| Date	24 June 2025
Team ID	LTVIP2025TMID50685
Project Name	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Find the best tech solution to solve existing business problems.

- Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.

- Define features, development phases, and solution requirements.

- Provide specifications according to which the solution is defined, managed, and delivered.
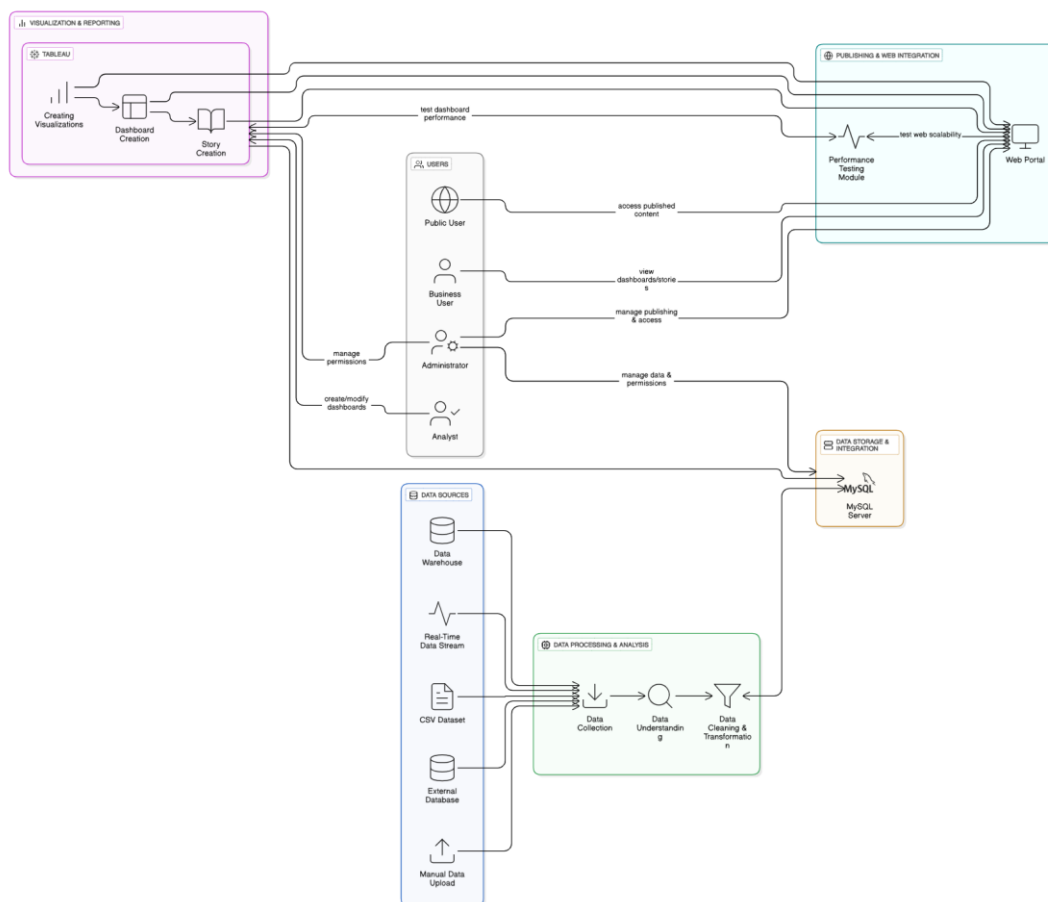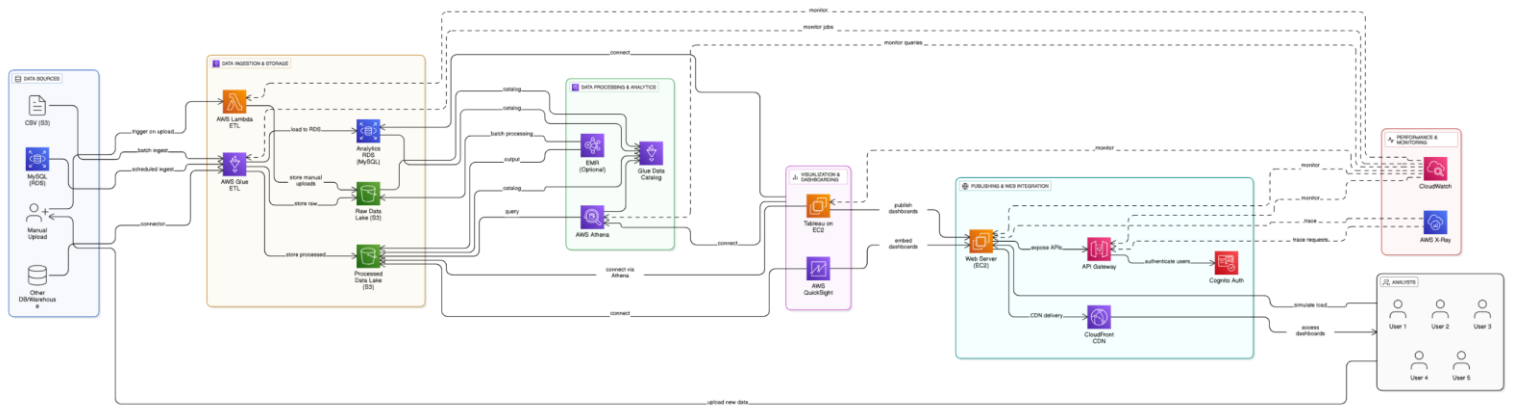
This solution architecture represents a comprehensive data pipeline that begins with data acquisition from multiple structured and unstructured sources, followed by an ETL process that handles cleaning, validation, and metadata generation. The cleaned data is stored securely in a centralized data warehouse with access control and versioning. It then moves through a transformation layer where it is aggregated, enriched, and normalized for analysis. The processed data is visualized through dashboards and custom visualizations using tools like Tableau, and is published via web integrations and APIs for stakeholder consumption. A feedback loop ensures continuous updates and data refreshes, enabling informed decision-making for diverse user personas such as economists, analysts, and policymakers.