

Approach

1. Load and pre-process the Training Data, remove the null values from the data and remove irrelevant features from the data by finding out the correlation between all the features and target values of the dataset.
2. Split the training data into train set and test set and apply the Decision Tree Classifier to the train set to predict the values of the test set and calculate its accuracy and F1 score of the model.
3. Then apply the Decision Tree Classifier to the complete training data.
4. Predict the values of test data and store it in the .csv file and store the model in .sav file.