#importing the modules

import numpy as np

#import sklearn python machine learning modules

import sklearn as sk

#import pandas dataframes

import pandas as pd

#import matplotlib for plotting

import matplotlib.pyplot as plt

#import datasets and linear\_model from sklearn module

from sklearn import datasets, linear\_model

#import Polynomial features from sklearn module

from sklearn.preprocessing import PolynomialFeatures

#import train\_test\_split data classification

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

#import ConfusionMatrix from pandas\_ml

from pandas\_ml import ConfusionMatrix

#reading the csv file from C:/Python27

dataframe = pd.read\_csv('C:/Python27/creditcard.csv', low\_memory=False)

#dataframe.sample Returns a random sample of items from an axis of object.

#The frac keyword argument specifies the fraction of rows to return in the random sample, so frac=1 means return all rows (in random order).

# If you wish to shuffle your dataframe in-place and reset the index

dataframe = dataframe.sample(frac=1).reset\_index(drop=True)

#dataframe.head(n) returns a DataFrame holding the first n rows of dataframe.

dataframe.head()

print dataframe