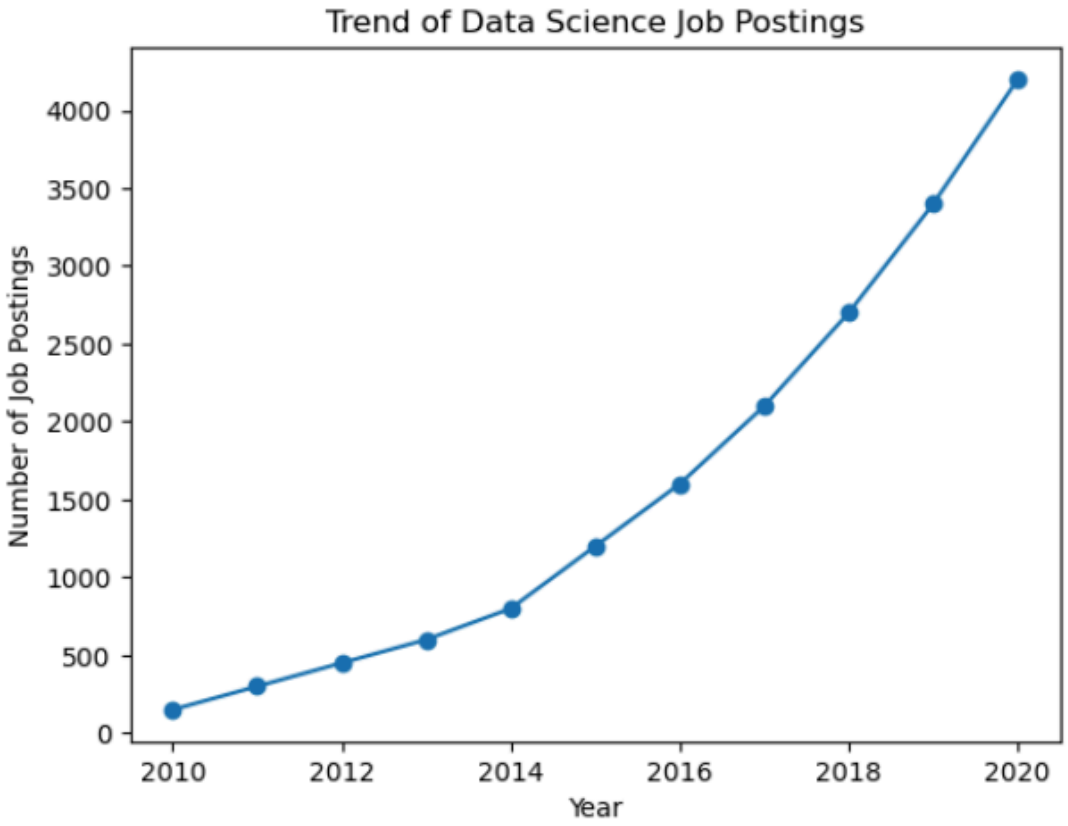
```
 import pandas as pd
structured_data=pd.DataFrame({
    'ID':[1,2,3],
    'Name':['Alice','Bob','Charlie'],
    'Age':[25,30,35]
})
print("Structured_Data: \n",structured_data)
```

```
Structured_Data:
    ID      Name  Age
0   1     Alice   25
1   2       Bob   30
2   3   Charlie   35
```

```python
import pandas as pd
import matplotlib.pyplot as plt
roles=['Data Analyst','Data Engineer','Data Scientist','data collector','junior']
counts=[150,450,360,750,900]
plt.bar(roles,counts,color='orange')
plt.title('Distribution of various data roles')
plt.xlabel('roles')
plt.ylabel('counts')
plt.show()
```

```python
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()
```



```
import matplotlib.pyplot as plt
data=[500,200,100,300]
Position=['Data Scientist','data Analyst','data engineer','CYBER SECURITY']
plt.pie(data,labels=Position)
plt.show()
```