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### **# OIBASIB TASK03**

#### **Unemployment analysis with python**

Features :Analyze the unemployment rates, employment, and labor participation for different states and regions.

Visualize the unemployment rates through various plots and charts.

Compare the average unemployment rates before and after the lockdown.

Explore the impact of lockdown on employment in different states.

Deployed as a web application using Streamlit for a better user interface.

Dataset :The dataset used for this analysis is available in the data.csv file. It contains information about unemployment rates, employment, labor participation, and other relevant factors for different states and regions.

Project Structure :app.py

data.csv

requirements.txt

Unemployment in India.csv

Unemployment\_Rate\_upto\_11\_2020.csv

README.md Feel free to explore the repository and run the project locally.

Additional Notes : In this project, I performed an in-depth analysis of unemployment rates using Python as part of the data science internship at Oasis Infobyte. I explored various visualizations to understand the trends and patterns in unemployment data. The project includes descriptive statistics, heat maps, box plots, bar plots, scatter plots, and geographical plots to gain insights into the impact of lockdown on employment.