

Bank Loan Status Dataset

Module 3 Project

Walkthroughs Topics

- Getting Familiar with dataset.
- Input Features and Output Feature.
- Dealing with null values.
- Interpretation of the model's output.

Getting Familiar with dataset.

- Found on Kaggle
- Have 19 features and little more than 100k records.
- Each feature data type.(i.e. categorical or numerical values)
- Description of each feature.

Input Features and Output Feature.

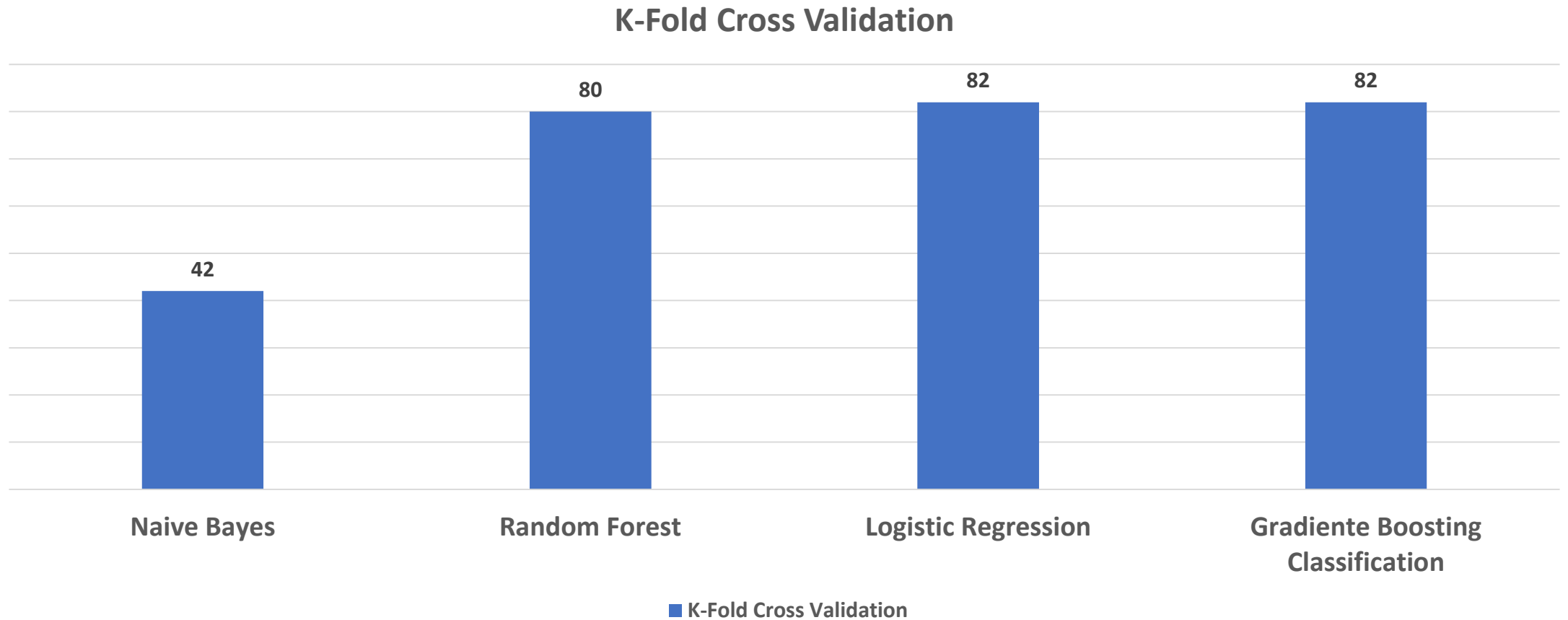
- Input features contains:
 - Credit Score.
 - Current loan Amount.
 - Annual Income.
 - Etc.
- Output features is Loan Status.

Dealing with null values.

- Deleting 514 null values at the end of the data .
- Using mean method to fill null values for numerical values.
- Using mode method to fill null values for categorical values.

	Missing Values	% of Total Values
Months since last delinquent	53655	53.4
Credit Score	19668	19.6
Annual Income	19668	19.6
Years in current job	4736	4.7
Bankruptcies	718	0.7
Tax Liens	524	0.5
Maximum Open Credit	516	0.5
Current Credit Balance	514	0.5
Number of Credit Problems	514	0.5
Number of Open Accounts	514	0.5
Loan Status	514	0.5
Years of Credit History	514	0.5
Current Loan Amount	514	0.5
Purpose	514	0.5
Home Ownership	514	0.5
Term	514	0.5
Monthly Debt	514	0.5

Interpretation of the model's output.



Thanks

Any question