```
# Install necessary libraries (if not already installed)
!pip install -q seaborn scikit-learn pandas matplotlib

# Import libraries
import pandas as pd
import numpy as np
import seaborn as sns
import matplotlib.pyplot as plt
from sklearn.model_selection import train_test_split
from sklearn.preprocessing import StandardScaler
from sklearn.ensemble import RandomForestClassifier
from sklearn.metrics import accuracy_score, classification_report

# Upload file using Colab's upload tool
from google.colab import files
uploaded = files.upload()

# Assuming the uploaded file is creditcard.csv
df = pd.read_csv('creditcard.csv')

# Preprocessing
df["Amount"] = StandardScaler().fit_transform(df["Amount"].values.reshape(-1, 1))
X = df.drop("Class", axis=1)
y = df["Class"]

# Split data
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.2, stratify=y, random_state=42)

# Model training
model = RandomForestClassifier(n_estimators=100, random_state=42)
model.fit(X_train, y_train)

# Predictions
y_pred = model.predict(X_test)

# Evaluation
print("Accuracy:", accuracy_score(y_test, y_pred))
print(classification_report(y_test, y_pred))
```

Choose files creditcard.csv

- **creditcard.csv**(text/csv) - 23384570 bytes, last modified: 08/05/2025 - 100% done

```
Saving creditcard.csv to creditcard.csv
Accuracy: 0.9993076390491576
              precision    recall  f1-score   support

           0       1.00      1.00      1.00     17302
           1       0.95      0.63      0.76        30

    accuracy                           1.00     17332
   macro avg       0.97      0.82      0.88     17332
weighted avg       1.00      1.00      1.00     17332
```