

# *Data Visualization Assessment 01:*

Data visualization helps to tell stories by curating data into a form easier to understand, highlighting the trends and outliers. A good visualization tells a story, removing the noise from data and highlighting the useful information.

In other words we can say that it is the practice of translating information into a visual context, such as a map or graph, to make data easier for the human brain to understand and pull insights from. The main goal of data visualization is to make it easier to identify patterns, trends and outliers in large data sets.

In this assessment, you are supposed to do the following:

1. Using pandas, create a dummy dataset (of at least 6 columns and 5 rows)
2. Save the dataset created as a .csv file and use it in step 3
3. The dataset created, needs to be uploaded and visualization on such data needs to be performed.
4. Since this is the first assessment, you can keep yourselves constrained to 'Bar Chart', 'Pie Chart', 'Histograms' etc
5. Make sure each of your visualization is followed with at least one line of self explanatory statement which tells about some basic statistical inference which has been made by you.

For your reference, I will share the solution document of one of my student

Step 5 is optional and if you wish to share and get verified your output (with insights collected) you can mail me the same at [assimilate.ai03@gmail.com](mailto:assimilate.ai03@gmail.com)

This assesement will be followed by two more sets, make sure you attempt them all 😊

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