Project Design Phase-II
Technology Stack

Date	4 July 2025
Team ID	LTVIP2025TMID49622
Project Name	Measuring The Pulse Of Prosperity: An Index Of Economic reedom Analysis
Maximum Marks	4 Marks

component	Tool/technology	purpose
Data Collection	Kaggle, IMF, World Bank API, Heritage Foundation	Source of economic freedom indicators and metrics.
Data Cleaning & Processing	Python (Pandas, NumPy), Jupyter Notebook	Data transformation, wrangling, null removal, and analysis.
Database	MySQL or PostgreSQL	Structured storage of cleaned datasets.
Visualization	Tableau / Power BI / Looker Studio	Interactive dashboards and visual representation.

backend (optional)	Flask or Django (Python)	For serving data and managing user interactions (if needed).
Frontend (optional)	HTML, CSS, JavaScript, Bootstrap	If building a custom web portal/dashboard.

Technology stack :

This Is the technology stack used in development of Measuring The Pulse Of Prosperity: An Index Of Economic freedom Analysis tales data analytics project :

Version Control	Git, GitHub	Collaborative code and data version tracking.
Deployment	Tableau Public GitHub Pages, or Heroku	For sharing dashboards and reports with stakeholders.