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Data Visualisation: For easy understanding of data, it saves more time  
becoz we can quickly analyse the data.  
python libraries for data visualization:

1. matplotlib lib - more customised
2. seaborn
3. plotly.

cols - features

rows - records / observations

Three types of analysis:

1. Univariate Analysis: To understand the quality of features.  
[countplot, histogram, box plot, piechart.]
2. Bivariate Analysis: To understand the relationship between two features. [bar chart, scatter plot]

3. Multivariate Analysis: To understand the relation between more than 2 features.

[Heatmap, pairplot]

Types of Data:

1. Numerical (continuous, Discrete)

2. Categorical

Univariate Analysis: We will pass only 1 feature and we use to understand the data distribution and quality.

- To generate for all columns, we should use (iteration) for loop.