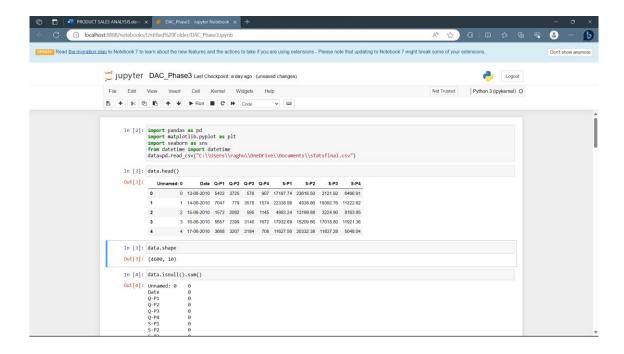
PRODUCT SALES ANALYSIS

Product sales analysis is a systematic examination and evaluation of the performance and results associated with the sales of a particular product or a group of related products. This analysis involves gathering and studying data and information to gain insights into how well a product is selling in the market. It aims to understand various aspects of product sales.

Visualize using python

First, import the CSV file using the function "pd.read_csv()".

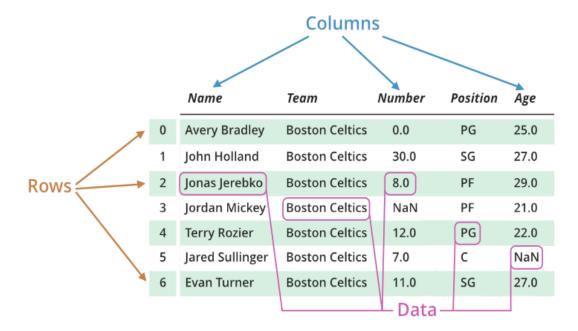


By using shape() function, when it comes to the analysis of data and its variants, it is extremely important to realize the volume of data. That is, before we plan to analyze the data and perform synthesis on it, we need to be aware of the dimensions of the data.

This is when the Python shape() method comes into the picture.

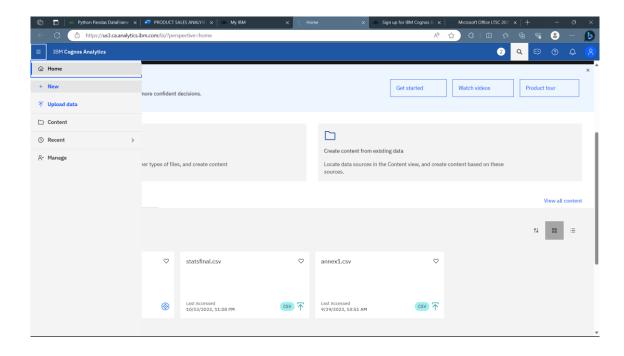
With the shape() method, comes the flexibility to obtain the dimensions of any Python object. Yes, it returns a tuple value that indicates the dimensions of a Python object.

Data Frame in Pandas is two-dimensional size-mutable, potentially heterogeneous tabular data structure with labeled axes (rows and columns). A Data frame is a two-dimensional data structure, i.e., data is aligned in a tabular fashion in rows and columns. Pandas Data Frame consists of three principal components, the **data**, **rows**, and **columns**.

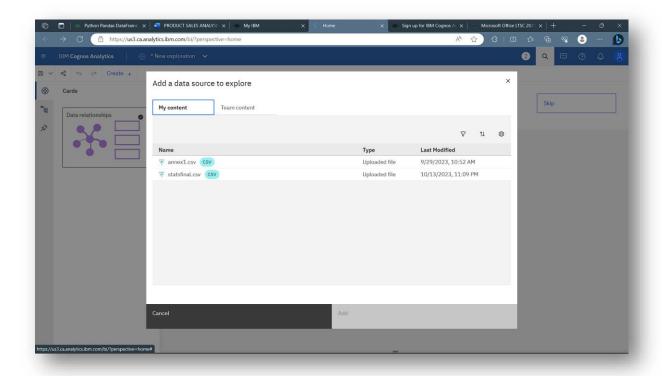


Visualize using IBM Cognos Analytics:

First, open IBM Cognos analytic in browser. In the top left corner, click the option button. Then select "New".



Select the dataset.



After that, choose the Visualization or Exploration techniques and method to analyse your dataset.