

## Data Collection and Preprocessing Phase

Date	7 March 2025
Team ID	Prakriti Gupta (Individual Project)
Project Title	Measuring the pulse of prosperity :An Index Of Economic Freedom Analysis
Maximum Marks	2 Marks

### Data Collection Plan Template

Section	Description
Project Overview	The project analyzes the <b>Economic Freedom Index</b> across various countries, examining its correlation with economic indicators like <b>GDP growth, inflation, unemployment, and financial freedom</b> . The goal is to identify trends and insights that highlight the impact of economic freedom on prosperity.
Data Collection Plan	The dataset was sourced from <b>The Heritage Foundation</b> and <b>World Bank Open Data</b> , covering global economic indicators. Data was collected in <b>CSV format</b> and processed using <b>Jupyter Notebook, MySQL Workbench, and Tableau</b> for analysis and visualization.
Raw Data Sources Identified	<p><b>Heritage Foundation (2022 Economic Freedom Index)</b> → Includes country-wise scores based on financial, business, trade, and monetary freedom.</p> <p><b>World Bank Open Data</b> → Provides economic indicators like <b>GDP growth rate, inflation, and unemployment rates</b>.</p> <p><b>Manual Data Cleaning &amp; Preprocessing</b> → Additional transformations were applied in MySQL to structure the data properly before analysis in Tableau.</p>