

CREDIT SCORING DASHBOARD

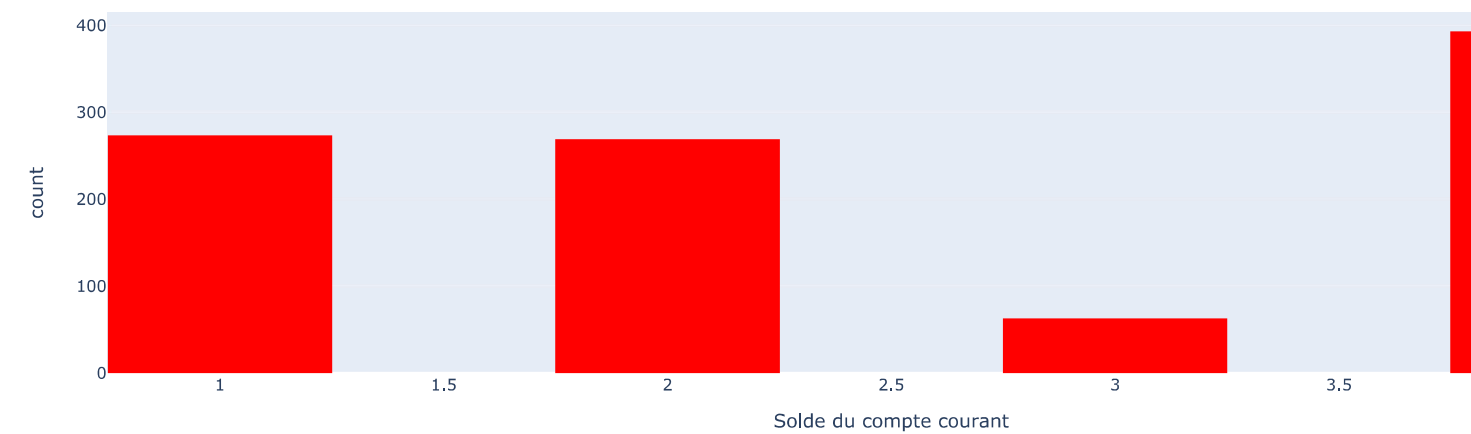
Data Visualization

Solde du compte courant

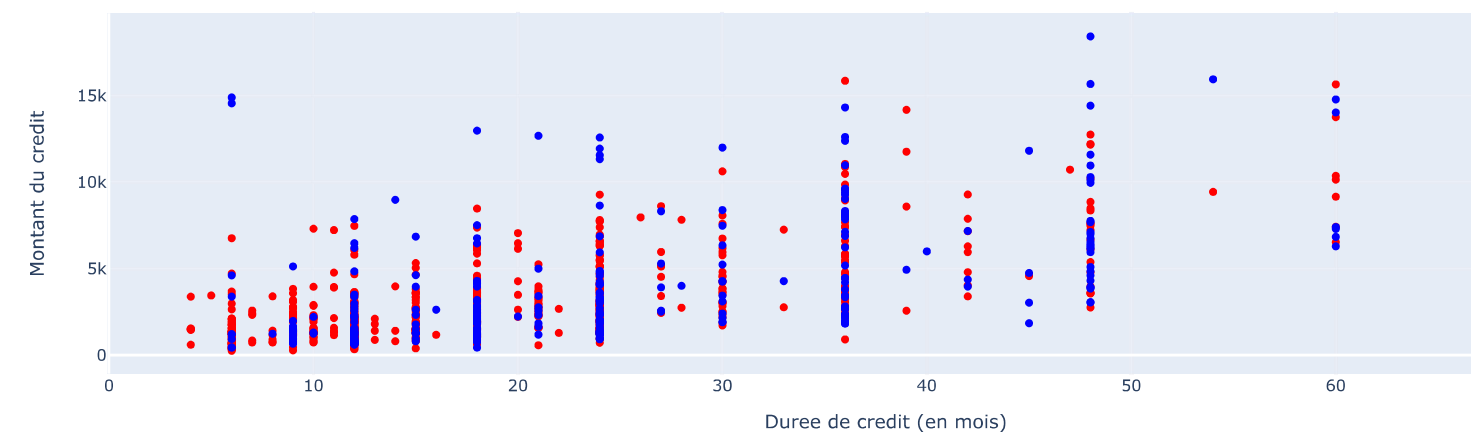
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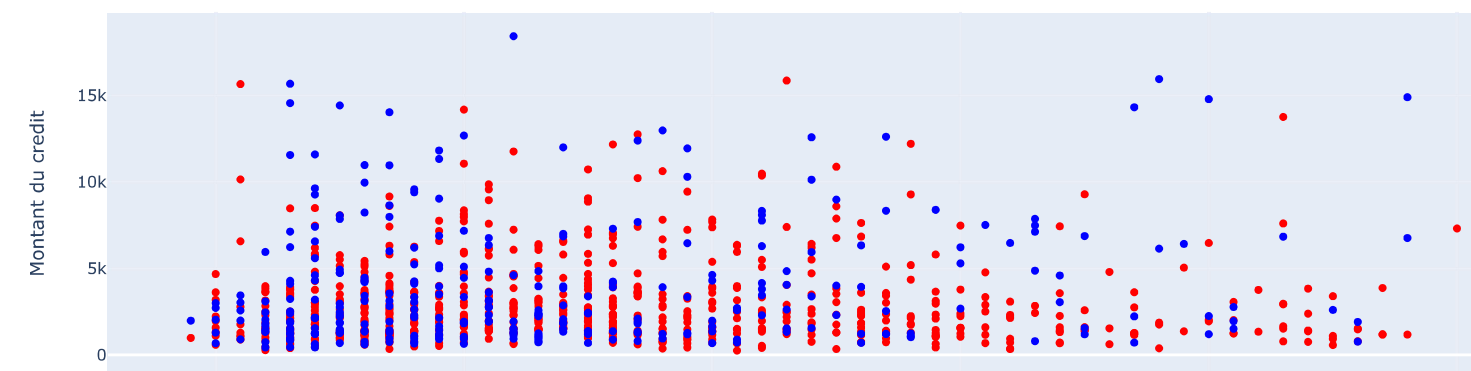
Histogram of data features



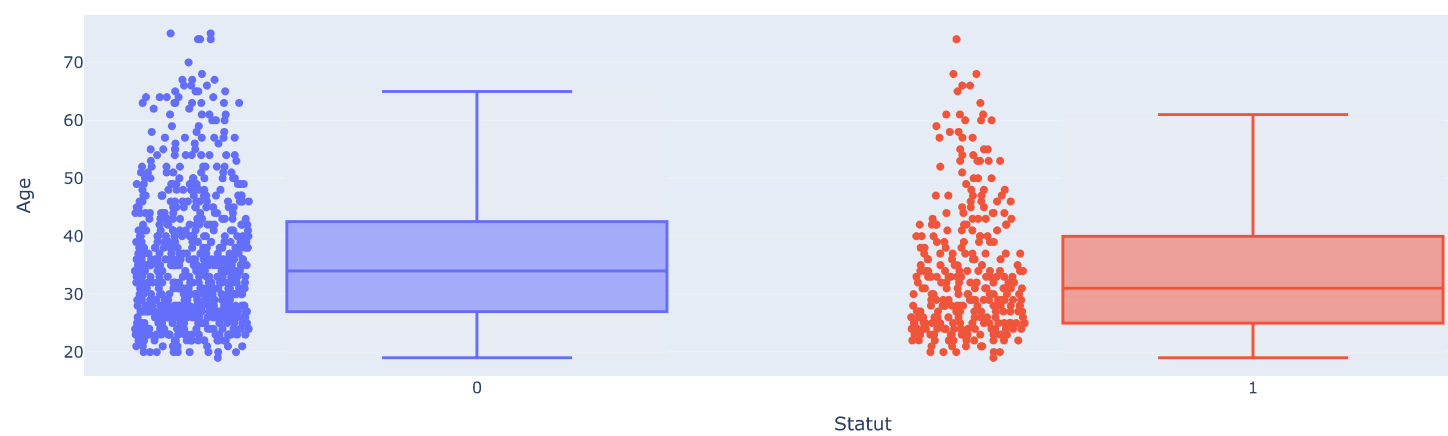
Evolution between credit duration and credit amount



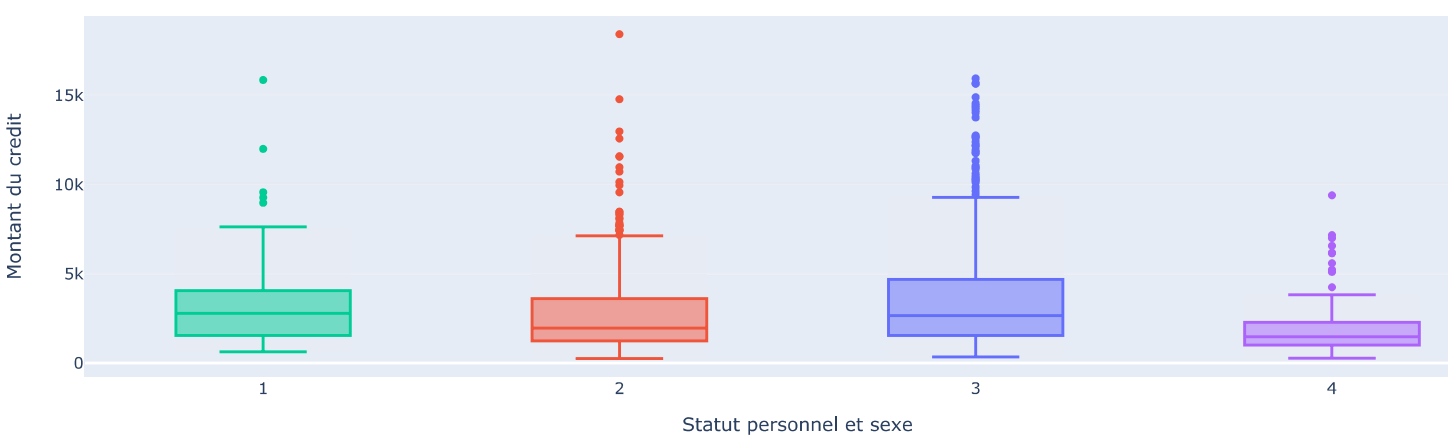
Credit amount by age



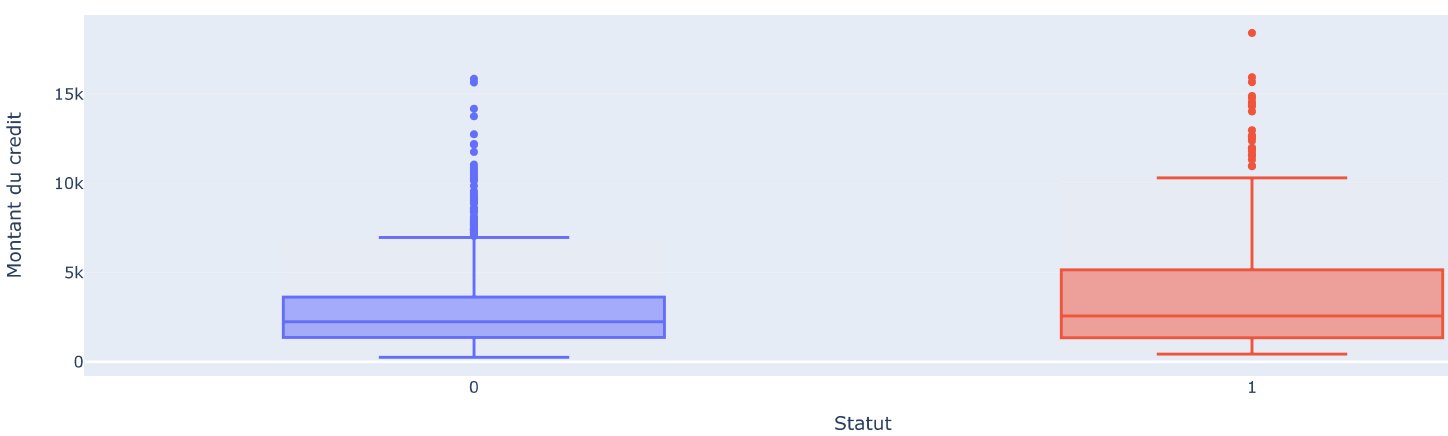
Age distribution between the two categories good loan and bad loan



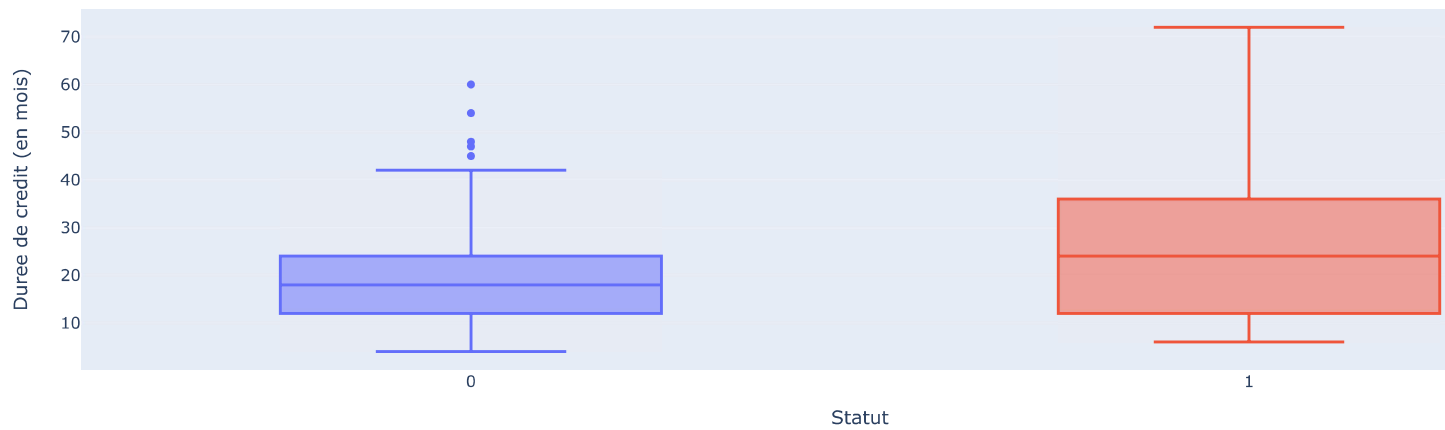
Distribution of credit amount for different personnel statut



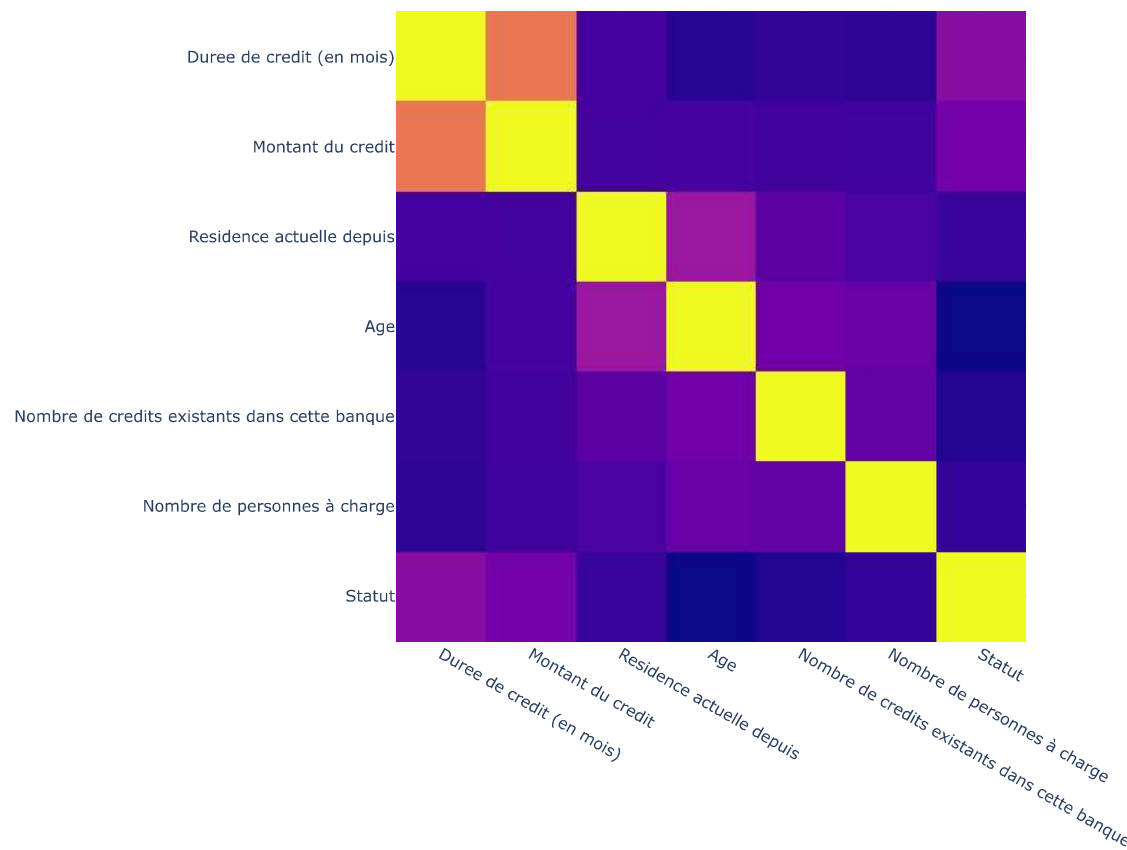
Distribution of credit amount for different statut



Distribution of credit duration for different statut



Data correlation



Models performances

Classfier	acc_train	acc_test	acc_score	rmse
LogisticRegression	0.7575	0.705	0.705	0.065
DecisionTreeClassifier	1	0.67	0.67	0.01
KNeighborsClassifier	0.7625	0.645	0.645	0.095
LinearDiscriminantAnalysis	0.76875	0.72	0.72	0.04
GaussianNB	0.7625	0.715	0.715	0.025
SVC	0.71	0.715	0.715	0.255

Classifier	acc_train	acc_test	acc_score	rmse
RandomForestClassifier	1	0.75	0.75	0.07

The best accuracy score is 0.75

The best classifier based on accuracy score is RandomForestClassifier

The best RMSE is 0.01

The best classifier based on RMSE is DecisionTreeClassifier

Predictions

Select your classifier

KNeighborsClassifier

Enter customer information

1

4

1

2

Montant de credit 10000

1

2

1

1

3

21

1

2

2

×

▼

1

×

▼

Predict

Prediction : 0 ==> Good loan with probability 60 %