# Loan-approval-prediction-Report.

**EDA Report:**

* Load the data set and display top 5 and bottom 5 rows.
* Rename column names to meaningful names.
* Display total number of Rows and columns in dataset.
* Display each column name, data type and size.
* Display columns which having null values.
* Remove Null values by using different approaches like delete, imputing using mean/mode/median.(Dropna/Fillna)
* Delete Duplicate values.
* Encode categorical data
* Handle Outliers
* Binning/Normalization.

Note:- Please insert some data by your own if existing data is not suffice to demonstrate above requirements, so insert some data and apply above transformations.

**Visualization Report:**

Creating a meaningful story by using different charts.

### TYPES OF GRAPH[¶](https://www.kaggle.com/code/shantanudhakadd/complete-data-visualization#TYPES-OF-GRAPH)

* Basic Plots
* Bar Plots
* Histograms
* Box Plots
* Area Plots
* Scatter Plots
* Hexagonal Bin Plots
* Pie Plots
* Heatmaps

Using different features and target variable try to generate all above plots and write inference from each plot.

**Outcome:**

At the end of the exercise, you will get a ring side view of making sense with data. You can take the knowledge that you have gained and use the same in your day-to-day projects. Apart from that you will also understand where data science and AI will fit in the larger scheme of things.

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