

## PROJECT DEVELOPMENT PHASE

### Delivery of Sprint - 01

DATE	29.10.2022
TEAM ID	PNT2022TMID12454
PROJECT TITLE	RETAIL STORE STOCK INVENTORY ANALYSIS

### SPRINT 1

- DATA COLLECTION
- DATA PREPARATION

Data Collection:

The screenshot displays the IBM Cognos Analytics with Watson user interface. At the top, a dark header bar contains the application name, a tab indicator showing '3 items open', a search bar, and user profile icons. A modal window is open, titled 'Reading RetailStoreStockInventory.csv...', with a 'Cancel Details' button. The main content area features a large welcome message: 'Hello. Welcome to Cognos Analytics with Watson.' Below this, it says 'You can get started right away by taking a look at our introduction video, product tour and Getting Started tab.' Two buttons are provided: 'Watch video' and 'Take a product tour'. To the right is a 3D isometric graphic of blue cubes and server racks. Below the main content, a 'Quick launch' section is visible, containing four tiles: 'Upload data' (with an upload icon), 'Prepare data' (with a data processing icon), 'Exploration' (with a magnifying glass icon), and 'Present data' (with a presentation icon). Each tile includes a brief description of the functionality.

IBM Cognos Analytics with Watson 3 items open Search content

Reading RetailStoreStockInventory.csv... Cancel Details

Hello. Welcome to Cognos Analytics with Watson.

You can get started right away by taking a look at our introduction video, product tour and Getting Started tab.

Watch video Take a product tour

Quick launch

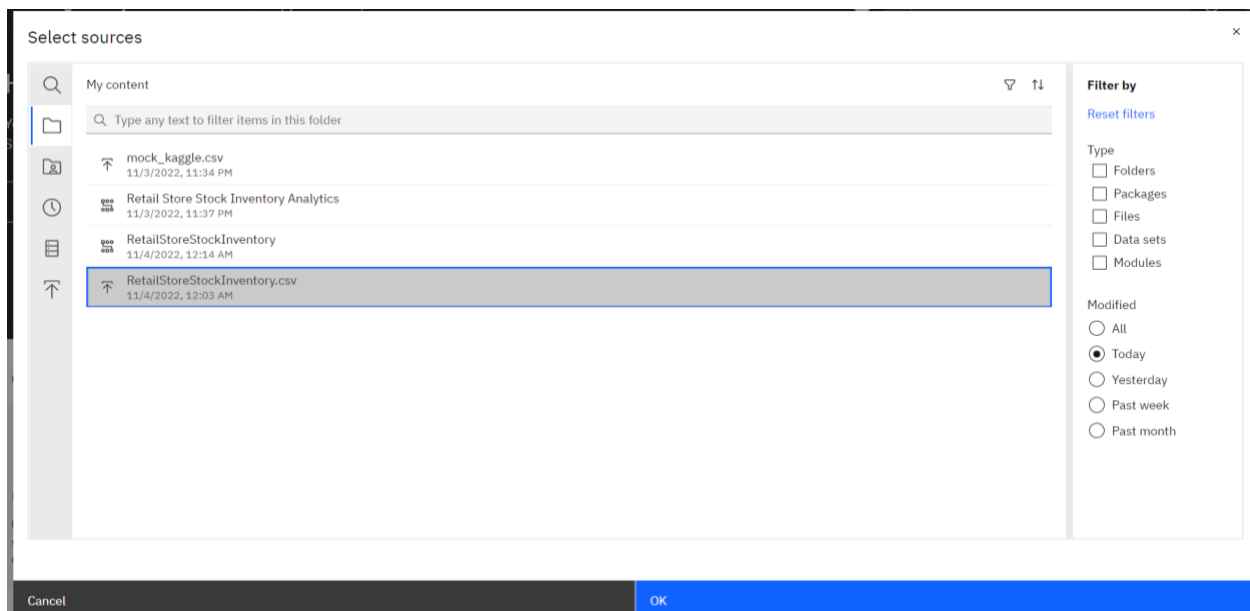
**Upload data**  
Upload or drag and drop spreadsheets, csv files, and other data sources.

**Prepare data**  
Use data modules to clean and connect data from multiple resources.

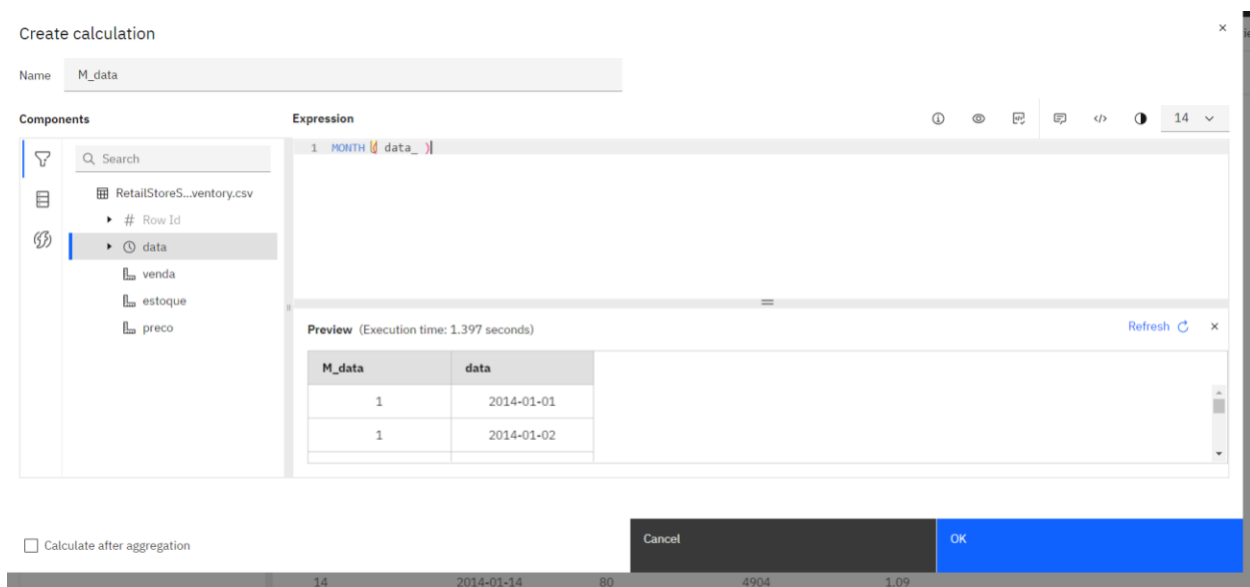
**Exploration**  
Quickly find unbiased answers by identifying trends in your data with data exploration.

**Present data**  
Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

## 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

10

Search content

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

11	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