import numpy as np

import pandas as pd

from sklearn.ensemble import RandomForestRegressor

from sklearn.linear\_model import LinearRegression

from sklearn.metrics import accuracy\_score

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

import matplotlib.pyplot as plt

import seaborn as sns

import pandas as pd

import io

df = pd.read\_csv('/content/drive/MyDrive/train.csv')

print(df)

x=df.drop('y', axis=1)

y=df['y']

df.dropna(subset=['x'], inplace=True)

df.dropna(subset=['y'], inplace=True)

print(x)

print(y)

x\_train, x\_test, y\_train, y\_test=train\_test\_split(x,y,test\_size=0.25, random\_state=42)

model\_1 = LinearRegression()

model\_2 = RandomForestRegressor()

model\_1.fit(x\_train,y\_train)

model\_2.fit(x\_train,y\_train)

y\_predict1=model\_1.predict(x\_test)

y\_predict2=model\_2.predict(x\_test)

pred\_final = (y\_predict1+y\_predict2)/2.0

from sklearn.metrics import mean\_squared\_error

print(mean\_squared\_error(y\_test, pred\_final))