

Measuring the pulse of prosperity: An Index of Economic Freedom Analysis

DATE	28-02-2026
TEAM ID	LTVIP2026TMIDS89054
PROJECT NAME	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis
MAXIMUM MARKS	4 MARKS

Chapter - 5

Project Planning & Scheduling

5.1 - Project Milestones & Tasks

Data Collection

Objective: Gather high-quality, relevant data required for the project.

Tasks:

- Identify reliable data sources (databases, APIs, web scraping, surveys, etc.)
- Collect structured and unstructured data
- Ensure data relevance and completeness
- Store data in a centralized database or storage system
- Maintain data documentation for reference

Deliverables:

- Raw dataset
- Data source documentation
- Data storage setup

Data Pre-Processing

Objective: Clean and prepare the data for model training and analysis.

Tasks:

- Remove duplicates and handle missing values
- Handle outliers and inconsistent data
- Data normalization or scaling

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- Feature engineering and selection
- Encode categorical variables
- Split dataset into training and testing sets

Deliverables:

- Cleaned dataset
- Feature-engineered dataset
- Preprocessing scripts

Web Integration

Objective: Integrate API into a web-based user interface.

Tasks:

- Design user-friendly frontend interface
- Connect frontend to backend API
- Display model predictions dynamically
- Implement input validation
- Perform end-to-end testing
- Deploy web application

Deliverables:

- Fully functional web application
- User interface design
- Live deployment link (if applicable)

