

## PROJECT DEVELOPMENT PHASE

### Delivery of Sprint - 01

DATE	29.10.2022
TEAM ID	PNT2022TMID15864
PROJECT TITLE	RETAIL STORE STOCK INVENTORY ANALYSIS

### SPRINT 1

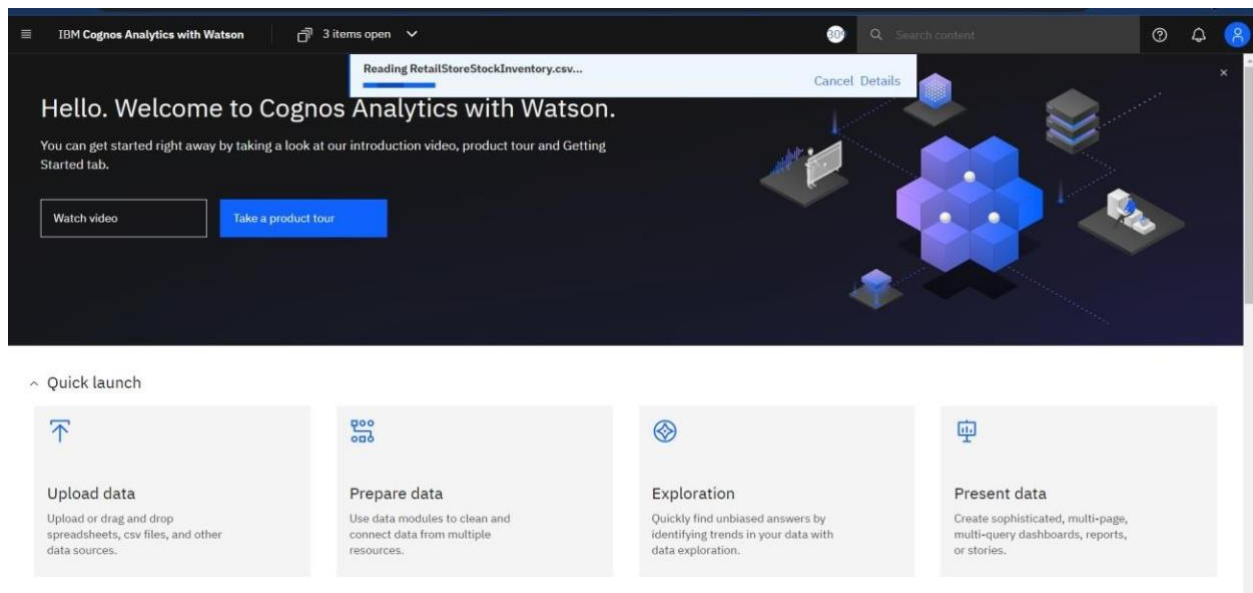
- DATA COLLECTION
- DATA PREPARATION

Data Collection:

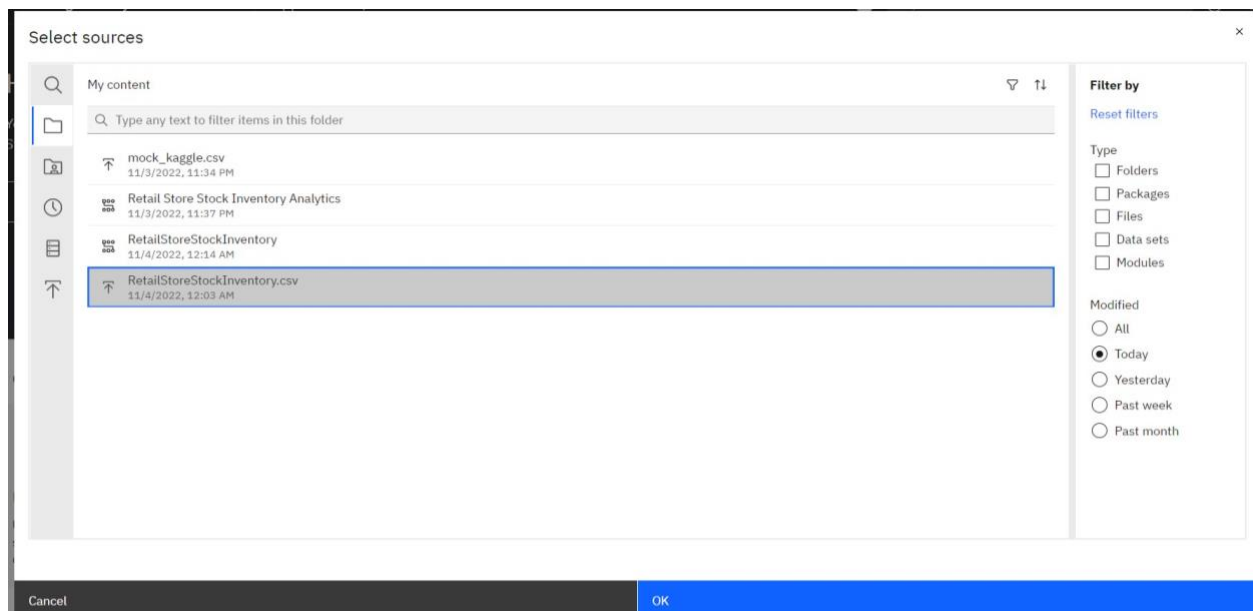
(i)Download dataset:

Dataset link : [https://drive.google.com/file/d/1TGCey9xTxKsg1g1g8H\\_Ym1QGblA\\_r0KK/view](https://drive.google.com/file/d/1TGCey9xTxKsg1g1g8H_Ym1QGblA_r0KK/view)

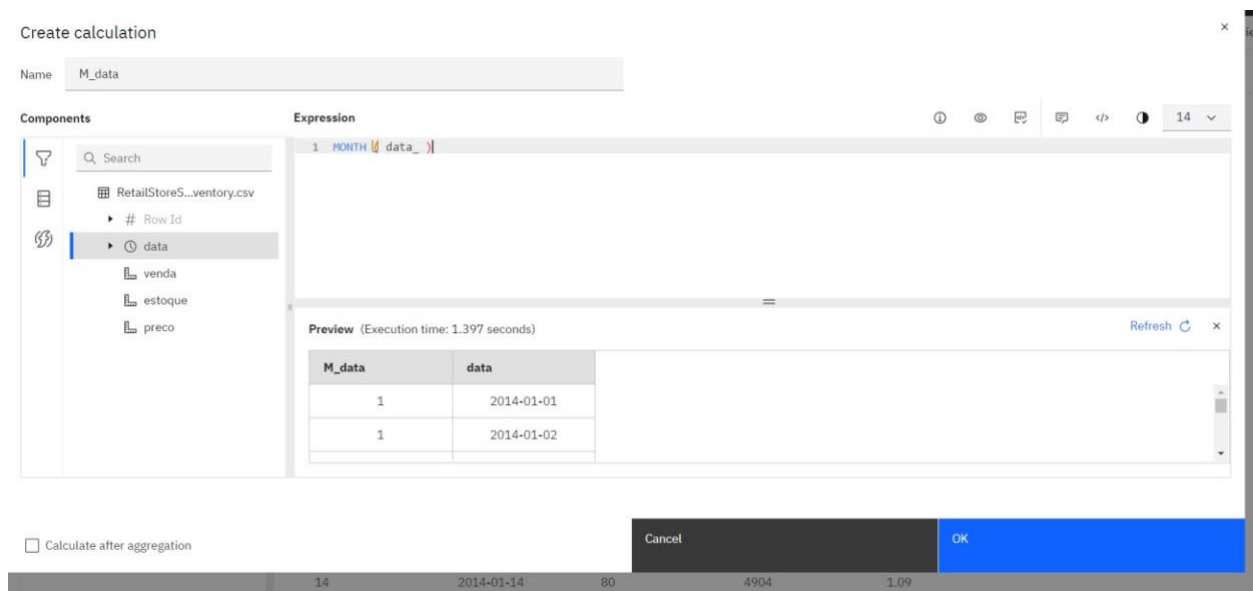
(ii)Uploading dataset:



Choosing the dataset for preparation



## Month data: Calculation Creation



## Formatting Month Data:

Data format

Column: M\_data

Format type: •

Date

① Date separator •

/

×

▼

① Date style •

Short

▼

① Date ordering

Default

▼

① Missing value characters

<empty>

Advanced options

Reset properties ↺

Cancel

OK

Formatting year data:

Data format

Column: Year

Format type: •

Date

① Date separator •

/

×

▼

① Date style •

Short

▼

① Date ordering

Default

▼

① Missing value characters

<empty>

Advanced options

Reset properties ↺

Cancel

OK

Formatting sale data

Data format
×

Column: sales

Format type: •

Number
▼

①
Number of decimal places •

0

×
▼

①
Negative sign symbol

Default

▼

①
Use thousands separator •

No

▼

①
Negative sign position

Default

▼

①
Missing value characters

<empty>

Advanced options

Reset properties ↺

Cancel

OK

Formatting stock data:

Data format
×

Column: Stock

Format type: •

Number
▼

①
Number of decimal places •

0

×
▼

①
Negative sign symbol

Default

▼

①
Use thousands separator •

No

▼

①
Negative sign position

Default

▼

①
Missing value characters

<empty>

Advanced options

Reset properties ↺

Cancel

OK

Formatting price data:

## Data format



Column: price

Format type: •

Number



① Number of decimal places •

0



① Negative sign symbol

Default



① Use thousands separator •

No



① Negative sign position

Default



① Missing value characters

<empty>

Advanced options

Reset properties



Cancel

OK

View data:

Grid

Relationships

Custom tables

	M_data	Row Id	Year	sales	Stock	price
1	1	1	1/1/14	0	4972	1
1	1	2	1/2/14	70	4902	1
1	1	3	1/3/14	59	4843	1
1	1	4	1/4/14	93	4750	1
1	1	5	1/5/14	96	4654	1
1	1	6	1/6/14	145	4509	1
1	1	7	1/7/14	179	4329	1
1	1	8	1/8/14	321	4104	1
1	1	9	1/9/14	125	4459	1
1	1	10	1/10/14	88	5043	1
1	1	11	1/11/14	188	5239	1
1	1	12	1/12/14	121	5118	1
1	1	13	1/13/14	134	4984	1
1	1	14	1/14/14	80	4904	1

Properties

IBM Cognos Analytics with Watson						
* Retail Store Stock ... Analytics						
Search content						
Properties						
Data module						
Search						
Retail Store St...tory Analytics						
Navigation paths						
RetailStore...ventory.csv						
M_data						
# Row Id						
Year						
sales						
Stock						
price						
2	31	2/1/14	369	2145	1	
2	32	2/2/14	217	1928	1	
2	33	2/3/14	97	1831	1	
2	34	2/4/14	117	1714	1	
2	35	2/5/14	100	1998	1	
2	36	2/6/14	64	2126	1	
2	37	2/7/14	35	2091	1	
2	38	2/8/14	54	2037	1	
2	39	2/9/14	55	1982	1	
2	40	2/12/14	8	7228	1	
2	41	2/13/14	43	7185	1	
2	42	2/14/14	107	7078	1	
2	43	2/15/14	116	6962	1	
2	44	2/16/14	87	6875	1	

Inventory module link:

[https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my\\_folders%2FRetail%2BStore%2BStock%2BInventory%2BAnalytics](https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my_folders%2FRetail%2BStore%2BStock%2BInventory%2BAnalytics)