

Loan Default Analysis Dashboard: Unveiling Financial Patterns

Checking Balance

All

Phone

All

Savings Balance

All

Dependents

All

Existing loan count

All

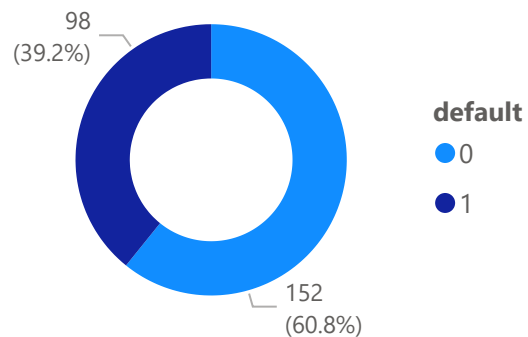
Year at residence

All

% of income

All

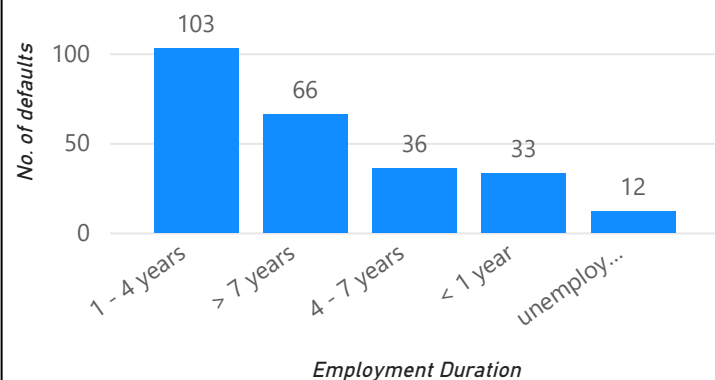
Percentage of default



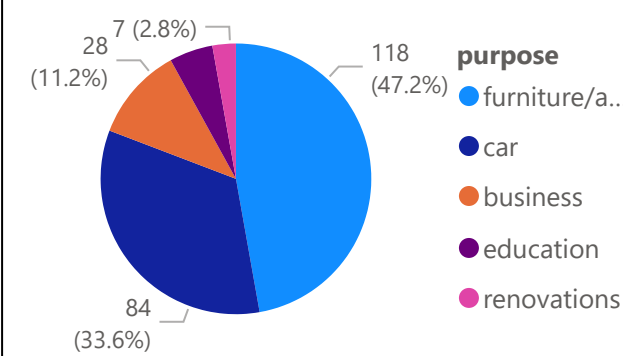
Total Records Predicted

250

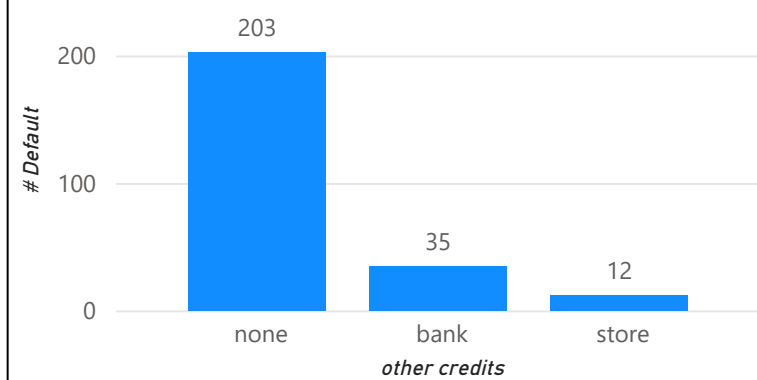
defaults based on employment duration



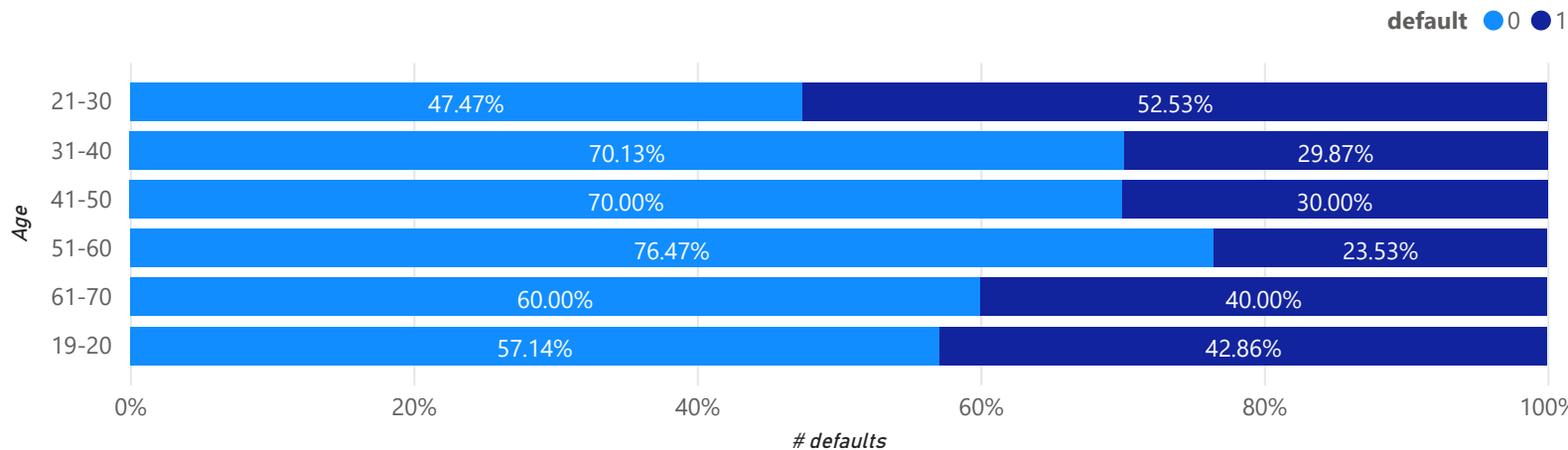
Purpose for Loan



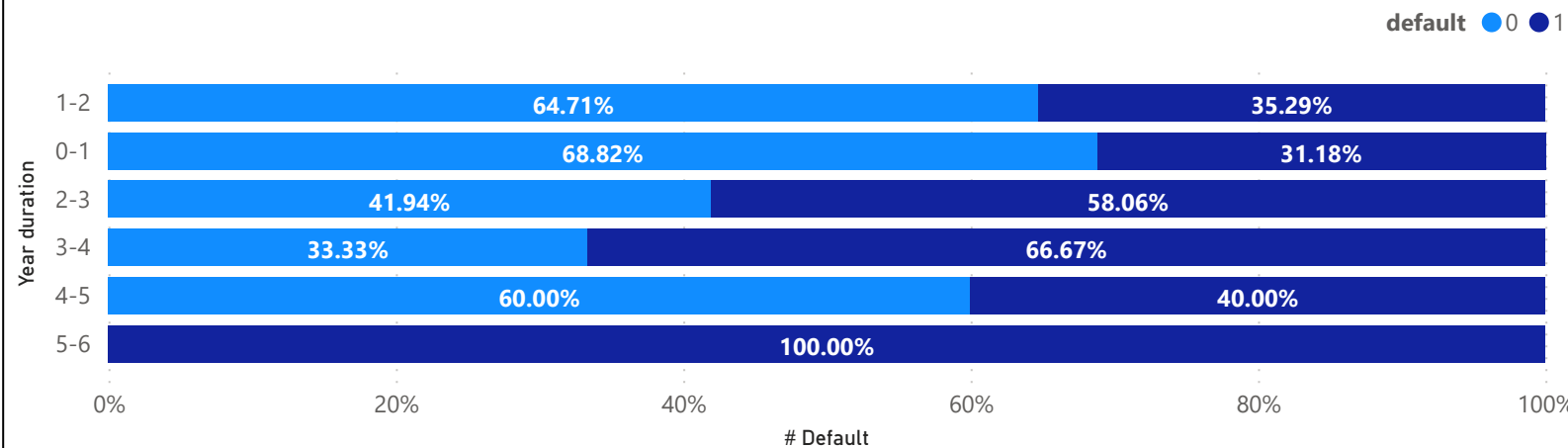
Count of default by other credit



defaults by age



Count of default by Year duration



MODEL STATS

Model Used

Logistic Regres...

Test Size

0.25

Balanced Accuracy

0.73

ROC-AUC Score

0.73

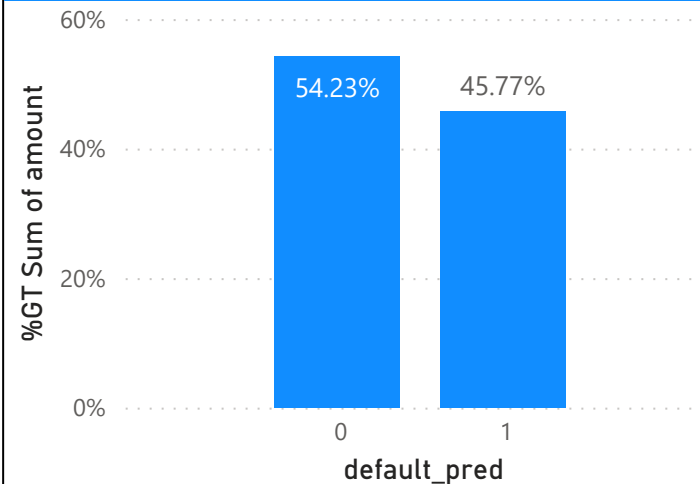
F1 Score

0.62

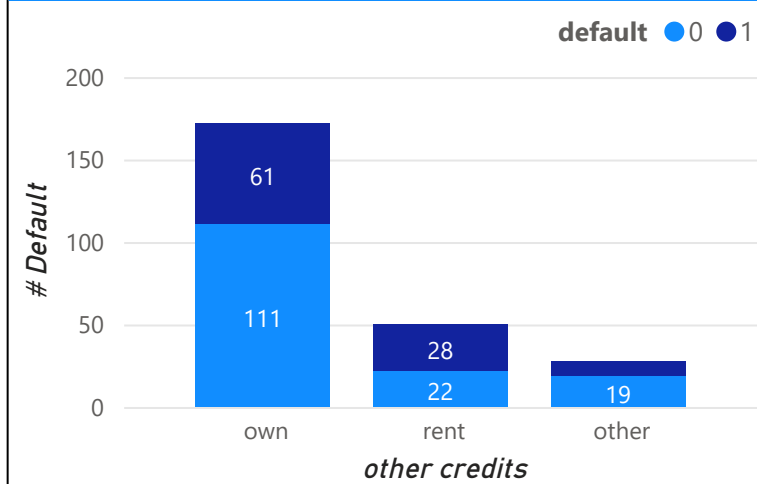
Confusion Matrix

	<u>Predicted</u>	<u>Predicted</u>
	Default No	Default Yes
<u>Actual</u>		
Default No	127	48
<u>Actual</u>		
Default Yes	19	56

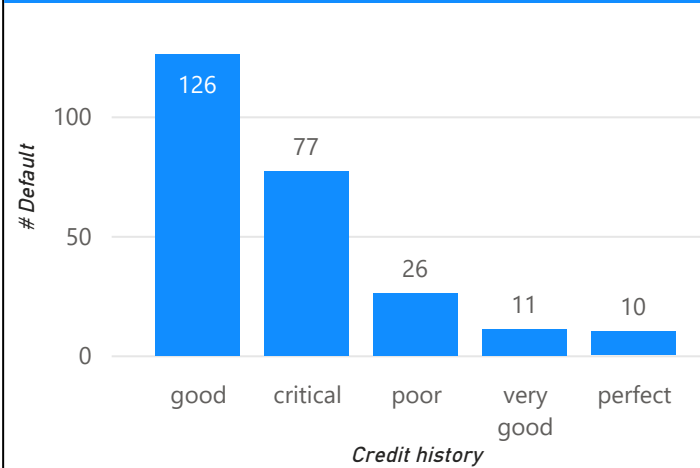
Average loan amount by default



Count of default by other credit



Average loan amount by credit history



Count of default by job

