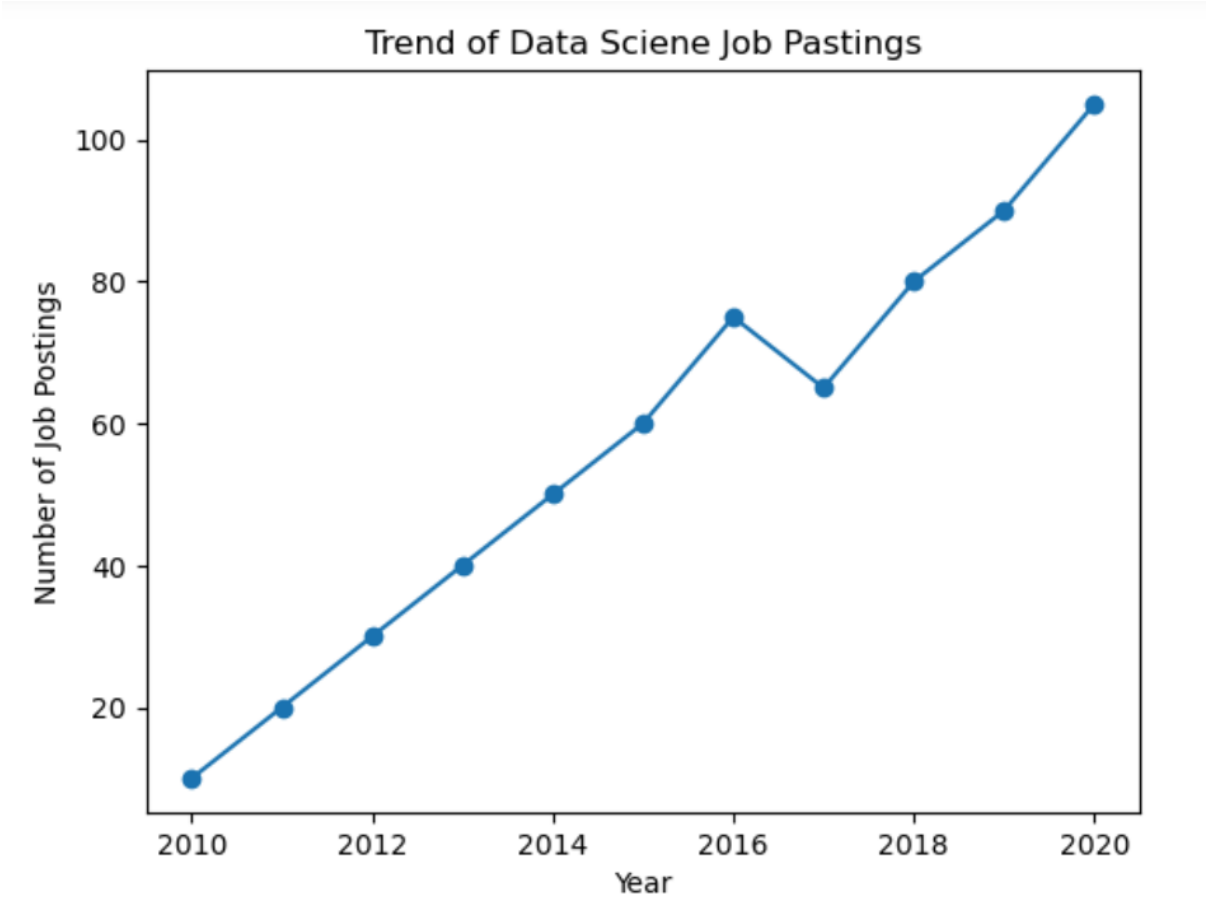
FUNDAMENTALS OF DATA SCIENCE

REG NO : 230701177

Experiment 1.A

Code :

```
import pandas as pd
import matplotlib.pyplot as plt
data={'Year':list(range(2010,2021)), 'Job
Postings':[10,20,30,40,50,60,75,65,80,90,105]}
df=pd.DataFrame(data)
plt.plot(df['Year'],df['Job Postings'],marker='o')
plt.title('Trend of Data Sciene Job Pastings')
plt.xlabel('Year')
plt.ylabel('Number of Job Postings')
plt.show()
```



Experiment 1.B

Code :

```
import matplotlib.pyplot as plt
job=['Data Analyst','Data Engineer','Data Scientist']
data=[200,300,400]
plt.bar(job,data)
plt.title("Distribution of Roles")
plt.xlabel("Roles")
plt.ylabel("Distribution")
plt.show()
```