

Fraud Detection Application

Detecting credit frauds with AI
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The Challenge

- Sort through a massive number of transactions the ones that show fraudulent patterns.
- Predicting with an acceptable level of accuracy possible fraudulent operations.

Our Solution

- We have built an AI system with an application that can:
 - Work with a large number of data.
 - Predict possible frauds with accuracy.
 - Prevent money loss.

How It Works

1. Dataset Upload - Start with uploading your dataset.
2. Exploratory Data Analysis (EDA) - Observe the data structure checking for any missing values, outliers or features that can compromise the target variable.
3. Pattern Analysis - try to understand patterns in data and draw insights out of it.
4. Prediction - Based on the conclusions from the previous step, make predictions on the likelihood of fraud.
5. Evaluation of the system for constant improvement of our model.

Business Benefits

- Quick and reliable predictions.
- Affordable and accessible.
- Helps with payment security and prevent money loss.

Use Cases

- Fraud Prevention: By predicting possible frauds and understanding how they are executed, you can avoid them.
- Policy Evaluation: Assessing the impact of fraudulent operations in order to check the viability of accepting credit card payments or not.

Example

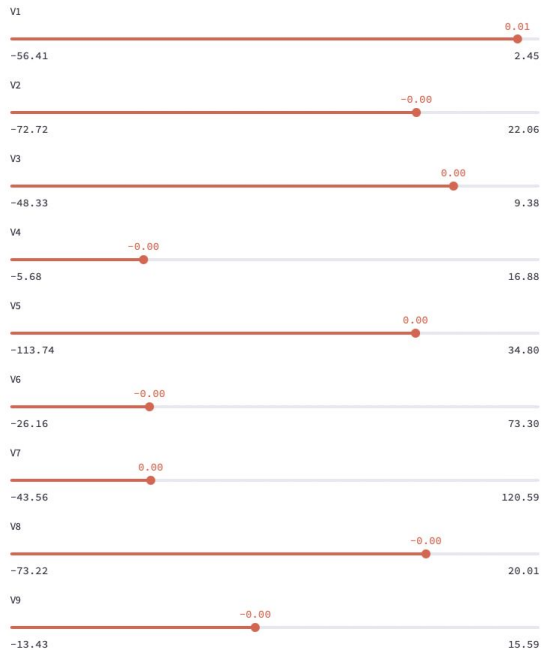
Credit Card Fraud Detector

Set values manually using sliders or use one of the test buttons to fill inputs.

 Set Fraud Example

 Set Legit Example

Input Features



Prediction Result

 This transaction is likely fraudulent.