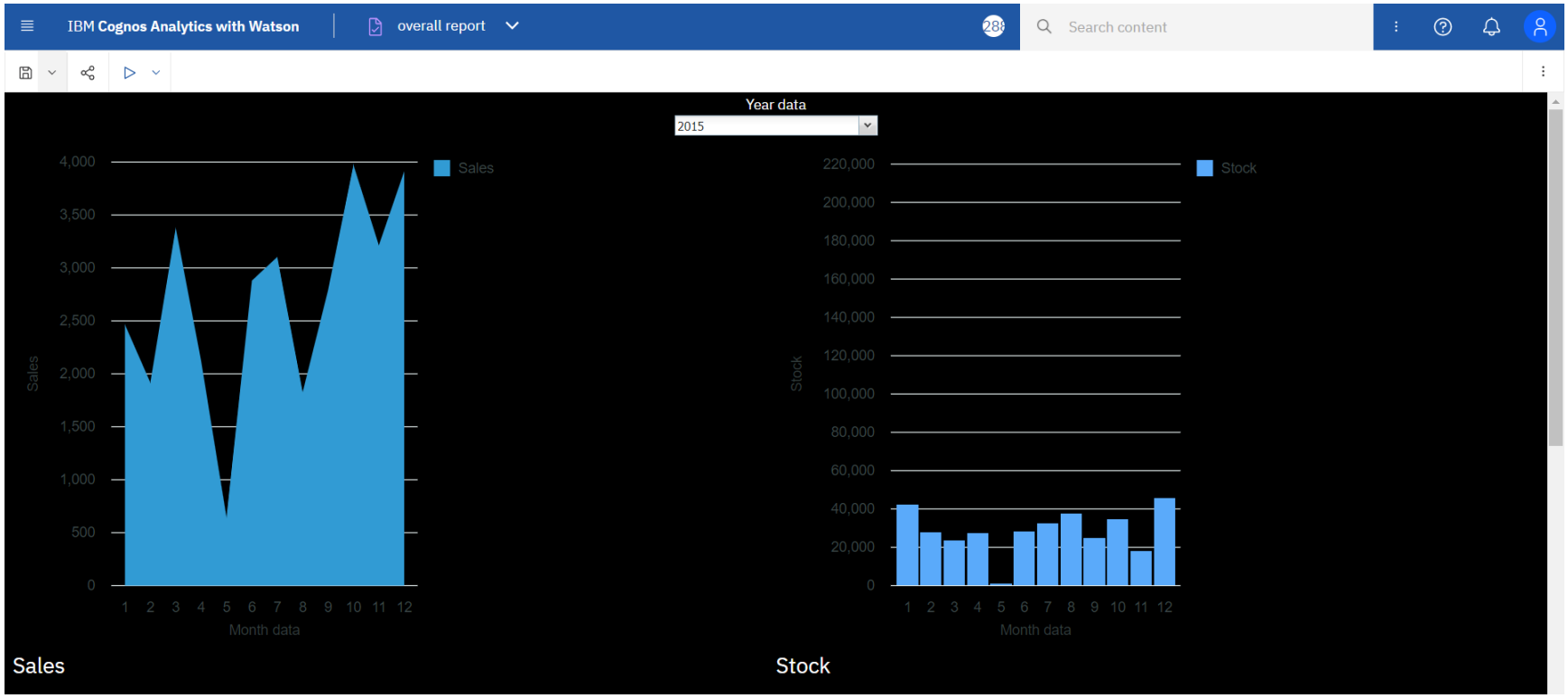
Srinithi T

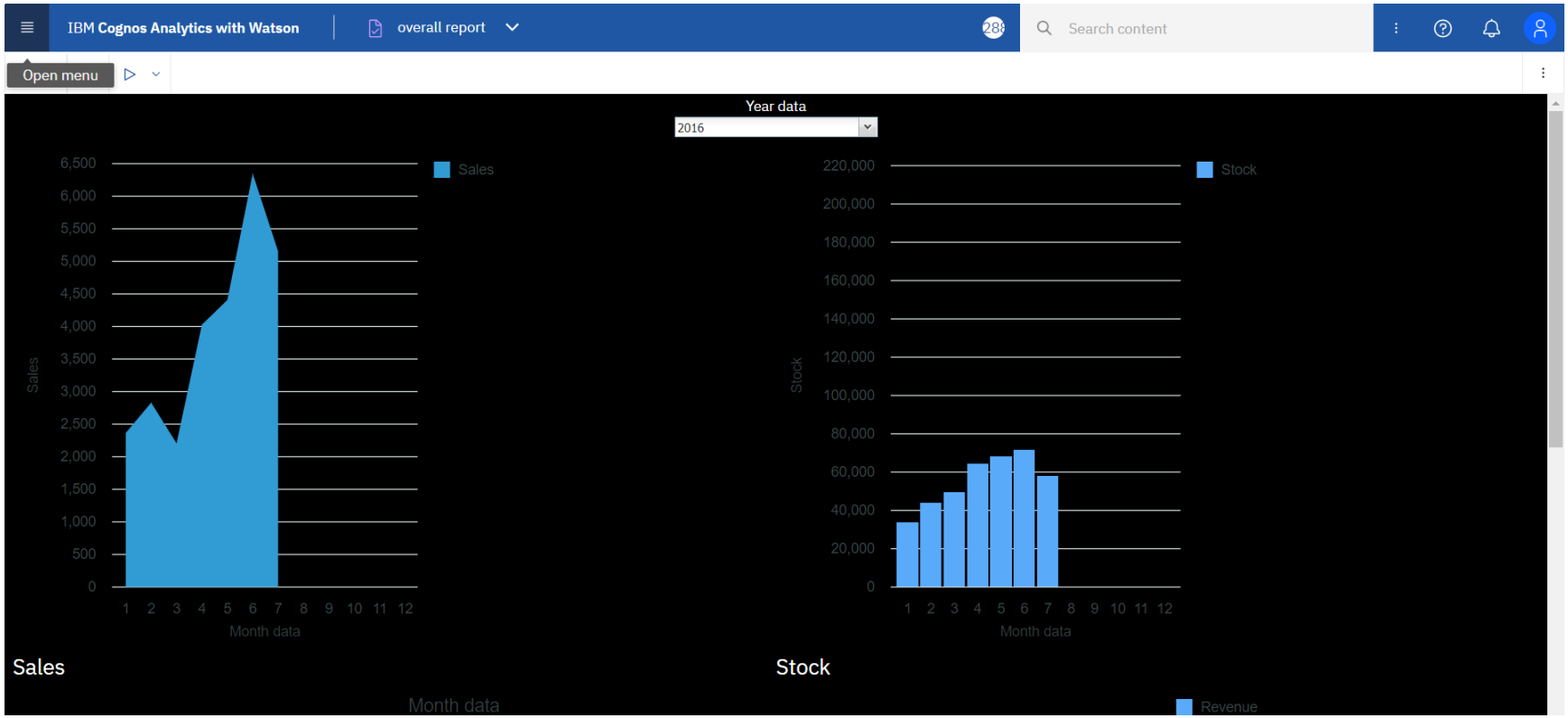
Overall Report:



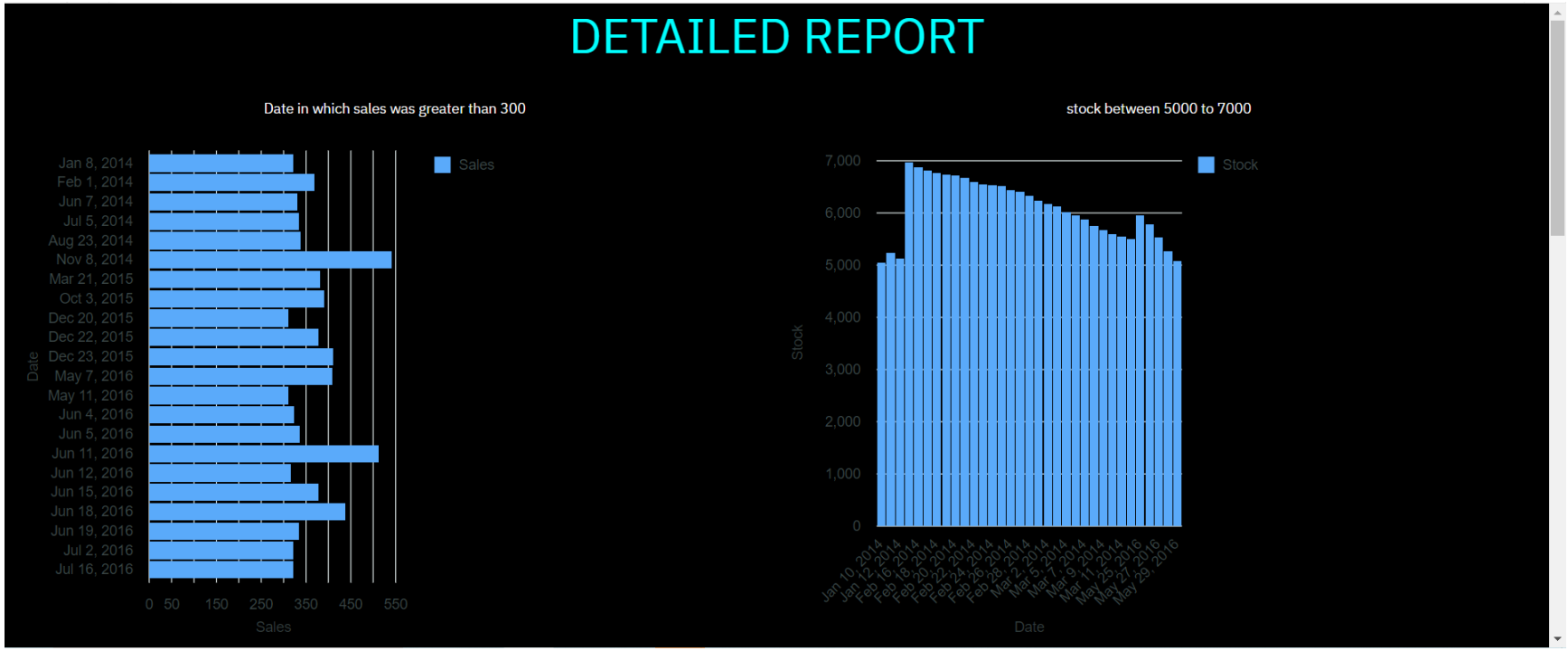

Sales
Month data
1
2
3
4
5
6
7
8
9
10
11
12
119.39
154.74
163.98000000000002
151.95
155.08
145.44
148.28
79.18
82.24000000000001
86.03
106.09
99.84
Stock
Revenue
1 2 3 4 5 6 7 8 9 10 11 12
Month data
Price
Revenue
Nov 19, 2022
1
9:31:44 AM

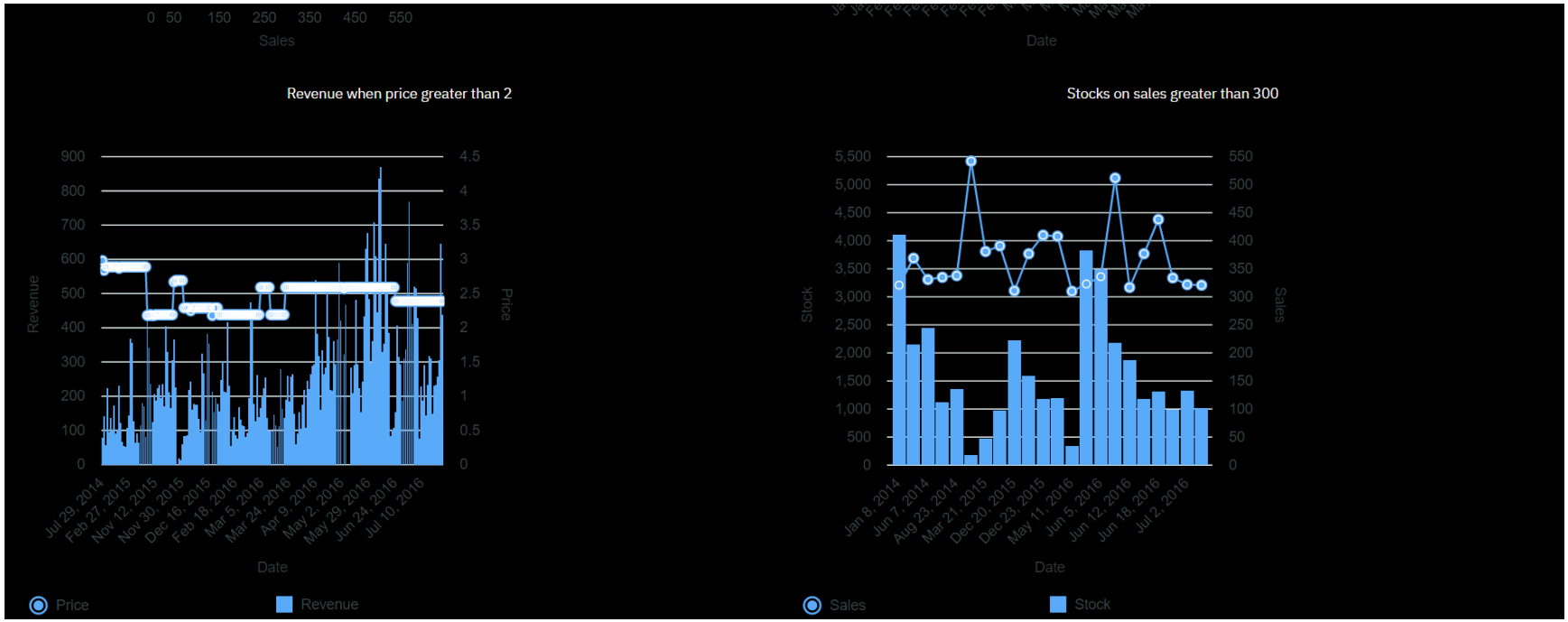

IBM Cognos Analytics with Watson
overall report
Search content
Year data
2014
Sales
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
1 2 3 4 5 6 7 8 9 10 11 12
Month data
Sales
Stock
220,000
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
1 2 3 4 5 6 7 8 9 10 11 12
Month data
Stock

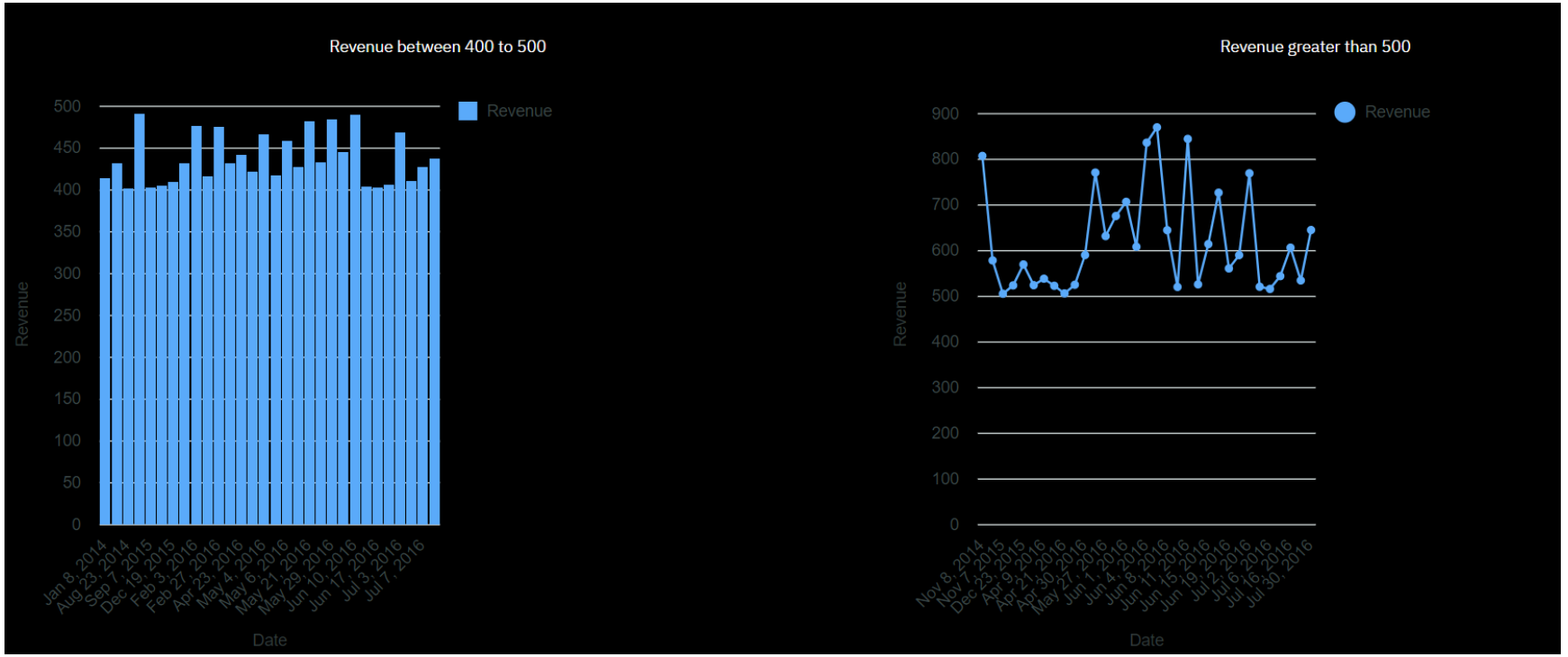

IBM Cognos Analytics with Watson
overall report
Search content
Year data
2015
Sales
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
1 2 3 4 5 6 7 8 9 10 11 12
Month data
Sales
Stock
220,000
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
1 2 3 4 5 6 7 8 9 10 11 12
Month data
Stock


IBM Cognos Analytics with Watson
overall report
Search content
Open menu
Year data
2016
Sales
Month data
Stock
Month data
Revenue

Detailed Report:



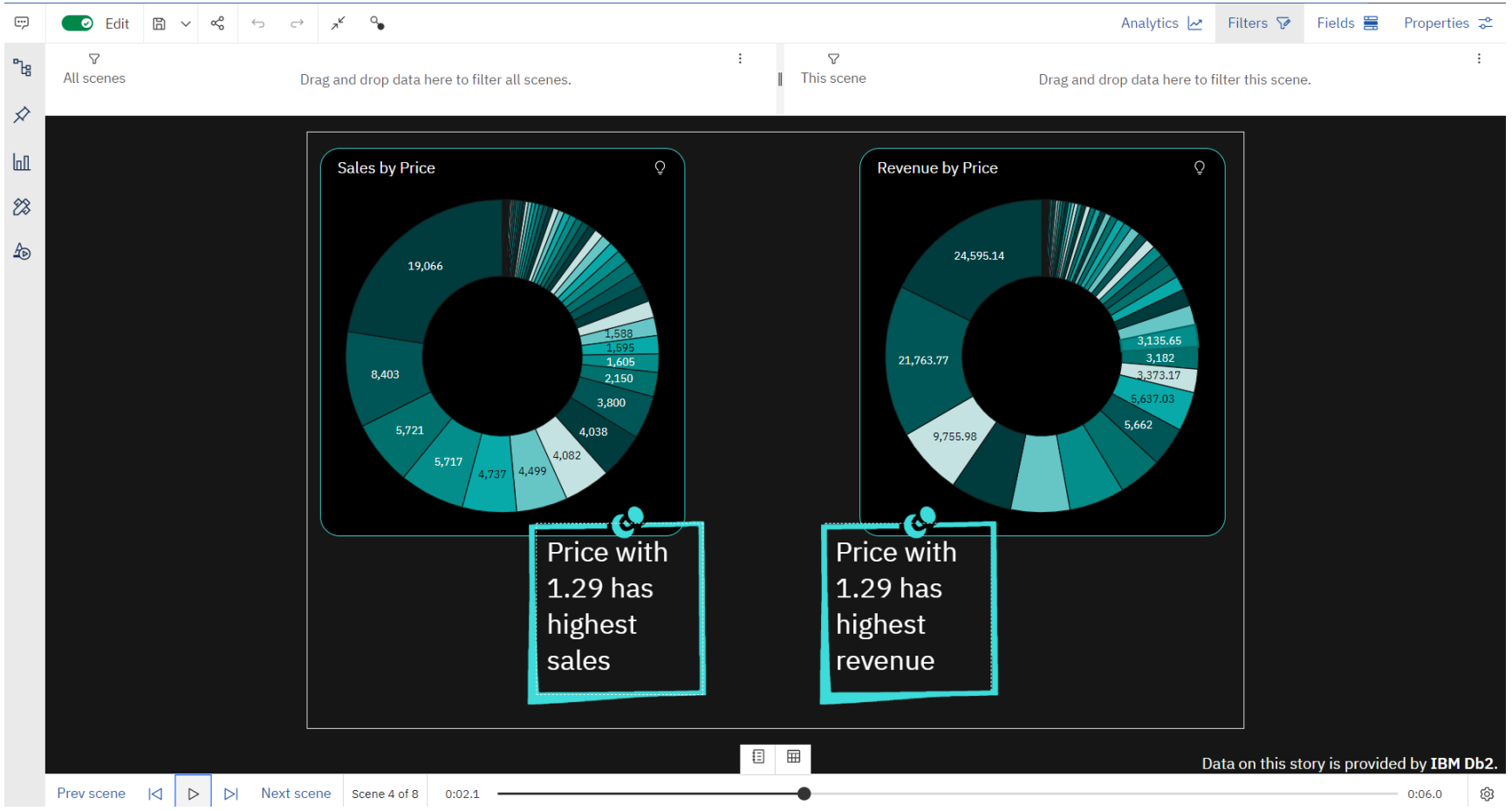

0 50 150 250 350 450 550
Sales
Revenue when price greater than 2
900
800
700
600
500
400
300
200
100
0
Revenue
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Price
Jul 29, 2014
Feb 27, 2015
Nov 12, 2015
Nov 30, 2015
Dec 16, 2015
Feb 18, 2016
Mar 5, 2016
Mar 24, 2016
Apr 9, 2016
May 2, 2016
May 29, 2016
Jun 24, 2016
Jul 10, 2016
Date
Price
Revenue
Date
Stocks on sales greater than 300
5,500
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Stock
550
500
450
400
350
300
250
200
150
100
50
0
Sales
Jan 8, 2014
Jun 7, 2014
Aug 23, 2014
Mar 21, 2015
Dec 20, 2015
Dec 23, 2015
May 11, 2016
Jun 5, 2016
Jun 12, 2016
Jun 18, 2016
Jul 2, 2016
Date
Sales
Stock

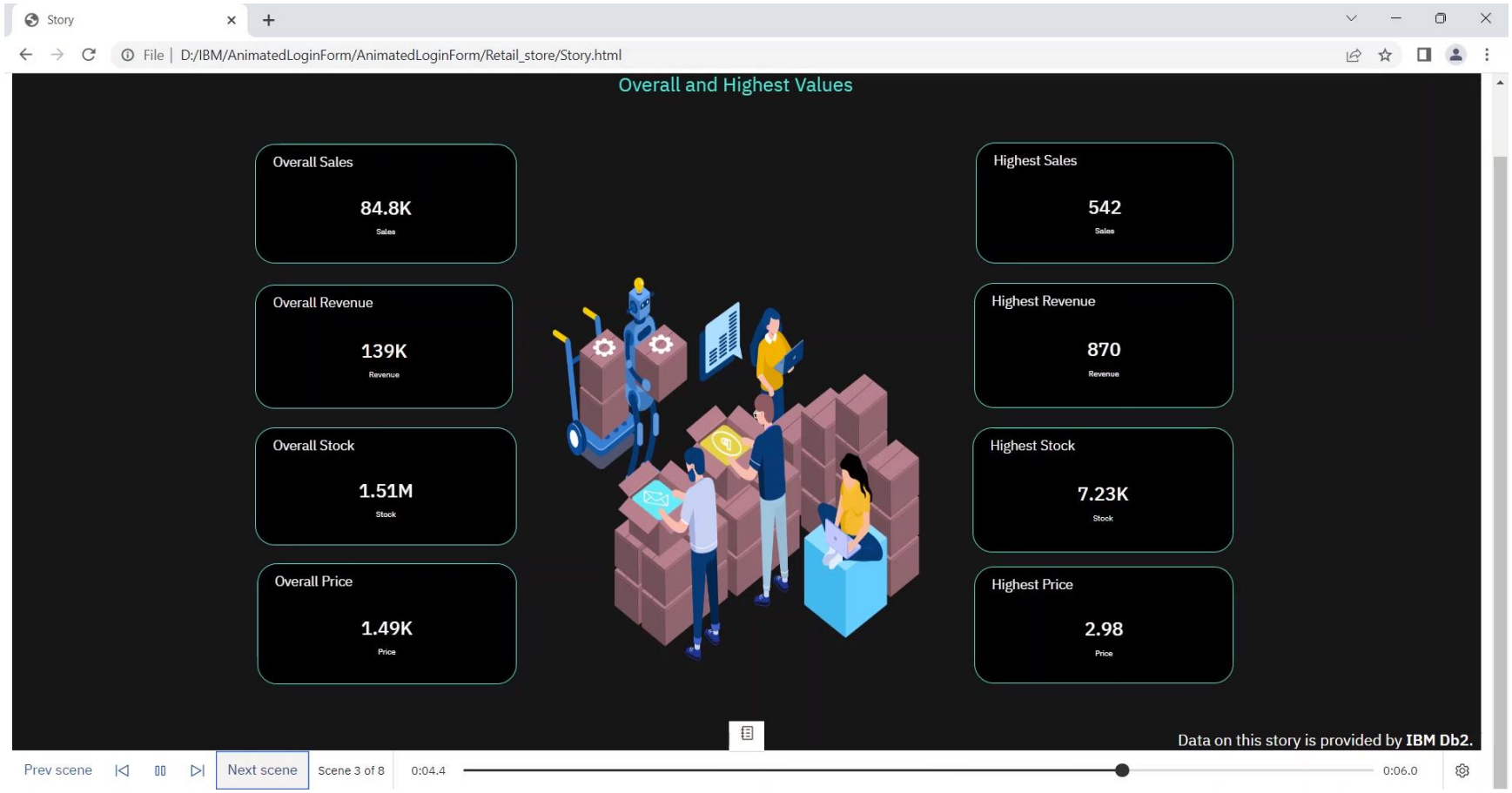

Revenue between 400 to 500
Revenue
500
450
400
350
300
250
200
150
100
50
0
Revenue
Jan 8, 2014
Aug 23, 2014
Sep 7, 2015
Dec 19, 2015
Feb 3, 2016
Feb 27, 2016
Apr 23, 2016
May 4, 2016
May 6, 2016
May 21, 2016
May 29, 2016
Jun 10, 2016
Jun 17, 2016
Jul 3, 2016
Jul 7, 2016
Date
Revenue greater than 500
Revenue
900
800
700
600
500
400
300
200
100
0
Revenue
Nov 8, 2014
Nov 7, 2015
Dec 23, 2015
Apr 9, 2016
Apr 21, 2016
Apr 30, 2016
May 27, 2016
Jun 1, 2016
Jun 4, 2016
Jun 8, 2016
Jun 11, 2016
Jun 15, 2016
Jun 19, 2016
Jul 2, 2016
Jul 6, 2016
Jul 16, 2016
Jul 30, 2016
Date

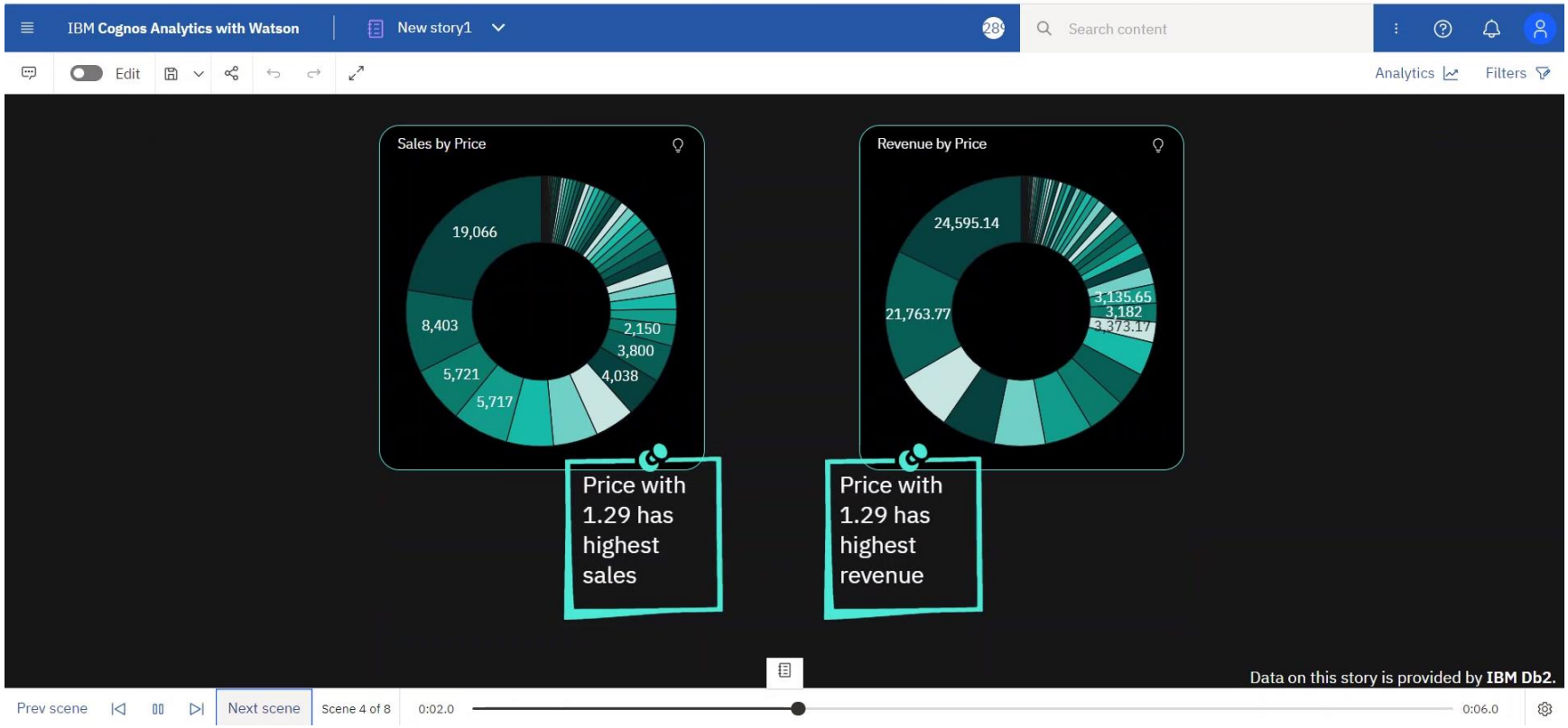
Story:

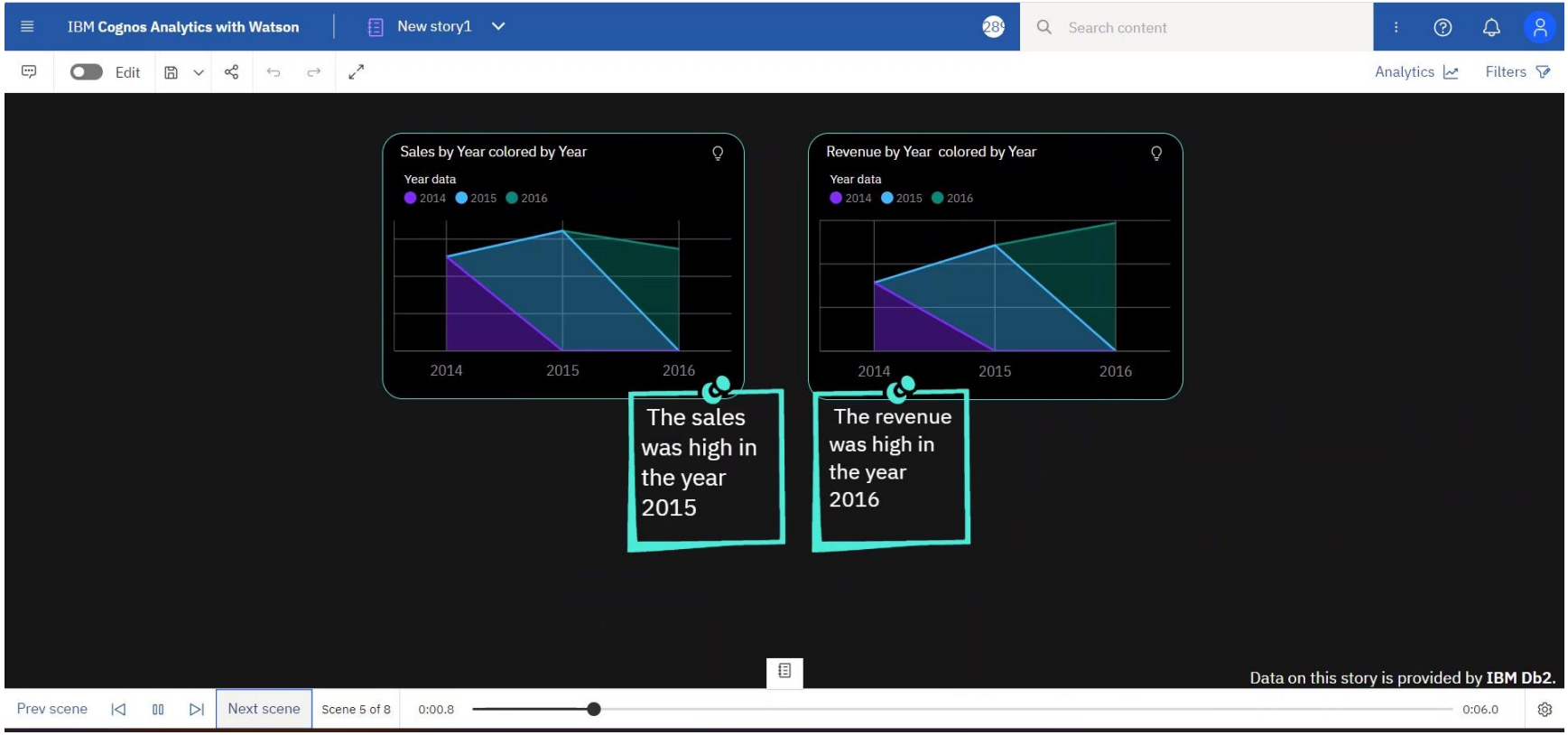
Story
File | D:/IBM/AnimatedLoginForm/AnimatedLoginForm/Retail_store/Story.html
RETAIL STORE STOCK INVENTORY ANALYTICS
Data on this story is provided by IBM Db2.
Prev scene
Next scene
Scene 1 of 8
0:01.8
0:03.1

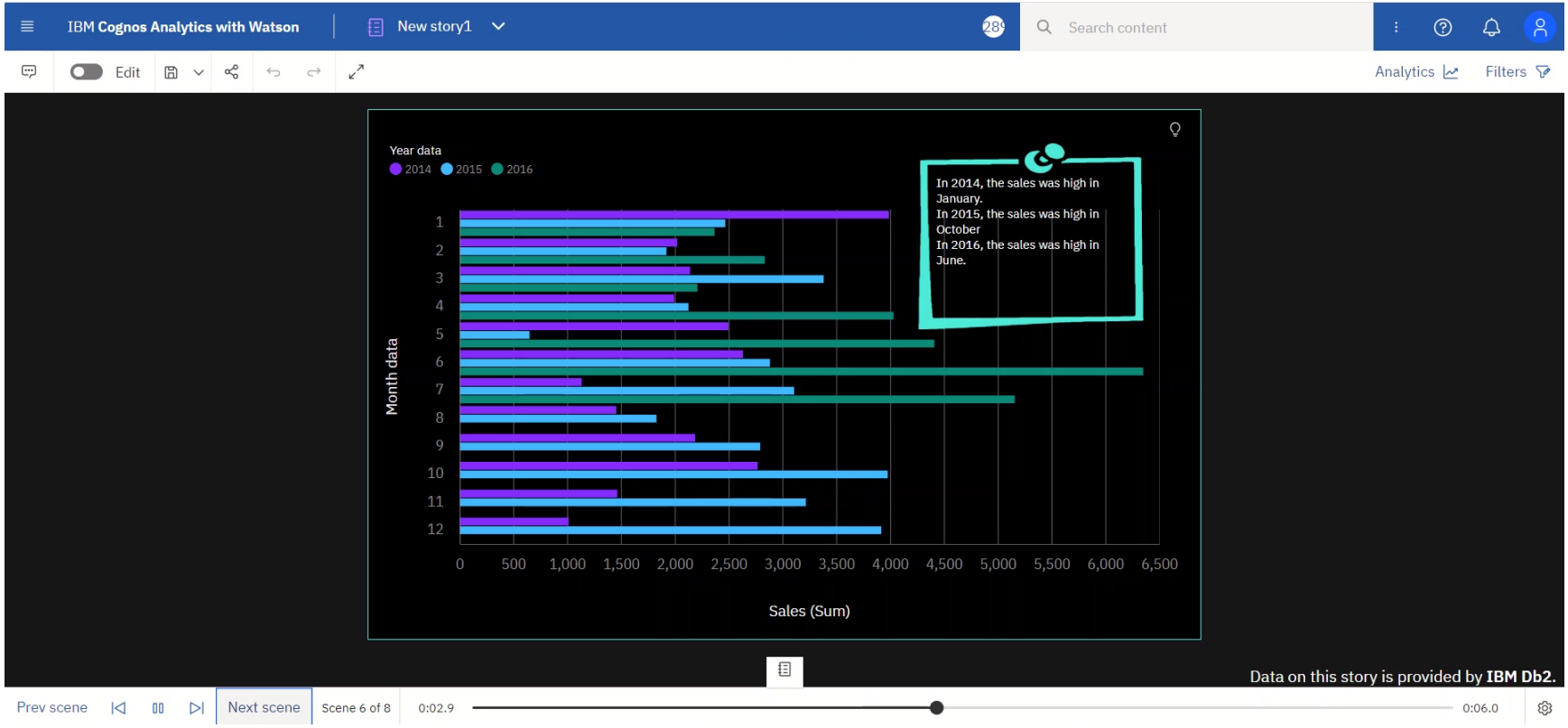
Story
File | D:/IBM/AnimatedLoginForm/AnimatedLoginForm/Retail_store/Story.html
RETAIL STORE STOCK INVENTORY ANALYTICS
Which product price has highest revenue?
Storing huge inventory will cause loss?
Which price has highest sales?
How to increase sales?
which product has high profit?
How to reduce loss?
predict the next year sales?
Data on this story is provided by IBM Db2.
Prev scene
Next scene
Scene 2 of 8
0:03.4
0:06.1


Edit
Analytics
Filters
Fields
Properties
All scenes
Drag and drop data here to filter all scenes.
This scene
Drag and drop data here to filter this scene.
Sales by Price
19,066
8,403
5,721
5,717
4,737
4,499
4,082
4,038
3,800
2,150
1,605
1,595
1,588
Price with 1.29 has highest sales
Revenue by Price
24,595.14
21,763.77
9,755.98
5,662
5,637.03
3,373.17
3,182
3,135.65
Price with 1.29 has highest revenue
Data on this story is provided by IBM Db2.
Prev scene
Next scene
Scene 4 of 8
0:02.1
0:06.0


Story
File | D:/IBM/AnimatedLoginForm/AnimatedLoginForm/Retail_store/Story.html
Overall and Highest Values
Overall Sales
84.8K
Sales
Overall Revenue
139K
Revenue
Overall Stock
1.51M
Stock
Overall Price
1.49K
Price
Highest Sales
542
Sales
Highest Revenue
870
Revenue
Highest Stock
7.23K
Stock
Highest Price
2.98
Price
Data on this story is provided by IBM Db2.
Prev scene
Next scene
Scene 3 of 8
0:04.4
0:06.0


IBM Cognos Analytics with Watson
New story1
Search content
Edit
Analytics
Filters
Sales by Price
19,066
8,403
5,721
5,717
4,038
3,800
2,150
Price with 1.29 has highest sales
Revenue by Price
24,595.14
21,763.77
3,135.65
3,182
3,373.17
Price with 1.29 has highest revenue
Data on this story is provided by IBM Db2.
Prev scene
Next scene
Scene 4 of 8
0:02.0
0:06.0


IBM Cognos Analytics with Watson
New story1
Search content
Edit
Analytics
Filters
Sales by Year colored by Year
Year data
2014
2015
2016
2014
2015
2016
Revenue by Year colored by Year
Year data
2014
2015
2016
2014
2015
2016
The sales was high in the year 2015
The revenue was high in the year 2016
Data on this story is provided by IBM Db2.
Prev scene
Next scene
Scene 5 of 8
0:00.8
0:06.0


IBM Cognos Analytics with Watson
New story1
Search content
Edit
Analytics
Filters
Year data
2014
2015
2016
In 2014, the sales was high in January.
In 2015, the sales was high in October
In 2016, the sales was high in June.
Month data
1
2
3
4
5
6
7
8
9
10
11
12
0
500
1,000
1,500
2,000
2,500
3,000
3,500
4,000
4,500
5,000
5,500
6,000
6,500
Sales (Sum)
Data on this story is provided by IBM Db2.
Prev scene
Next scene
Scene 6 of 8
0:02.9
0:06.0

IBM Cognos Analytics with Watson
New story1
Search content
Edit
Analytics
Filters
Year data
2014
2015
2016
Month data
1
2
3
4
5
6
7
8
9
10
11
12
0
10,000
20,000
30,000
40,000
50,000
60,000
70,000
80,000
90,000
100,000
120,000
140,000
Stock (Sum)
In 2014, the stock was high in March.
In 2015, the stock was high in December
In 2016, the stock was high in June.
Data on this story is provided by IBM Db2.
Prev scene
Next scene
Scene 7 of 8
0:02.9
0:05.0

Maintenance: The upgrade is now complete. Click on More Info to see what actions may be necessary and to subscribe to future events
Dismiss
More info
Edit
Press Esc to exit full screen
Analytics
Filters
Fields
Properties
All scenes
Drag and drop data here to filter all scenes.
This scene
Drag and drop data here to filter this scene.
Year data
2014
2015
2016
In 2014, the Revenue was high in January.
In 2015, the Revenue was high in December
In 2016, the Revenue was high in June.
Month data
1
2
3
4
5
6
7
8
9
10
11
12
0
1,000
2,000
3,000
4,000
5,000
6,000
7,000
8,000
9,000
10,000
11,000
12,000
13,000
14,000
Revenue (Sum)
Data on this story is provided by IBM Db2.
Prev scene
Next scene
Scene 8 of 8
0:03.0
0:05.0