

Grafana Assignment

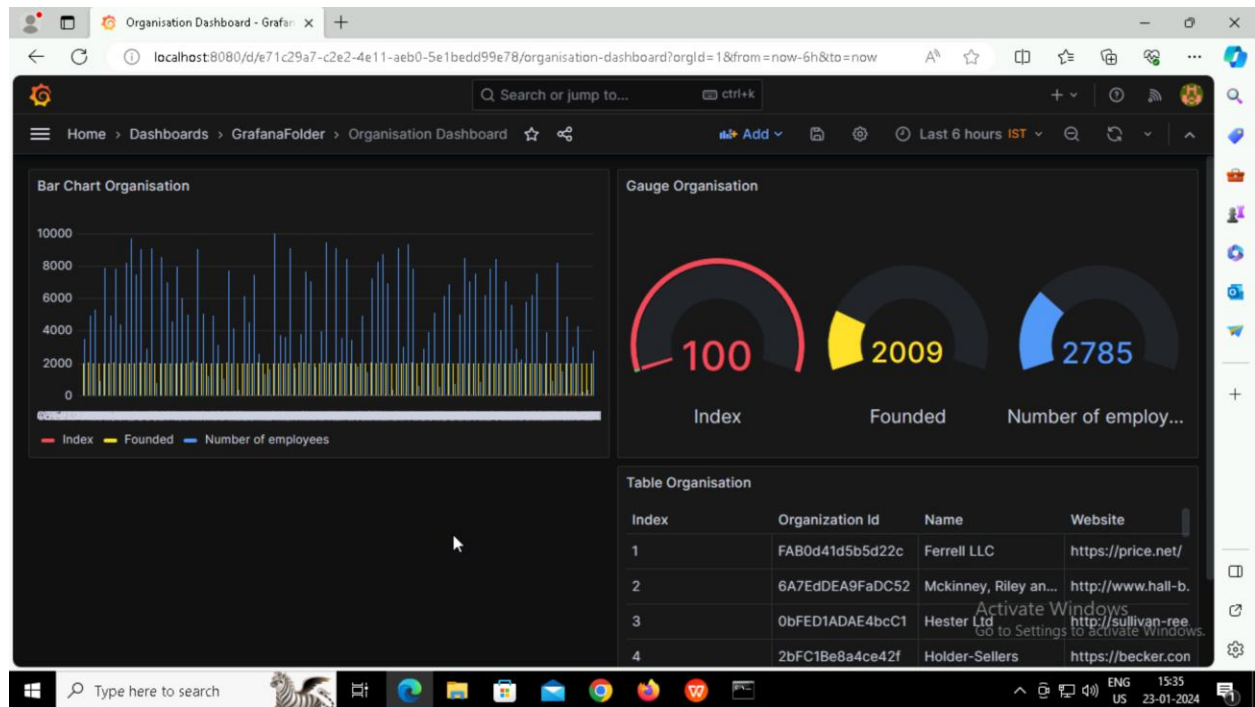


Table Panel:

Visualization Type: Table

Explanation: The table panel displays raw data in tabular form. It can show detailed information about organizations, including names, locations, and other relevant details from the CSV file.

Gauge Panel:

Visualization Type: Gauge

Explanation: This panel visualizes a single metric using a gauge. It could represent a key performance indicator (KPI) such as the total revenue or number of employees for a specific organization.

Bar Graph Panel:

Visualization Type: Bar Chart

Explanation: A bar graph panel might be used to compare specific metrics, such as the number of organizations in different regions or industries.

Challenges Faced

Data Source Configuration:

Challenge: Initially, configuring the CSV data source to point to the provided file posed a challenge. Ensuring the correct path and format for the CSV file was essential for successful integration.

Solution: I carefully reviewed the documentation for adding a CSV data source in Grafana and verified the file path and format. Once I corrected these details, the data source integration was successful.

Panel Configuration and Customization:

Challenge: Configuring and customizing each panel to represent different visualization types required a good understanding of Grafana's options and settings. Deciding on the most suitable visualizations for the given data presented its own set of challenges.

Solution: I spent time exploring the available visualization options in Grafana and experimented with different configurations for each panel. Consulting the Grafana documentation and community forums helped me gain insights into best practices for specific visualization types.