**Project Planning Phase**

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| **Date** | 19-06-2025 |
| **Team ID** | LTVIP2025TMID48223 |
| **Project Name** | Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis |
| **Maximum Marks** | 5 marks |

## Introduction

Economic freedom is the fundamental right of every human to control his or her own labor and property. In an economically free society, individuals are free to work, produce, consume, and invest in any way they please. In economically free societies, governments allow labor, capital, and goods to move freely, and refrain from coercion or constraint of liberty beyond the extent necessary to protect and maintain liberty itself.  
  
For much of human history, most individuals have lacked economic freedom and opportunity, condemning them to poverty and deprivation.  
  
Today, we live in the most prosperous time in human history. Poverty, sicknesses, and ignorance are receding throughout the world, due in large part to the advance of economic freedom. In 2022, the principles of economic freedom that have fueled this monumental progress are once again measured in the Index of Economic Freedom, an annual guide published by The Heritage Foundation, Washington's No. 1 think tank.  
  
We measure economic freedom based on 12 quantitative and qualitative factors, grouped into four broad categories, or pillars, of economic freedom:  
  
• Rule of law (property rights, government integrity, judicial effectiveness)  
• Government size (government spending, tax burden, fiscal health)  
• Regulatory efficiency (business freedom, labor freedom, monetary freedom)  
• Open markets (trade freedom, investment freedom, financial freedom)

## Overview: Key Concepts

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| --- | --- |
| **Term** | **Description** |
| Sprint | A fixed time-boxed iteration (typically 5 days) during which a set of prioritized analytics tasks are completed. |
| Epic | A large feature or analytics deliverable that is too extensive to complete in a single sprint. |
| User Story | A user-focused task or analytic feature that delivers value. It breaks down an Epic into manageable parts. |
| Story Points | An estimation unit to measure the complexity and effort of a task, usually using the Fibonacci sequence (1, 2, 3, 5, 8...). This reflects task complexity, not time duration. |

## Sprint Planning Table – 5 Days Per Sprint

### Sprint 1 – Data Collection & Preparation

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| --- | --- | --- | --- | --- |
| **Day** | **Task** | **Story Points** | **Type** | **Notes** |
| 1 | Collect data for 12 indicators across 4 pillars | 3 | Data Sourcing | Sources include Heritage Foundation datasets, World Bank |
| 2 | Clean, normalize, and preprocess data | 4 | Data Cleaning | Handle missing data, align year-wise indicators |
| 3 | Design analytical data model schema | 2 | Data Modeling | Create relational structure for dashboard compatibility |
| 4 | Create Tableau extracts and joins | 3 | ETL Development | Utilize Tableau Prep/SQL |
| 5 | Sprint review + issue resolution | - | QA | Verify data integrity, finalize schema |

Total Story Points (Sprint 1): 12

### Sprint 2 – Dashboard Development & Automation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Day** | **Task** | **Story Points** | **Type** | **Notes** |
| 1 | Build economic freedom score dashboard | 4 | Dashboard Design | Display overall index and country-wise comparison |
| 2 | Implement filters by region, income group, pillar | 3 | UX Enhancement | Interactive insights by dimension |
| 3 | Create pillar-wise drill-down visualizations | 3 | Data Visualization | Rule of Law, Gov Size, Regulation, Open Markets |
| 4 | Automate report generation for updates | 2 | Automation | Scheduled Tableau Server report distribution |
| 5 | Sprint review and usability testing | - | QA | Ensure visual and functional clarity |

Total Story Points (Sprint 2): 12