Goal: Credit card fraud detection using ML

How data will decide whether the person has done fraud in credit card transaction?

The dataset contains transactions made by credit cards in September 2013 by European cardh olders.

This dataset presents transactions that occurred in two days, where we have 492 frauds out of 284,807 transactions. The dataset is highly unbalanced, the positive class (frauds) account for 0.172% of all transactions.

Information about the data:

- Data has 27819 columns and 31 rows.
- Calculated counts of each entry from the respective feature.
- Calculated count of unique entries from the features.

Visualization of categorical Features:

- Plotted distribution of categorical features.

Data Pre-processing:

Handled imbalance output label.

Splitting of Data:

Data is split with a test size of 20%.

Building of Classifier:

Logistic regression is used to make model.