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

Date	29 June, 2025
Team ID	LTVIP2025TMID49302
Project Name	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis
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	Dashboard Interactivity	Region filter, Income Group toggles and Clustering views.
FR-2	Data Storytelling	Captions and annotations for each visualization sheet.
FR-3	Summarization	Country-level summary cards and optional "Freedom forecast" visualization.
FR-4	Comparative Analysis Tools	Multi-country comparison and indicator tracking across time.
FR-5	Responsive Design	Mobile and Desktop compatibility for diverse device access.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Simple, intuitive dashboard navigation with contextual hints
NFR-2	Security	Hosted on secure Tableau Public; input data reviewed for integrity and transparency
NFR-3	Reliability	Consistent performance across filters and views
NFR-4	Performance	Fast data rendering even under complex multi-filter queries
NFR-5	Availability	Accessible 24/7 via Tableau Public or GitHub-linked embedding
NFR-6	Scalability	Supports year-over-year expansion with minimal re-engineering