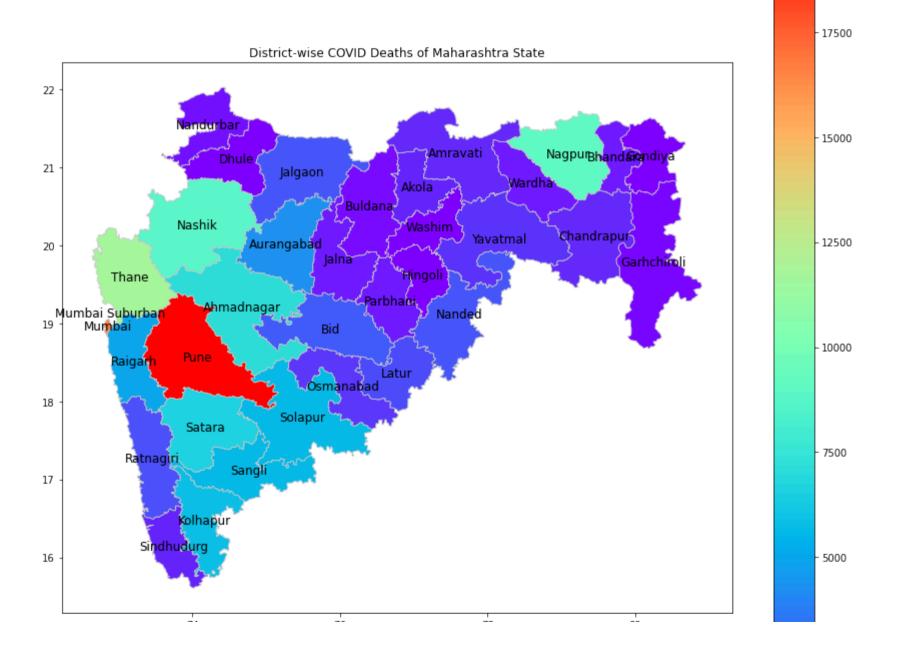
```
Reg. No.: 2347114
        Adv. Python Lab 2
In [ ]: import pandas as pd
        import geopandas as gpd
        import matplotlib.pyplot as plt
        import contextily as ctx
In [ ]: # Shapefile url: https://github.com/HindustanTimesLabs/shapefiles/blob/master/state ut/maharashtra/district/
        # maharashtra district.zip
        # Covid Deaths CSV url: https://www.kagale.com/code/jillanisofttech/covid-19-cases-in-maharashtra-and-visualization/data
        districts = gpd.read file('maharashtra district/maharashtra district.shp')
        deceased = pd.read csv("Maharashtra Latest Covid Cases.csv")
        deceased.drop(columns=['Positive Cases', 'Active Cases', 'Recovered', 'Recovery Rate (%)', 'Fatality Rate (%)'], inplace=True)
        deceased.head()
        merged = districts.merge(deceased, how='left', left on='district', right on='Districts')
        fig, ax = plt.subplots(1, 1, figsize=(15, 15))
        for x, y, label in zip(merged.geometry.centroid.x, merged.geometry.centroid.y, merged['district']):
          ax.text(x, y, label, fontsize=12, ha='center', va='center')
        merged.plot(column='Deceased', cmap='rainbow', linewidth=0.8, ax=ax, edgecolor='0.8', legend=True)
        plt.title("District-wise COVID Deaths of Maharashtra State")
        plt.show()
       C:\Users\daara\AppData\Local\Temp\ipykernel 4780\1816373158.py:14: UserWarning: Geometry is in a geographic CRS. Results from
       'centroid' are likely incorrect. Use 'GeoSeries.to crs()' to re-project geometries to a projected CRS before this operation.
         for x, y, label in zip(merged.geometry.centroid.x, merged.geometry.centroid.y, merged['district']):
```

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