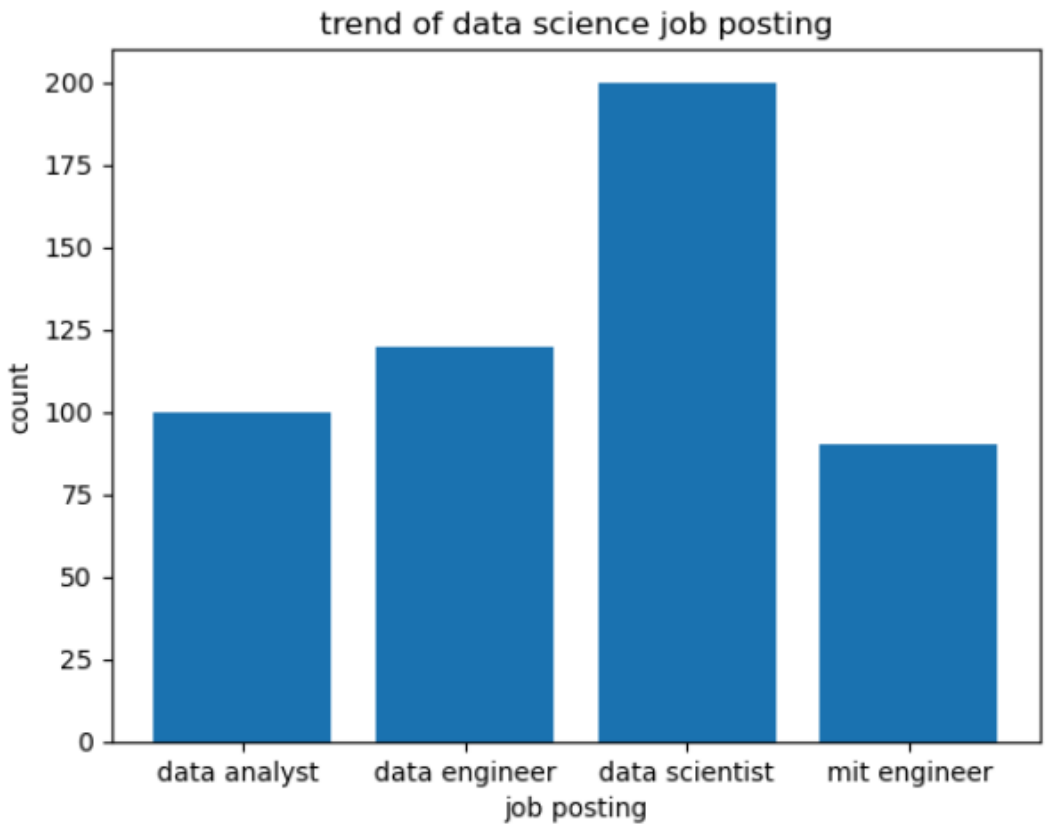
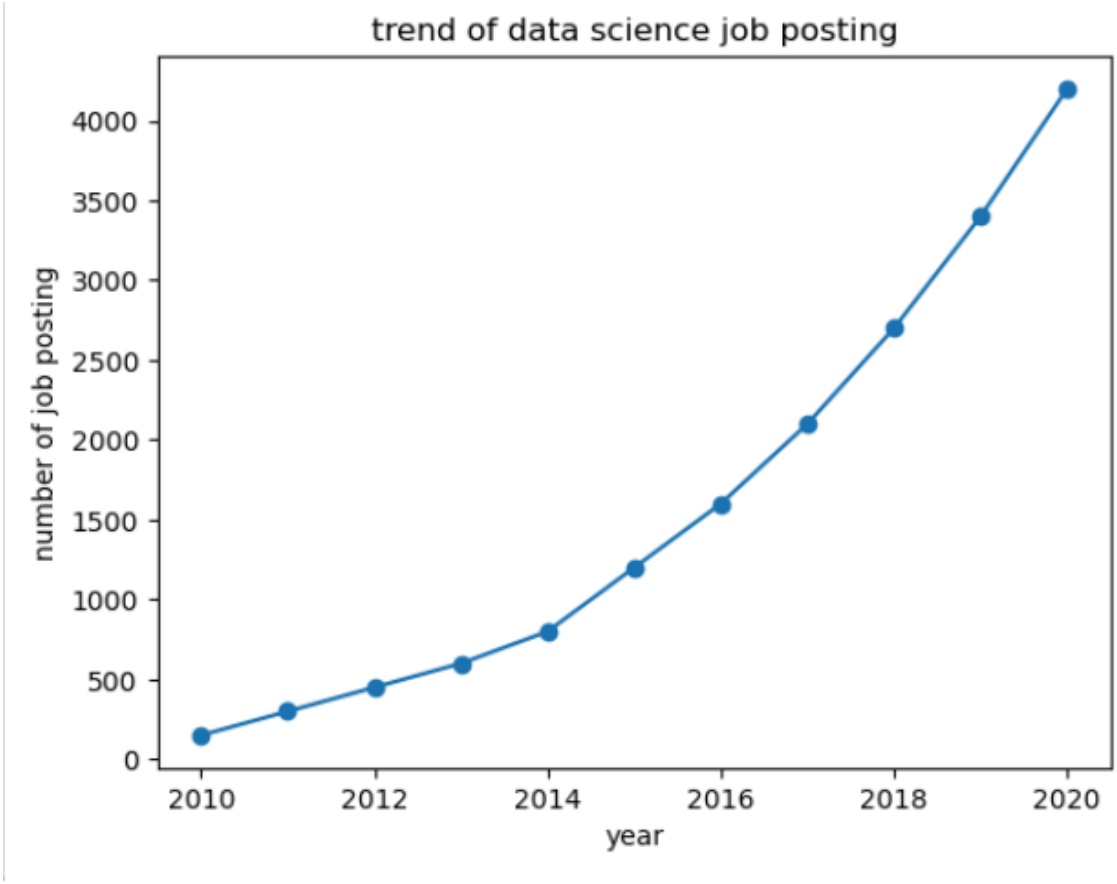
```
import pandas as pd
import matplotlib.pyplot as plt
job =['data analyst ','data engineer','data scientist','mit engineer']
count=[100,120,200,90]
plt.bar(job,count)
plt.title('trend of data science job posting')
plt.xlabel('job posting')
plt.ylabel('count')
plt.show()
```




```
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 posting')
plt.xlabel('year')
plt.ylabel('number of job posting')
plt.show()
```




```
import pandas as pd
import matplotlib.pyplot as plt
df=pd.DataFrame({'ROLES':['DATA ENGINEER','DATA ANALYST','DATA SCIENTISCT'],'POSTINGS':[100,200,300]})
colors = ['orange', 'cyan', 'green']
df.groupby(['ROLES']).sum().plot(kind='pie',y='POSTINGS',autopct='%1.0f%%',colors=colors)
```

```
<Axes: ylabel='POSTINGS'>
```