

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	23 June2025
Team ID	LTVIP2025TMID51876
Project Name	Measuring the Pulse of Prosperity: An index of Economic Freedom Analysis using Tableau
Maximum Marks	4 Marks

Functional Requirements: -

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Data Import	Load index_of_economic_freedom.csv into Tableau
FR-2	Filtering & Interaction	Enable filters for year, region, country, and prosperity indicators
FR-3	Visualization Generation	Display charts: maps, bar, scatter, donut, correlation plots
FR-4	Comparison Feature	Show relationships between freedom score and GDP, inflation, unemployment
FR-5	Export/Download	Allow export of dashboards to PDF or images from Tableau Public
FR-6	Dynamic Dashboard	Provide interactive dashboards for custom exploration of country metrics

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Dashboard should be clean, intuitive, and usable by both students and analysts
NFR-2	Security	Hosted securely on Tableau Public, with no sensitive data exposure
NFR-3	Reliability	Dashboards must work consistently without crash or data loss
NFR-4	Performance	Visuals should render in under 3 seconds for standard data size
NFR-5	Availability	Published dashboards should be accessible 24/7
NFR-6	Scalability	Capable of handling added countries, indicators, and yearly data growth