

Approach

1. Load Libraries and Datasets
2. Making assumptions and Null Hypothesis
3. EDA and Data Visualization
4. Data Analysis
5. Data Cleaning
6. Missing Data Imputation
7. Label Encoding
8. One Hot Encoding
9. Feature Engineering (Built a column 'Loan Amount per Asset Cost')
10. Feature Scaling
11. Model Selection
12. Model Evaluation using cross validation
13. Feature Importance
14. Final Model Training
15. Model Dumping