

PROJECT DEVELOPMENT PHASE

Delivery of Sprint - 01

DATE	29.10.2022
TEAM ID	PNT2022TMID13988
PROJECT TITLE	RETAIL STORE STOCK INVENTORY ANALYSIS

SPRINT 1

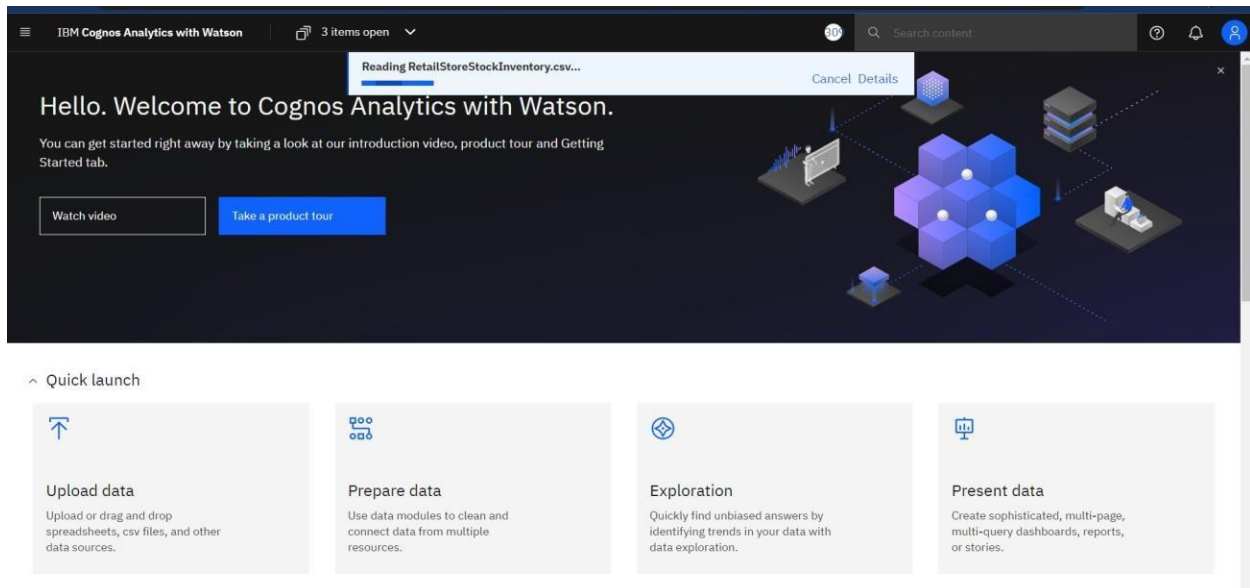
- DATA COLLECTION
- DATA PREPARATION

Data Collection:

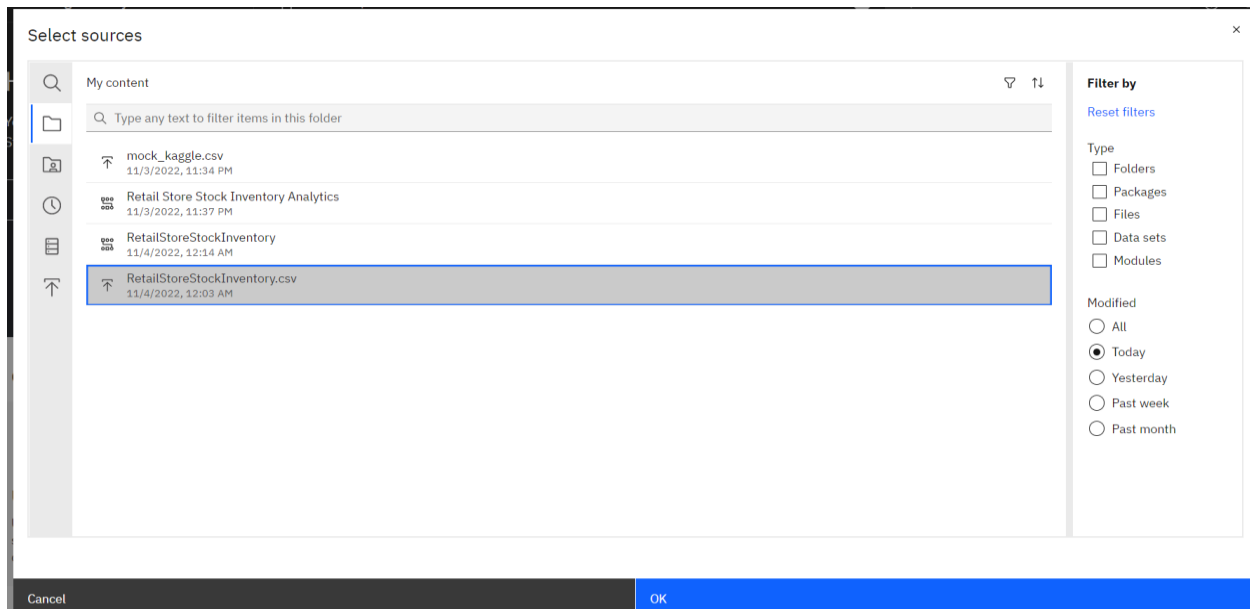
(i) Download dataset:

Dataset link : https://drive.google.com/file/d/1TGCey9xTxKsg1g1g8H_Ym1QGblA_r0KK/view

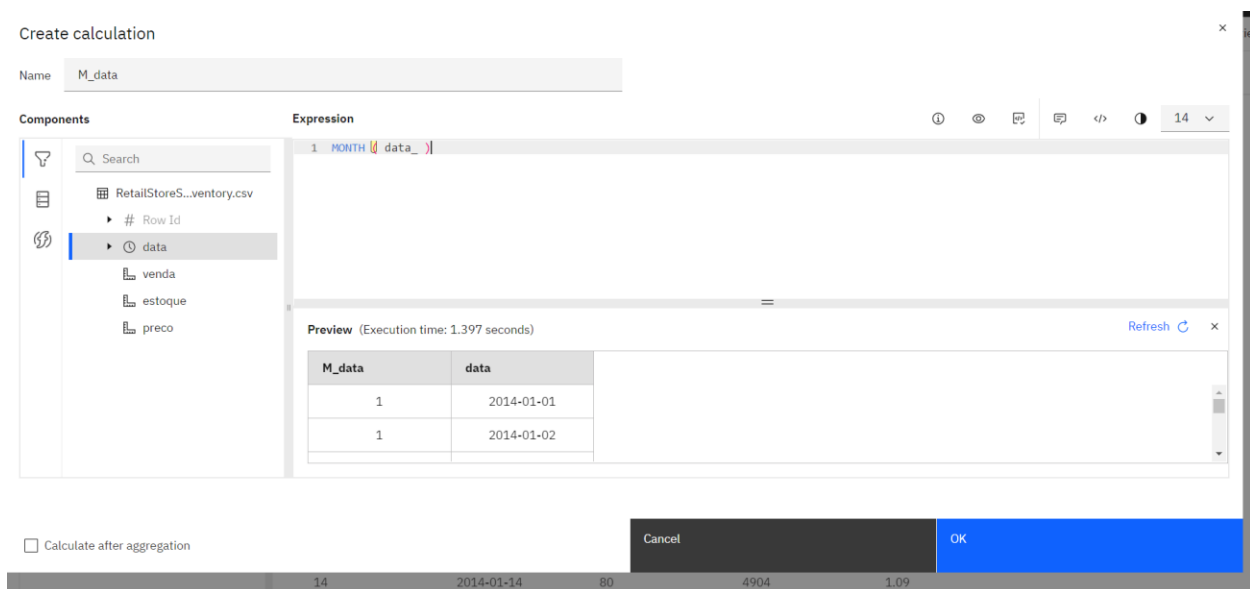
(ii) Uploading dataset:



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

▼

ⓘ 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 ↺

Cancel

OK

View data:

⌵

🔍

↶

↷

📄

🖨

Properties

Data module

+

🔍 Search

Retail Store St...tory Analytics

Navigation paths +

▼ RetailStore...ventory.csv

▶ M_data

▶ # Row Id

▶ Year

sales

Stock

price

Grid

Relationships

Custom tables

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

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						
1	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