

**PREPARATION PHASE**  
**WORKING WITH THE DATASET**

<b>Team ID</b>	PNT2022TMID49756
<b>Project Name</b>	Data analytics – Retail store stock inventory analytics

# Understanding the dataset:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane displays a search bar and a list of items: 'New data module', 'Navigation paths', and 'abalone.csv'. The main area shows a table with the following columns: 'Row Id', 'Sex', 'Length', 'Diameter', 'Height', 'Whole weight', and 'Shucked weight'. The table contains 14 rows of data.

Row Id	Sex	Length	Diameter	Height	Whole weight	Shucked weight
1	M	0.455	0.365	0.095	0.514	0.2245
2	M	0.35	0.265	0.09	0.2255	0.0995
3	F	0.53	0.42	0.135	0.677	0.2565
4	M	0.44	0.365	0.125	0.516	0.2155
5	I	0.33	0.255	0.08	0.205	0.0895
6	I	0.425	0.3	0.095	0.3515	0.141
7	F	0.53	0.415	0.15	0.7775	0.237
8	F	0.545	0.425	0.125	0.768	0.294
9	M	0.475	0.37	0.125	0.5095	0.2165
10	F	0.55	0.44	0.15	0.8945	0.3145
11	F	0.525	0.38	0.14	0.6065	0.194
12	M	0.43	0.35	0.11	0.406	0.1675
13	M	0.49	0.38	0.135	0.5415	0.2175
14	F	0.535	0.405	0.145	0.6845	0.2725

The screenshot shows the 'Create a view of a table' dialog box in the IBM Cognos Analytics interface. The dialog box has a title bar and a close button. It contains a section for 'New table name:' with the value 'abalone.csv - View (1)'. Below this is a 'Select items' section with a search bar and a list of items: 'abalone.csv' with a checkmark. At the bottom, there are 'Invert' and 'Clear all' buttons. The background shows the same table as the previous screenshot.

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# Loading the dataset:

The screenshot displays the IBM Cognos Analytics web application interface. At the top, a browser tab shows the URL `ap1.ca.analytics.ibm.com/bi/?perspective=home`. The application header includes the text "IBM Cognos Analytics with Watson" and a search bar. A progress bar at the top indicates "Analyzing abalone.csv" with a "Cancel Details" link. Below this, the "Quick launch" section offers four main actions: "Upload data" (with a description: "Upload or drag and drop spreadsheets, csv files, and other data sources."), "Prepare data" (with a description: "Use data modules to clean and connect data from multiple resources."), "Exploration" (with a description: "Quickly find unbiased answers by identifying trends in your data with data exploration."), and "Present data" (with a description: "Create sophisticated, multi-page, multi-query dashboards, reports, or stories."). A "Get started" section follows, featuring a "How-to videos" link, an "Accelerator Catalog" link, and a "Learning resources" link. At the bottom, a file explorer bar shows the loaded file "abalone.csv" and other recent files like "Inventory Manage...zip" and "PNT2022TMD1397...pdf".

# Prepare the dataset:

New data module

ap1.ca.analytics.ibm.com/bi/7perspective=ca-modeller&id=3625728000\_123e4b693df7427f88e00ee2b4114a1b\_sessionTemp&objRef=&tid=3625728000\_123e4b693df7427f88e00ee2b4114a...

IBM Cognos Analytics with Watson

New data module

28

Search content

Properties

Data module

Search

New data module

Navigation paths

abalone.csv

# Row Id

Sex

Length

Diameter

Height

Whole weight

Shucked weight

Viscera weight

Shell weight

Rings

Grid

Relationships

Custom tables

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