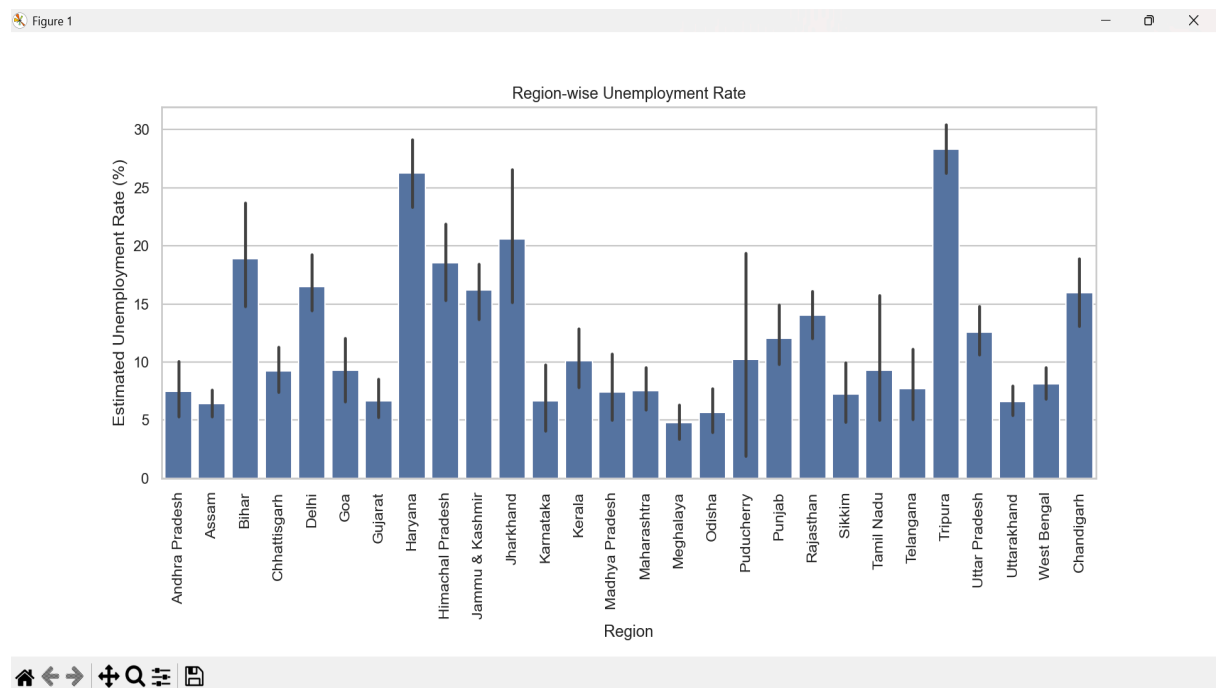
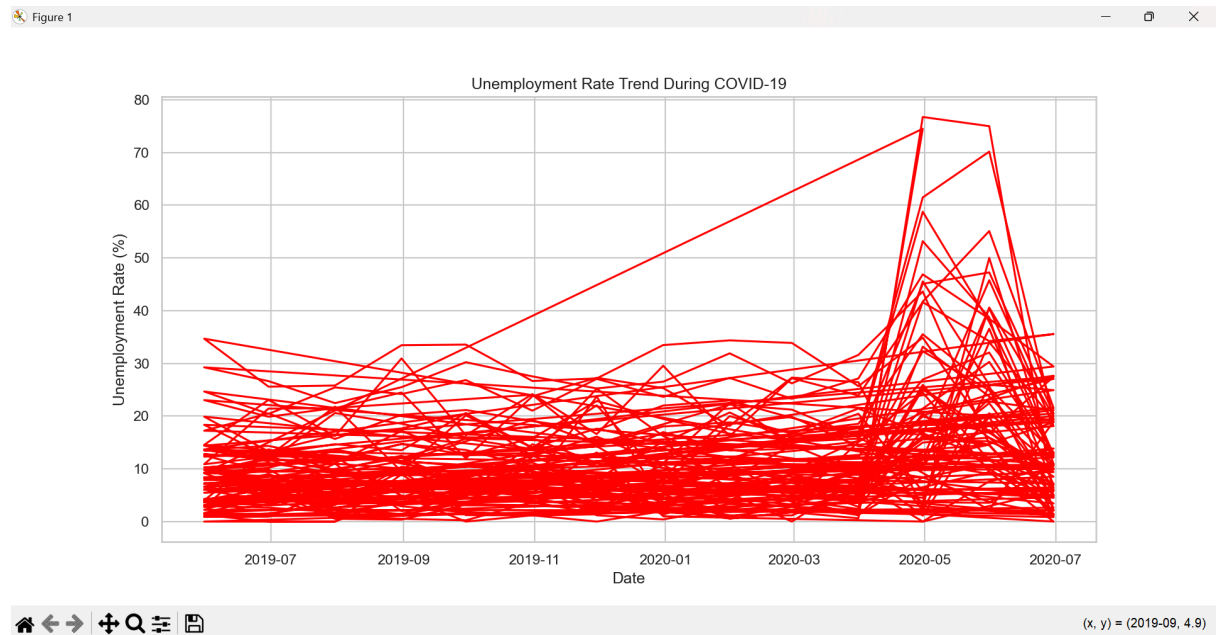
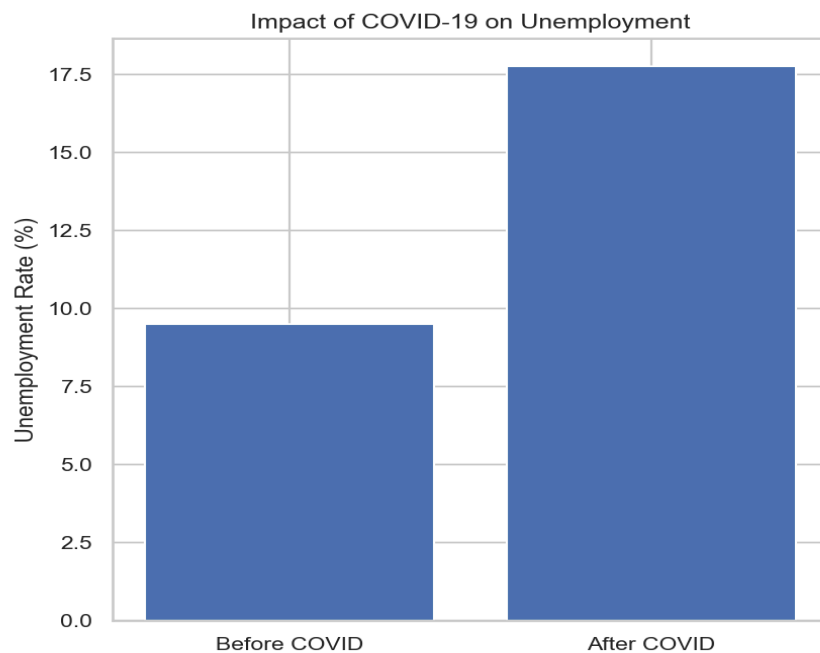


Outputs :





Dataset Preview:

```
   Region ... Area
0  Andhra Pradesh ... Rural
1  Andhra Pradesh ... Rural
2  Andhra Pradesh ... Rural
3  Andhra Pradesh ... Rural
4  Andhra Pradesh ... Rural
```

[5 rows x 7 columns]

Dataset Info:

```
tetime64[us]
 2  Frequency                740 non-null    str
 3  Estimated Unemployment Rate (%)  740 non-null    float64
 4  Estimated Employed            740 non-null    float64
 5  Estimated Labour Participation Rate (%)  740 non-null    float64
 6  Area                        740 non-null    str
```

dtypes: datetime64[us](1), float64(3), str(3)

memory usage: 42.1 KB

None

Average Unemployment Rate:

Before COVID: 9.51

After COVID: 17.77

Conclusion:

- COVID-19 caused a sharp increase in unemployment.
- Lockdown severely affected employment across regions.
- Data analysis helps understand economic impact clearly.

Traceback (most recent call last):

```
File "c:\Users\satish\Desktop\coding\projects\python unemployment_analysis.py", line 81, in <module>
    from sklearn.linear_model import LinearRegression
```

ModuleNotFoundError: No module named 'sklearn'

PS C:\Users\satish\Desktop\coding\projects>