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Loan Approval Prediction M

Introduction

As a financial institution whose core business is is
make the fast turn around time a competitive adv
education and credit history to be decide whethe
process. We will use data from https://www.kaggl

Objective

A financial institution wants to automate the loan
analyzing past loan application data, the model w
or rejected

2.1 Understanding the datas

Importing the necessary liabraries and models

```python
[1]:  import pandas as pd
      import numpy as np
      import seaborn as sns
      import matplotlib.pyplot as plt
      import statsmodels.api as sm
      import warnings
      warnings.filterwarnings('ignore')

      #relevant ML libraries
      from sklearn.preprocessing import LabelEnc
      from sklearn.model_selection import train_
      from sklearn.metrics import confusion_matr
      from sklearn.metrics import classification_
      from sklearn.metrics import accuracy_score
      from sklearn.preprocessing import LabelEnc
      from sklearn.impute import SimpleImputer

      #ML models
      from sklearn.tree import DecisionTreeClassi
```