

Project Development Phase Delivery of Sprint-1

Team ID	PNT2022TMID23905
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:

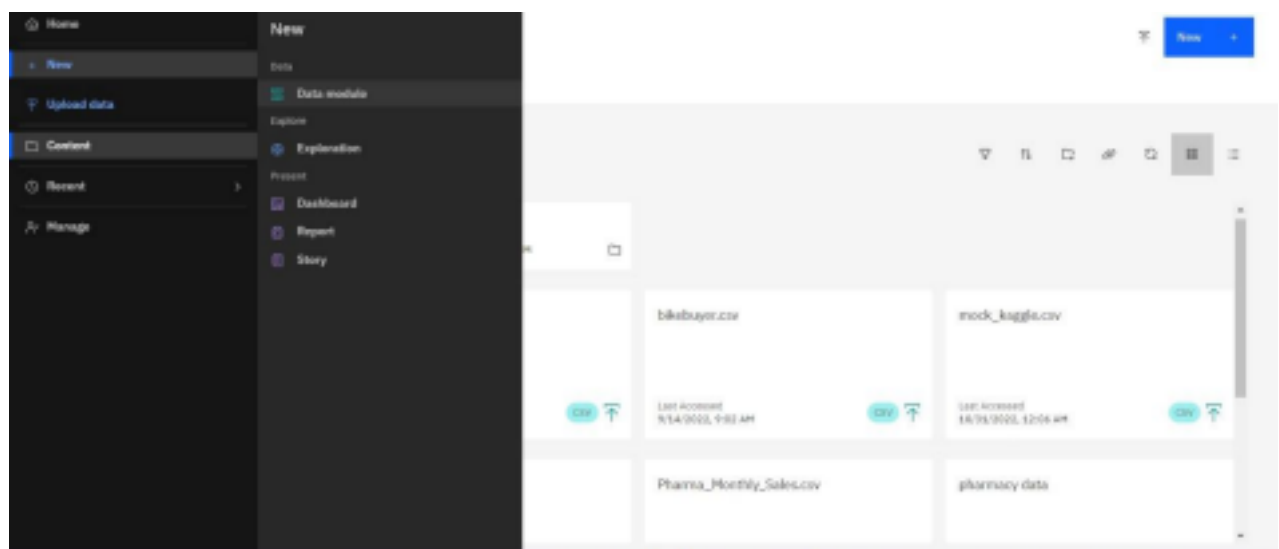
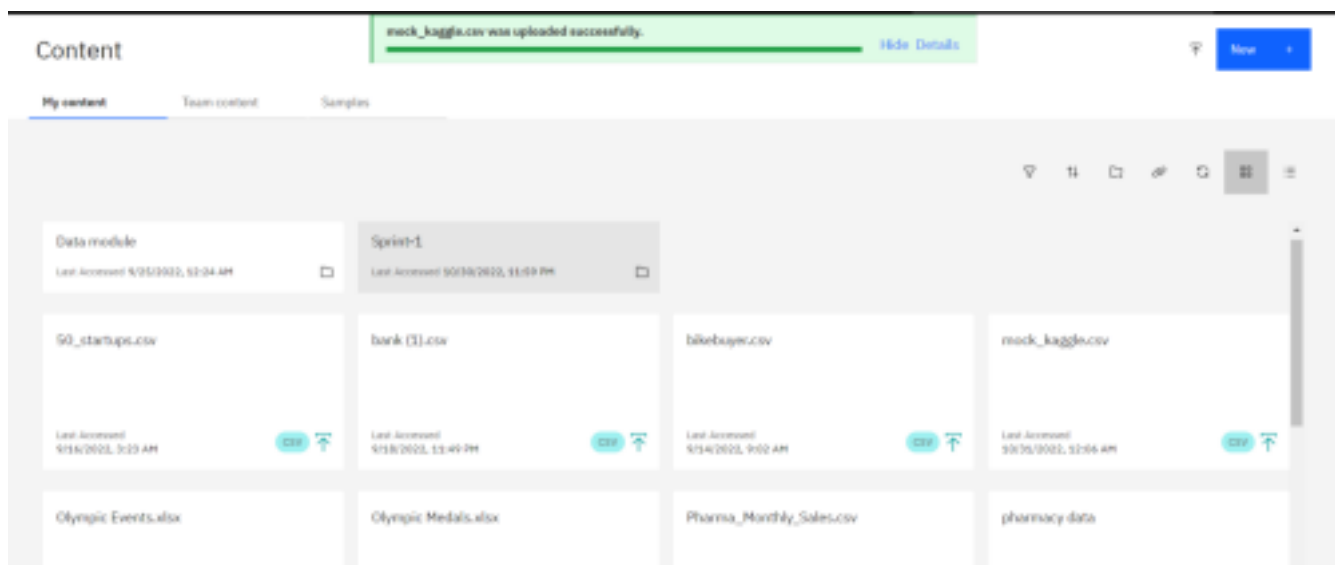
Download the Dataset

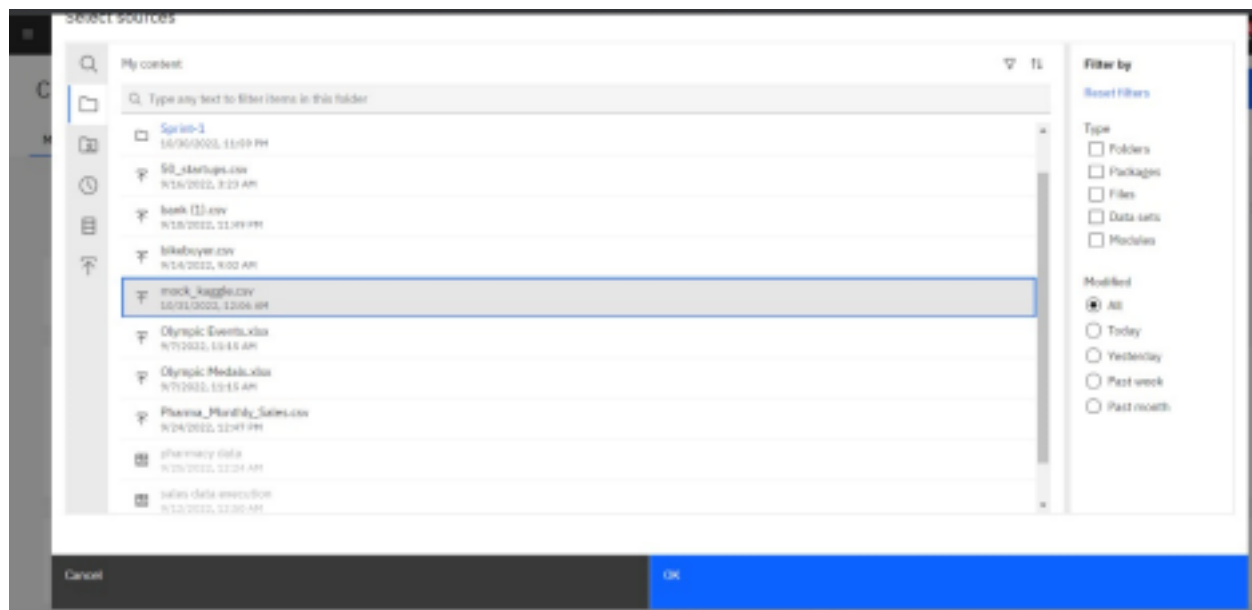
Dataset link - [https://drive.google.com/drive/folders/1kiL](https://drive.google.com/drive/folders/1kiL5CHJmQvbk9VyFsuUs-myAupBZGNy)

[5CHJmQvbk9VyFsuUs-myAupBZGNy](https://drive.google.com/drive/folders/1kiL5CHJmQvbk9VyFsuUs-myAupBZGNy)

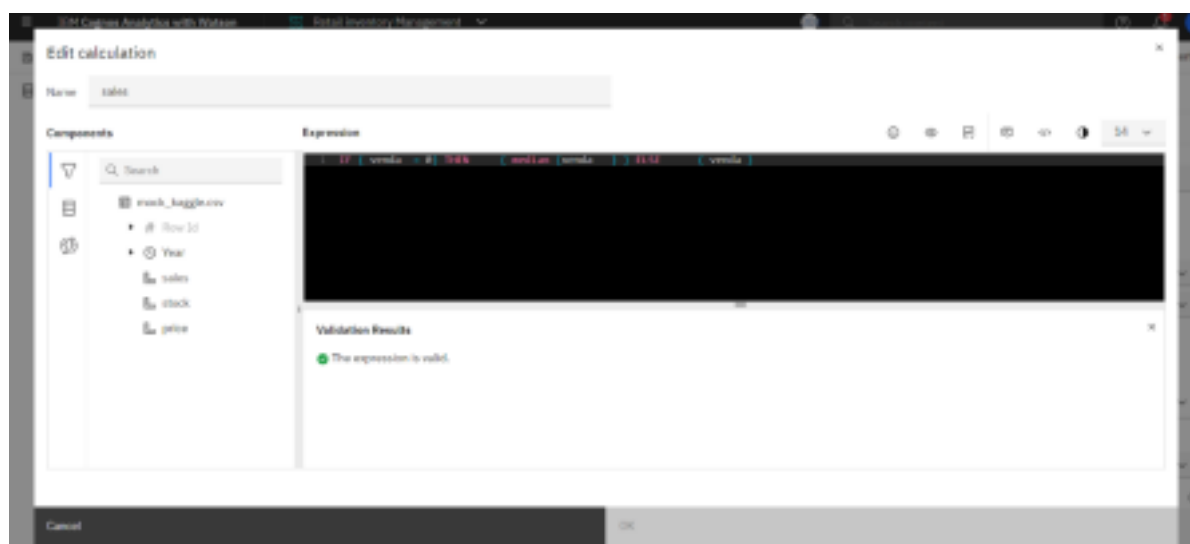
Load the Dataset:

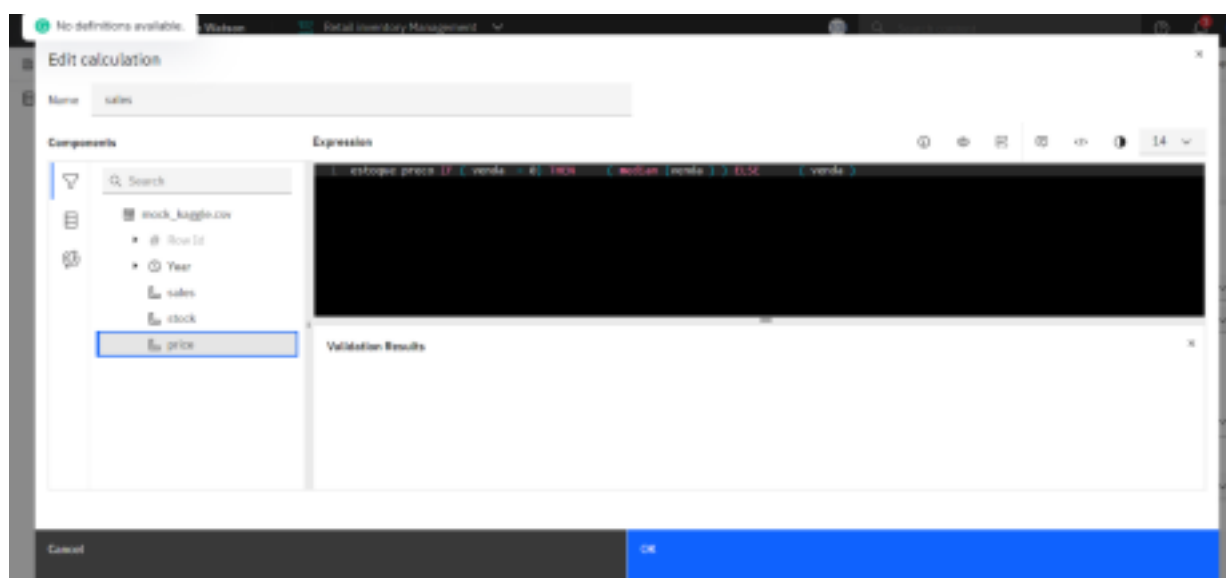
Tool used – IBM Cognos





Month data:



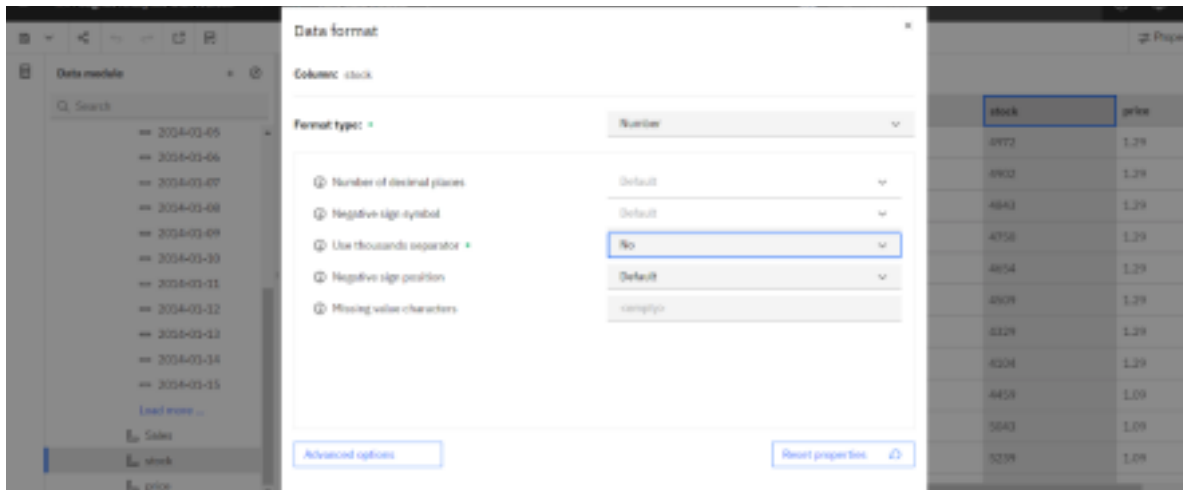


Data module		Table					Properties
Search		Relationships					
Retail Inventory Management		Custom tables					
Navigation paths							
stock_buggle.csv							
Row Id							
Year							
sales							
stock							
price							
TL	Row Id	Year	sales	stock	price		
	1	2014-01-01	76	4872	1.29		
	2	2014-01-02	78	4902	1.29		
	3	2014-01-03	58	4843	1.29		
	4	2014-01-04	91	4798	1.29		
	5	2014-01-05	96	4854	1.29		
	6	2014-01-06	145	4908	1.29		
	7	2014-01-07	179	4329	1.29		
	8	2014-01-08	321	4304	1.29		
	9	2014-01-09	125	4458	1.69		
	10	2014-01-10	88	5842	1.69		
	11	2014-01-11	180	5239	1.69		
	12	2014-01-12	121	5018	1.69		
	13	2014-01-13	134	4984	1.69		

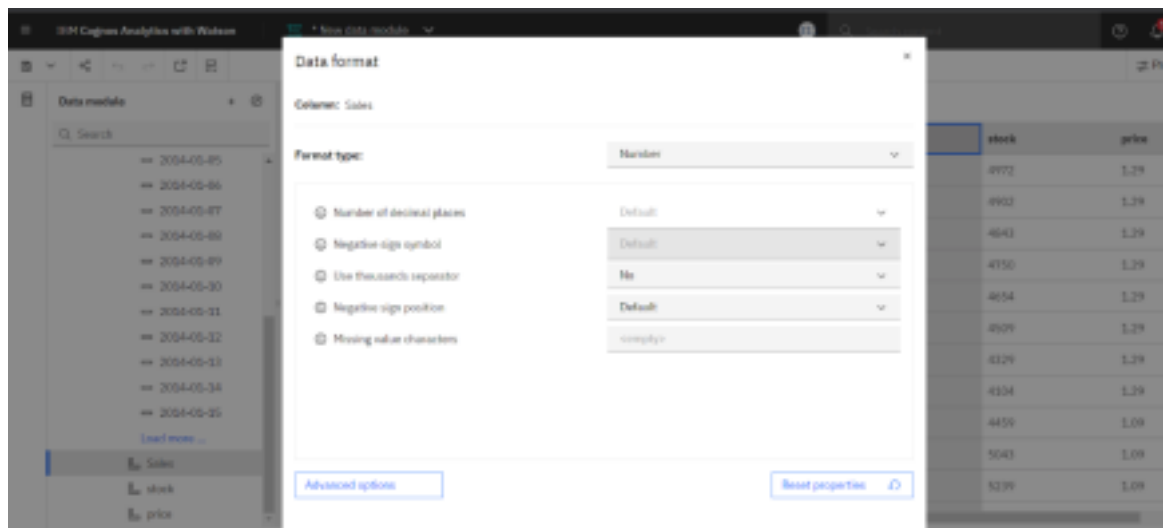
Data module						
<div> <div>Search</div> <div> Retail Inventory Management <div>Navigation paths</div> <div> stock_haggles.csv <div> Row Id Year sales stock price </div> </div> </div> </div>						
Row Id	Year	sales	stock	price		
1	2014-05-01	76	4972	1.29		
2	2014-05-02	78	4902	1.29		
3	2014-05-03	59	4843	1.29		
4	2014-05-04	93	4790	1.29		
5	2014-05-05	96	4654	1.29		
6	2014-05-06	145	4509	1.29		
7	2014-05-07	179	4329	1.29		
8	2014-05-08	321	4204	1.29		
9	2014-05-09	125	4459	1.09		
10	2014-05-10	88	5043	1.09		
11	2014-05-11	180	5239	1.09		
12	2014-05-12	121	5118	1.09		
13	2014-05-13	136	4984	1.09		

Data module						
<div> <div>Search</div> <div> Retail Inventory Management <div>Navigation paths</div> <div> stock_haggles.csv <div> Row Id Year sales stock price </div> </div> </div> </div>						
Row Id	Year	sales	stock	price		
1	2014-01-01	76	4972	1.29		
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3	2014-01-03	59	4843	1.29		
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8	2014-01-08	321	4204	1.29		
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10	2014-01-10	88	5043	1.09		
11	2014-01-11	180	5239	1.09		
12	2014-01-12	121	5118	1.09		
13	2014-01-13	136	4984	1.09		

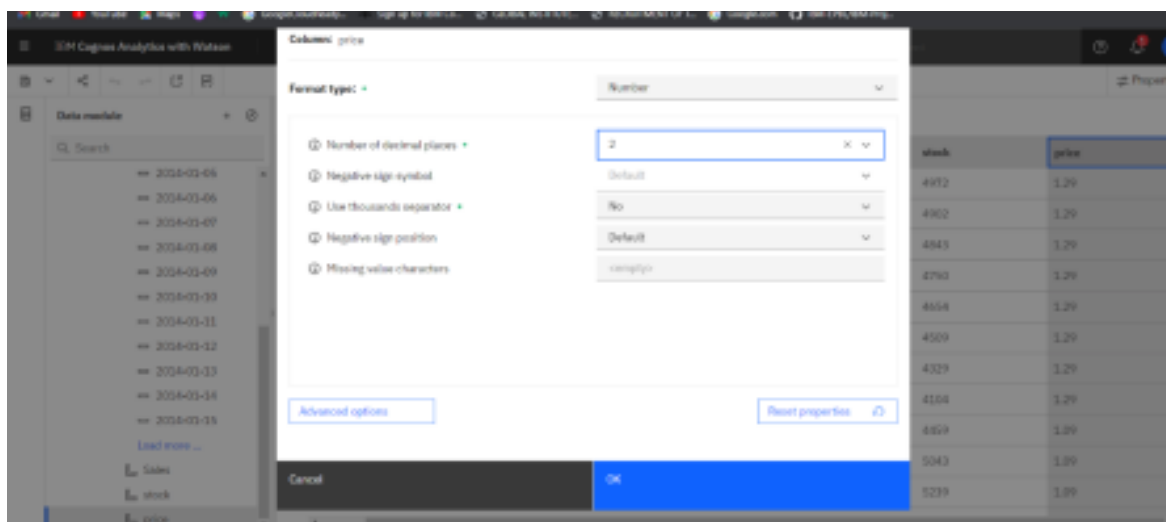
Stock-Format Data:



Sales-Format Data:



Price-Format Data:



Revenue-Format Data:

IBM Cognos Analytics with Watson

New data module

Data module

Search

New data module

- Navigation paths
- new_data_11.csv
 - M data
 - revenue data
- Item list
 - Year
 - 2014-01-01
 - 2014-01-02
 - 2014-01-03
 - 2014-01-04
 - 2014-01-05
 - 2014-01-06
 - 2014-01-07
 - 2014-01-08

Data format

Column: revenue data

Format type: Number

- Number of decimal places: 0
- Negative sign symbol: Default
- Use thousands separator: No
- Negative sign position: Default
- Missing value characters: empty

Advanced options

Reset properties

stock	price
4972	1.29
4902	1.29
4843	1.29
4793	1.29
4654	1.29
4509	1.29
4329	1.29
4184	1.29
4059	1.89
5043	1.89
5239	1.89