This program provides an \*interactive graphical user interface (GUI) for analyzing unemployment data\* using \*Python's Tkinter\*. It allows users to load a dataset dynamically and visualize unemployment trends through different plots.

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**Key Features:**

**1. User-Friendly Interface:**

The program opens a Tkinter window where users can interact with buttons instead of running code manually.

**2. Dataset Loading:**

Users can click the "Load Dataset" button to select a CSV file.

Displays basic dataset information (number of rows and columns).

**3. Unemployment Trends Visualization:**

"Plot Unemployment Trend"generates a line graph showing how the unemployment rate changes over time.

**4. Regional Unemployment Distribution:**

"Plot Region Unemployment" creates a bar chart comparing unemployment rates across different regions.

**5. Correlation Heatmap:**

"Plot Correlation Heatmap" visualizes relationships between numerical features using a heatmap.

**6. Error Handling:**

If the dataset lacks required columns or is not loaded, appropriate error messages are displayed to guide users.

**How It Works:**

When the program starts, a Tkinter window appears with labeled buttons.

Users select a dataset using the "Load Dataset" button.

Clicking different buttons generates respective plots using \*Matplotlib\* and \*Seaborn\*.