

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	3 Marks

Data Quality Report Template

Data Source	Data Quality Issue	Severity	Resolution Plan
Dataset	Missing values in financial indicators (GDP Growth, Inflation Rate)	High	Used mean imputation for minor gaps; for critical data points, cross-checked with World Bank sources.
Dataset	Inconsistent country names (e.g., "United States", "USA")	Moderate	Standardized country names using reference mapping.
Dataset	Duplicate entries for some countries in different years	Moderate	Removed duplicates based on unique country-year pairs
Dataset	Extreme inflation values (e.g., Venezuela) skewing visualizations	High	Applied log transformation to normalize data distribution.
Dataset	Currency values not standardized across datasets	High	Converted all monetary values to USD using exchange rates from the dataset.
Dataset	Datatype mismatch (numeric values stored as text)	Moderate	Converted columns to appropriate datatypes in MySQL before importing to Tableau