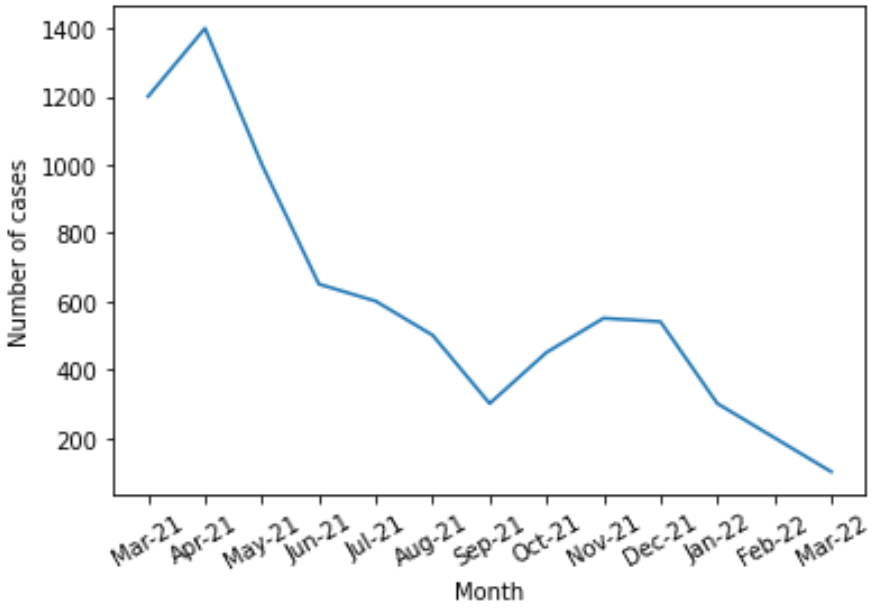
```
import pandas as pd
import matplotlib.pyplot as plt
surat=pd.read_csv("/content/sample_data/Copy of Surat_covid.csv")
surat
```

	Month	Cases
0	Mar-21	1200
1	Apr-21	1400
2	May-21	1000
3	Jun-21	650
4	Jul-21	600
5	Aug-21	500
6	Sep-21	300
7	Oct-21	450
8	Nov-21	550
9	Dec-21	540
10	Jan-22	300
11	Feb-22	200
12	Mar-22	100

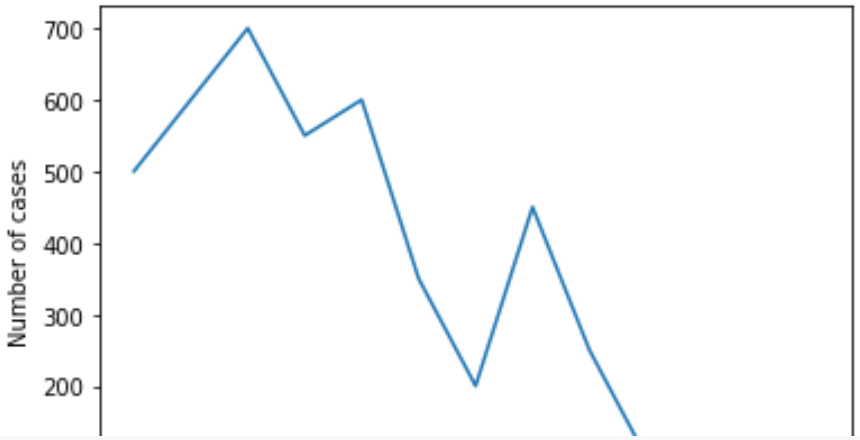
```
plt.plot(surat["Month"],surat["Cases"])
plt.xlabel('Month')
plt.ylabel("Number of cases")
plt.xticks(rotation=30)
plt.show()
```




```
rajkot=pd.read_csv("/content/sample_data/Copy of Rajkot_covid.xlsx.csv")
rajkot
```

	Month	Cases
0	Mar-21	500
1	Apr-21	600
2	May-21	700
3	Jun-21	550
4	Jul-21	600
5	Aug-21	350
6	Sep-21	200
7	Oct-21	450
8	Nov-21	250
9	Dec-21	100
10	Jan-22	90
11	Feb-22	120

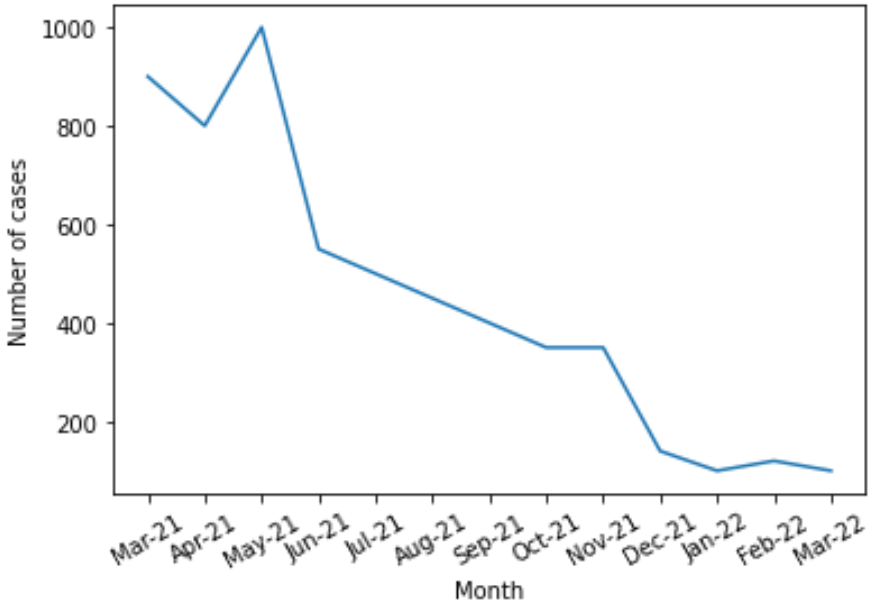
```
plt.plot(rajkot["Month"],rajkot["Cases"])
plt.xlabel('Month')
plt.ylabel("Number of cases")
plt.xticks(rotation=30)
plt.show()
```




```
vadodara=pd.read_csv("/content/sample_data/Copy of Vadodara_covid.csv")
vadodara
```

	Month	Cases
0	Mar-21	900
1	Apr-21	800

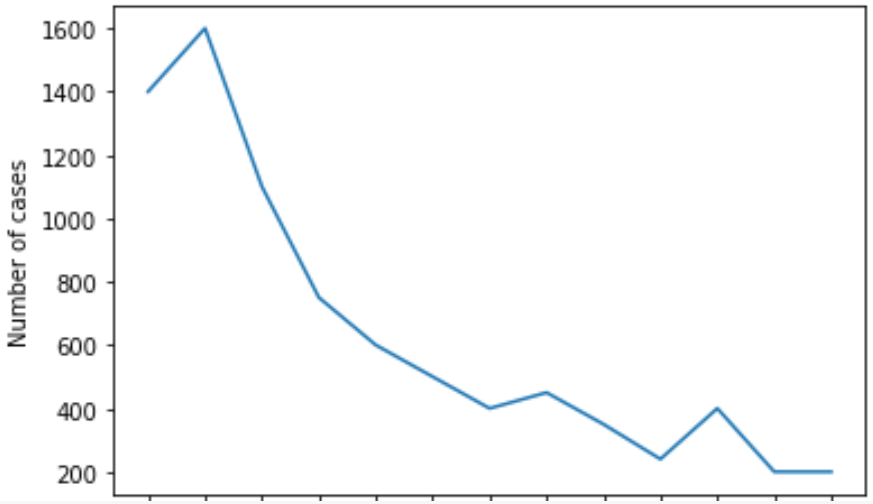
```
plt.plot(vadodara["Month"],vadodara["Cases"])
plt.xlabel('Month')
plt.ylabel("Number of cases")
plt.xticks(rotation=30)
plt.show()
```



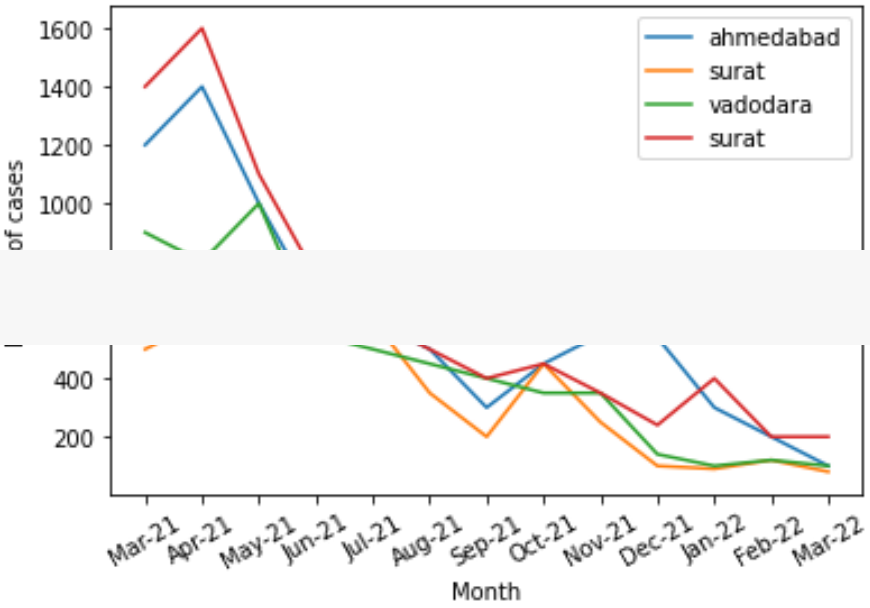

```
ahmedabad=pd.read_csv("/content/sample_data/Copy of Ahmedabad_covid.csv")
ahmedabad
```

	Month	Cases
0	Mar-21	1400
1	Apr-21	1600
2	May-21	1100
3	Jun-21	750
4	Jul-21	600
5	Aug-21	500
6	Sep-21	400
7	Oct-21	450
8	Nov-21	350
9	Dec-21	240
10	Jan-22	400
11	Feb-22	200
12	Mar-22	200

```
plt.plot(ahmedabad["Month"],ahmedabad["Cases"])
plt.xlabel('Month')
plt.ylabel("Number of cases")
plt.xticks(rotation=30)
plt.show()
```




```
plt.plot(surat["Month"],surat["Cases"])
plt.plot(rajkot["Month"],rajkot["Cases"])
plt.plot(vadodara["Month"],vadodara["Cases"])
plt.plot(ahmedabad["Month"],ahmedabad["Cases"])
plt.xlabel('Month')
plt.ylabel("Number of cases")
plt.xticks(rotation=30)
plt.legend(['ahmedabad','surat','vadodara','surat'])
plt.show()
```


ahmedabad
surat
vadodara
surat
1600
1400
1200
1000
400
200
of cases
Mar-21
Apr-21
May-21
Jun-21
Jul-21
Aug-21
Sep-21
Oct-21
Nov-21
Dec-21
Jan-22
Feb-22
Mar-22
Month