Description: Use web scraping (e.g., BeautifulSoup) or APIs (e.g., LinkedIn API) to gather data on

the number of data science job postings each year. Use pandas for data manipulation and

matplotlib/seaborn for visualization.

CODE:

import pandas as pd  
import matplotlib.pyplot as plt  
data = {'Year':list(range(2010,2021)),  
        'job posting':[150,300,450,600,800,1200,1600,2100,2700,3400,4200]}  
  
df=pd.DataFrame(data)  
plt.plot(df['Year'],df['job posting'],marker='o')  
plt.title('trend of data science job postings')  
plt.xlabel('year')  
plt.ylabel('number of job postings')  
plt.show()

OUTPUT:

