

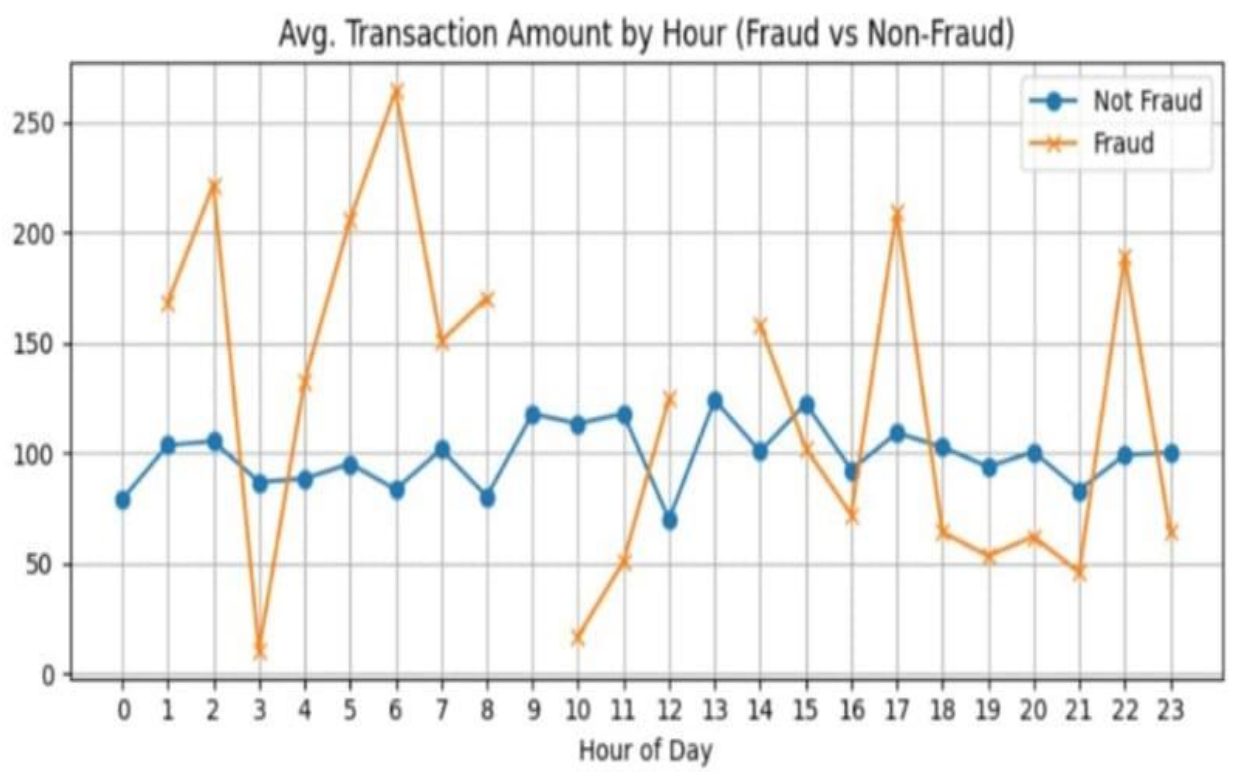
# Output

```

/usr/local/lib/python3.11/dist-packages/sklearn/metrics/_classification.py:1565: UndefinedMetricWarning: Precision is ill-defined and being set to 0.0 in labels with no predicted samples
warn_prf(average, modifier, f'{metric.capitalize()} is', len(result))
/usr/local/lib/python3.11/dist-packages/sklearn/metrics/_classification.py:1565: UndefinedMetricWarning: Precision is ill-defined and being set to 0.0 in labels with no predicted samples
warn_prf(average, modifier, f'{metric.capitalize()} is', len(result))
/usr/local/lib/python3.11/dist-packages/sklearn/metrics/_classification.py:1565: UndefinedMetricWarning: Precision is ill-defined and being set to 0.0 in labels with no predicted samples
warn_prf(average, modifier, f'{metric.capitalize()} is', len(result))
precision recall f1-score support
0 0.88 1.00 0.94 88
1 0.00 0.00 0.00 12
accuracy 0.88 100
macro avg 0.44 0.50 0.47 100
weighted avg 0.77 0.88 0.82 100

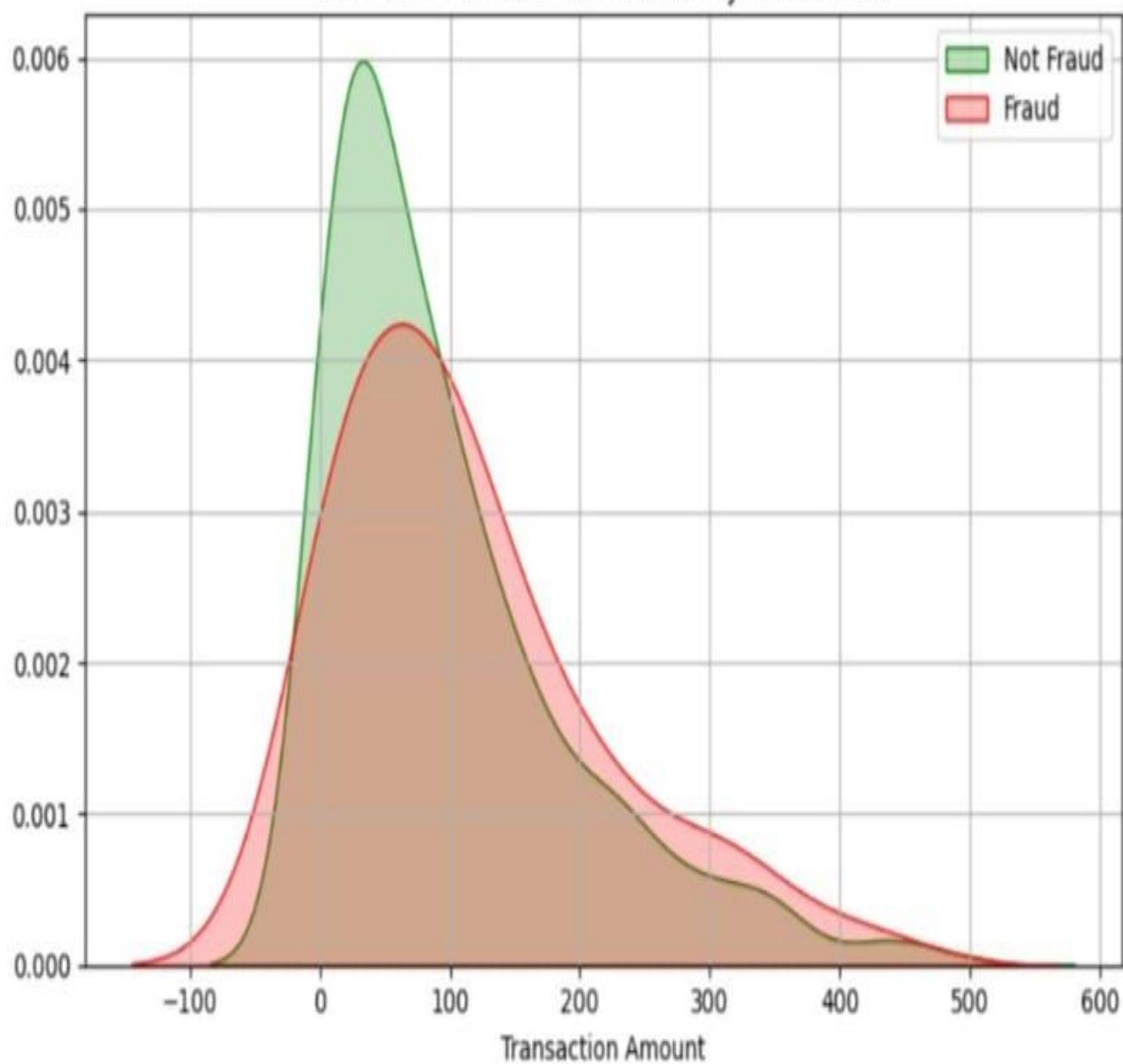
```

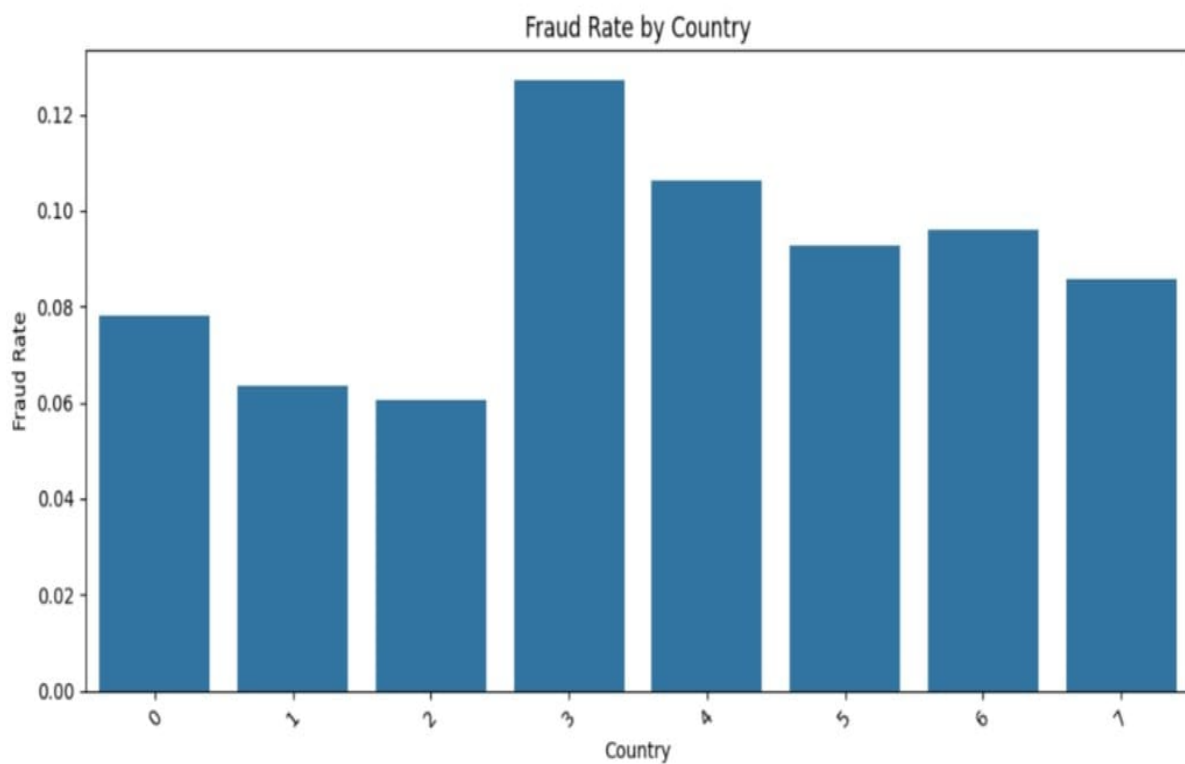
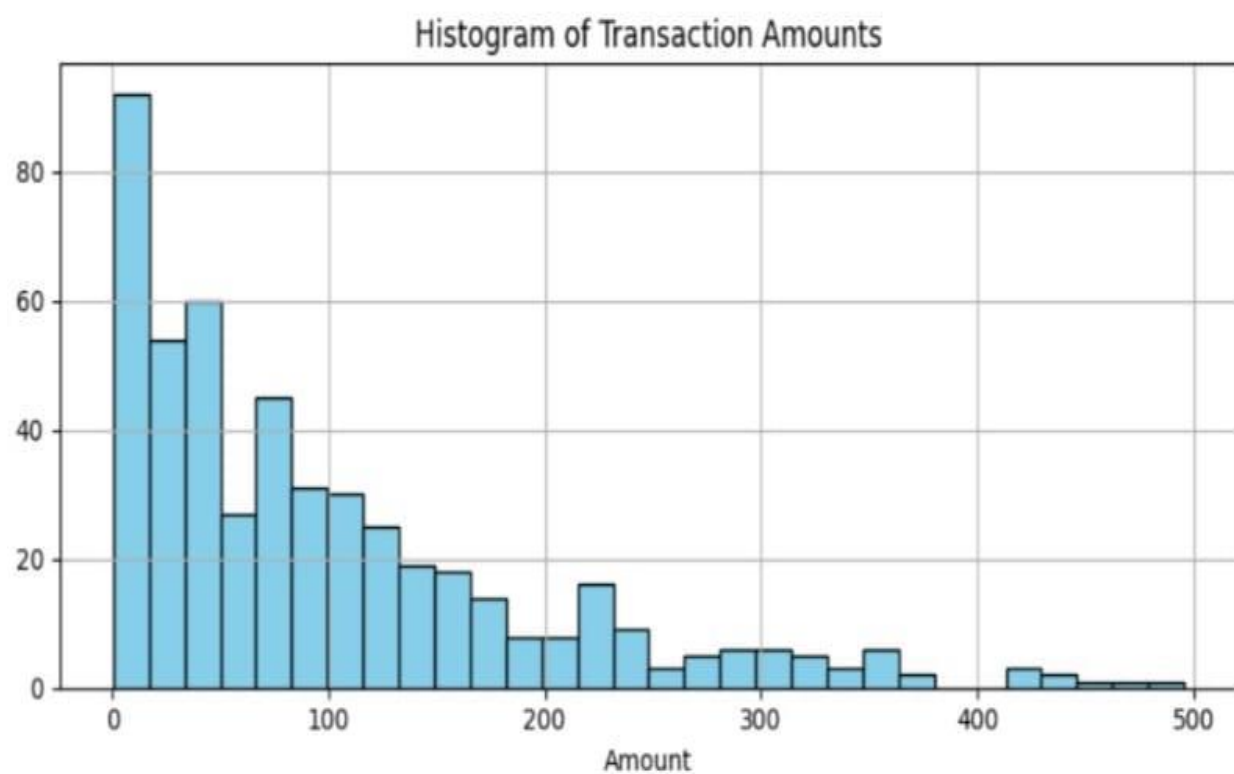
	transaction_id	amount	country	merchant_type	card_present	hour	is_fraud
0	100001	46.93	RUS	travel	0	17	0
1	100002	301.01	BRA	health	1	18	0
2	100003	131.67	USA	health	1	21	0
3	100004	91.29	USA	travel	0	4	0
4	100005	16.96	USA	travel	1	23	0



KDE Plot of Transaction Amount by Fraud Label

KDE Plot of Transaction Amount by Fraud Label





c

Pair Plot

