Within this folder you will find a Loan Approval Dataset.

The loan approval dataset is a collection of financial records and associated information used to determine the eligibility of individuals or organizations for obtaining loans from a lending institution. It includes various factors such as cibil score, income, employment status, loan term, loan amount, assets value, and loan status.

The column names in the dataset are easy to understand. In case of any doubt feel free to connect with us.

Your task:

1. Provide an exploratory data analysis.
2. Provide rationale for selecting your input parameters.
3. Build models with only the necessary and sufficient variables and predict the likelihood of loan approval (take “loan\_status” as target variable).
4. Select the best model and tune the hyper-parameters.
5. Create an inference code to take a sample input data and provide model output.

You will be judged on the basis of what type of analysis is performed and overall steps taken to explore and explain the problem.