**Selecting Hypothesis**

**Selecting Data Set**

**Cleaned Data Set**

**EDA**

**Literature Review**

**One-Hot Encoding**

**Categorizing values of columns**

**Balancing Data**

**Checking for Null values**

**Data Pre-Processing**

**Hyper Parameter Tunning**

**Machine Learning Model**

**Feature Engineering**

**Developing Model**

**Cross-Validation**

**Classification Report Analysis**

**Selecting Model**

**ROC-AUC**