AEGIS: REAL-TIME FRAUD DETECTION SYSTEM PROJECT OVERVIEW DASHBOARD

Total_Transactions
### 285K
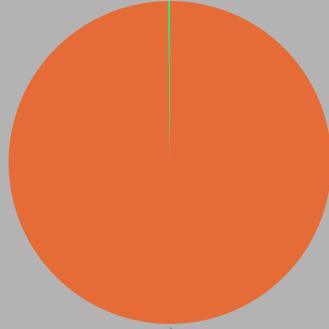
Total_Fraud_Cases
492

Fraud_Percentage
0.17

Fraud vs Normal

Fraud 0.17%

Normal 99.83%
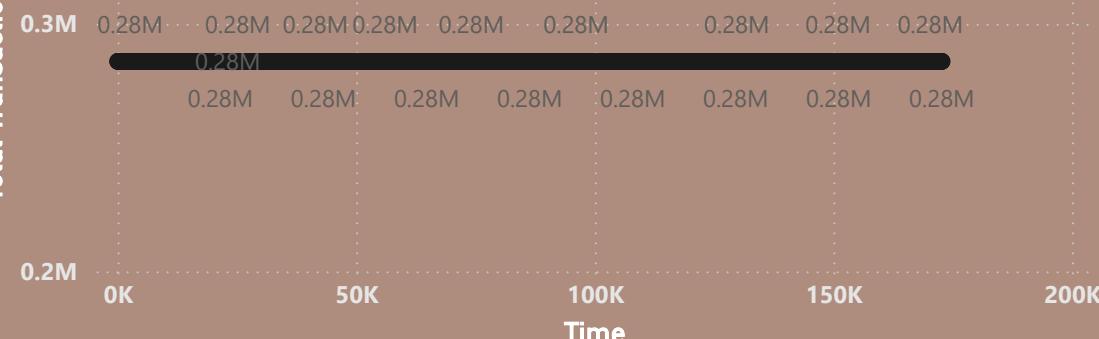
Transact... ● Normal ● Fraud
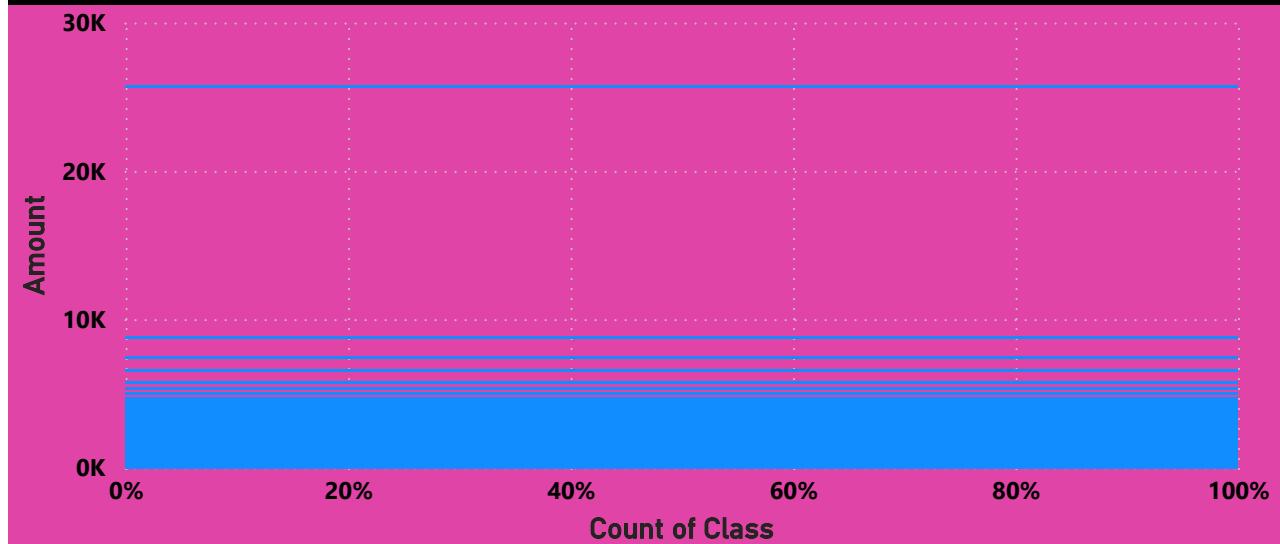
Transaction count by Time

Transaction Type ● Fraud ● Normal

Total Transactions

0.3M 0.28M 0.28M 0.28M 0.28M 0.28M 0.28M 0.28M 0.28M 0.28M
0.28M
0.28M 0.28M 0.28M 0.28M 0.28M 0.28M 0.28M 0.28M

0.2M

0K   50K   100K   150K   200K

Time
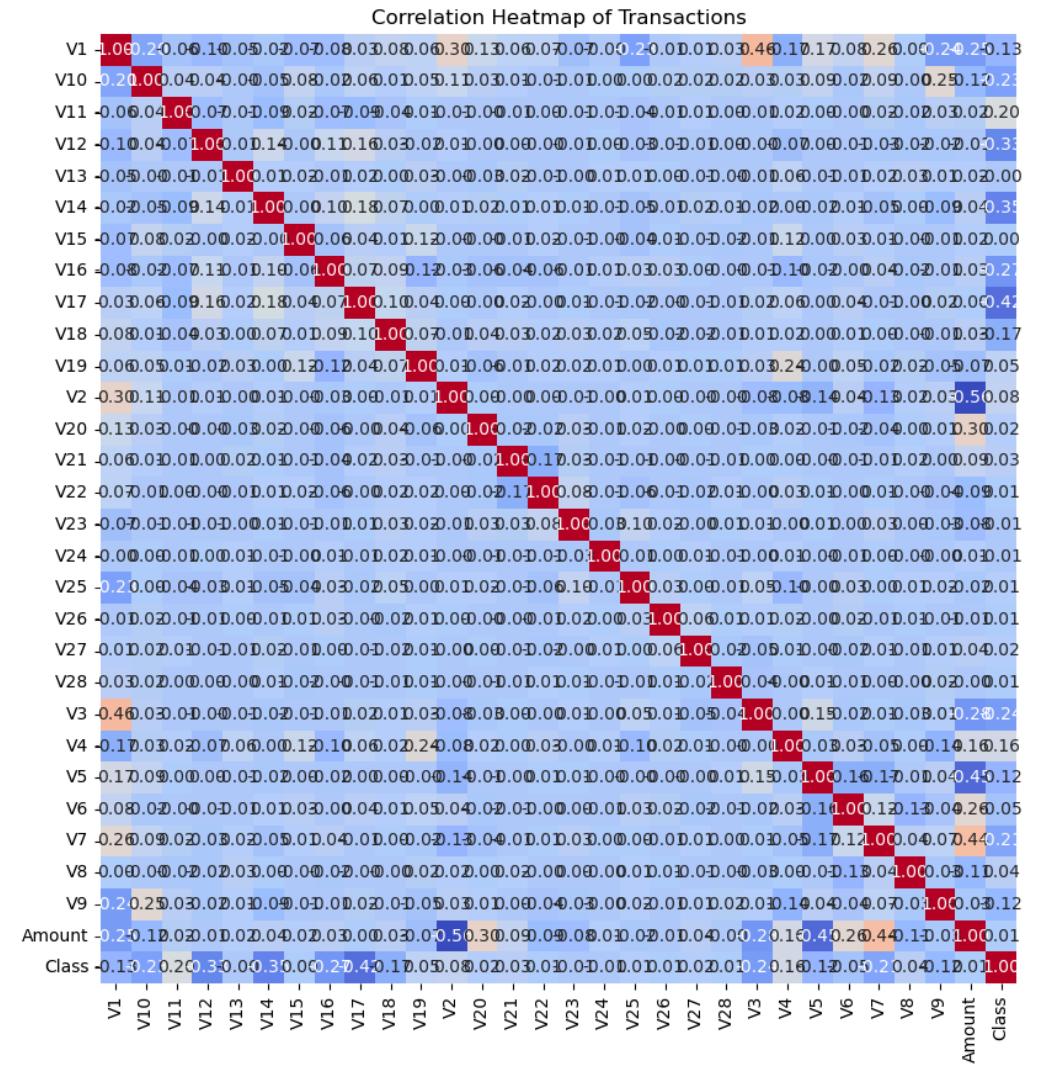
Transaction Amount Distribution

Amount

30K

20K

10K

0K

0%   20%   40%   60%   80%   100%

Count of Class

Fraud Pattern Analysis

Correlation Heatmap

Correlation Heatmap of Transactions

Model Output Dashboard

Fraud Detection Summary

Normal

2,51,02,462.04
Sum of Amount

492
Total Fraud Cases

284807
Total Transactions

Fraud

60,127.97
Sum of Amount

492
Total Fraud Cases

284807
Total Transactions

Prediction result Table

Sum of Class	Fraud Percentage	Sum of Time	Transaction Type	Sum of Amount
492	0.17	39727429	Fraud	60,127.97
0	0.17	26963923475	Normal	2,51,02,462.04
492	**0.17**	**27003650904**		**2,51,62,590.01**

Sum of Amount by Transaction Type and Time

Time ●0 ●1 ●2 ●4 ●7 ●9 ●10 ●11 ●12 ●13 ●14 ●15 ●16 ●17 ●18 ●22 ●23 ●24 ●25 ●26 ●27 ●29 ●32 ●33 ●34 ●35 ●36 ●37 ●38 ●39 ●40 ●41 ●42 ●44 ●46 ●47 ●48 ●49 ▷