# Artificial Intelligence Steps

## Data Preprocessing



Making raw data into more meaningful data or the data which can be understood by the Machine Learning Model.

- Vectorization
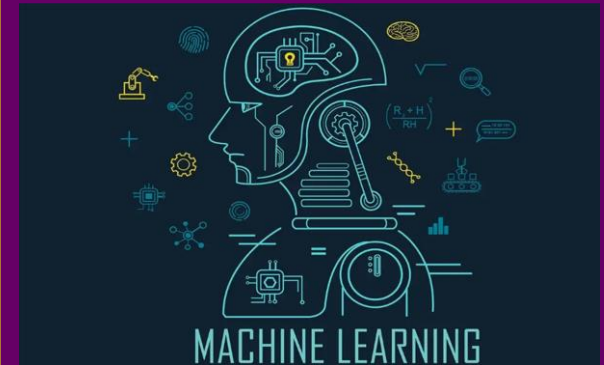- Normalization
- Handling Missing Values

## Data Visualization



the graphic representation of data. It involves producing images that communicate relationships among the represented data to viewers of the images

Correlation Heatmap, Pair plot, Histogram, Boxplot, Scatter Plot, Bar Plot, Probability density graph

## Machine Learning



type of (AI) that allows software applications to become more accurate at predicting outcomes without being explicitly programmed to do so. ML algorithms use historical data as input to predict new output values.

- Supervised
- Unsupervised
- Semi supervised
- Reinforcement learning