# Import necessary libraries

import pandas as pd

from sklearn.model\_selection import train\_test\_split

from sklearn.ensemble import RandomForestClassifier

from sklearn.metrics import accuracy\_score, confusion\_matrix

# Load the dataset

data = pd.read\_csv("fraud\_dataset.csv")

# Explore the dataset

print(data.head())

# Preprocess the data (handle missing values, categorical variables, etc.)

# Implement feature engineering if needed

# Split the data into train and test sets

X = data.drop("target\_variable", axis=1)

y = data["target\_variable"]

X\_train, X\_test, y\_train, y\_test = train\_test\_split(X, y, test\_size=0.2, random\_state=42)

# Initialize and train the model (Random Forest Classifier is used here as an example)

model = RandomForestClassifier()

model.fit(X\_train, y\_train)

# Make predictions

predictions = model.predict(X\_test)

# Evaluate the model

accuracy = accuracy\_score(y\_test, predictions)

print("Accuracy:", accuracy)

conf\_matrix = confusion\_matrix(y\_test, predictions)

print("Confusion Matrix:")

print(conf\_matrix)

# Implement further evaluation metrics and hyperparameter tuning as needed