PROGRAM 1

import pandas as pd

import matplotlib.pyplot as plt

data={'Year':list(range(2010,2021)),

'Job Postings':[150,300,450,600,800,1200,1600,2100,2700,3400,4200]}

df=pd.DataFrame(data)

plt.plot(df['Year'],df['Job Postings'],marker='o')

plt.title('Trend of Data Science Job Postings')

plt.xlabel('Year')

plt.ylabel('Number of Job Postings')

plt.show()

OUTPUT:

