

ProjectDevelopmentPhase Model Performance Test

Date	26June2025
TeamID	LTVIP2025TMID50794
ProjectName	MeasuringthePulseofProsperity:AnIndex of Economic Freedom Analysis using Tableau
Maximummarks	

ModelPerformanceTesting:-

Projectteamshallfillthe followinginformationinmodel performancetestingtemplate.

S.N o.	Parameter	Screenshot/Values
1.	DataRendered	- TotalRows:184 - Columns:32 - Fileused:index_of_economic_freedom.csv - RenderedfromTableauDataSourcetab)
2.	DataPreprocessing	- Cleanednullvalues - FilteredforYear=2022 - Renamedandreformattedkeycolumns(e.g.,GDP, Score) - Joinedmultipleeconomicindicatorsmanually
3.	UtilizationofFilters	Filtersappliedto: • Year • Region • EconomicIndicators(e.g.,GDP,Inflation,Unemployment) Filters shown on dashboards and visual sheets

4.	CalculationfieldsUsed	- -Createdcalculatedfields: • GDPGrowthBucket • ProsperityCategory(basedonIndexScore) • Region-wisecoreaverage
5.	Dashboarddesign	No.ofVisualizations/Graphs-10 1. EconomicFreedomMap 2. Top40CountriesbyIndex 3. Bottom40Countries 4. IndexvsUnemployment 5. FinancialFreedomTreeMap 6. PopulationBarChart 7. GDPGrowthGanttChart 8. InflationAreaChart 9. Inflation vsUnemployment 10. GDP(PPP)vsMonetaryFreedom No. Of Dashboards - 3
6	StoryDesign	NoofVisualizations/Graphs-1 - Storyincludes7scenariocharts - Organizedinto3dashboards - Storyincludestransitionacrossregionalandindicator-based scenarios

ScreenshotofDataSource:-

The screenshot shows the Tableau Desktop Public Edition interface. The main view displays a table of data for the 'index_of_economic_freedom' data source. The table has 7 columns: Country id, Country Name, Region, World Rank, Region Rank, 2022 Score, and Property Rights. The data is sorted by Country id, showing the top 14 countries.

Country id	Country Name	Region	World Rank	Region Rank	2022 Score	Property Rights
1	Algeria	Asia-Pacific	0	0	0.0000	0.000
2	Albania	Europe	50	20	66.0000	55.300
3	Algeria	Middle East and North Africa	367	18	49.8000	25.900
4	Angola	Sub-Saharan Africa	139	39	52.6000	39.800
5	Argentina	Americas	144	27	50.3000	35.100
6	Armenia	Europe	58	14	65.3000	50.400
7	Australia	Asia-Pacific	22	4	77.0000	81.700
8	Austria	Americas	22	10	73.8000	96.400
9	Azerbaijan	Europe	75	37	61.0000	52.000
10	Bahamas	Americas	38	6	68.7000	61.100
11	Bahrain	Middle East and North Africa	74	4	62.0000	65.900
12	Bangladesh	Asia-Pacific	127	38	52.7000	36.300
13	Barbados	Americas	39	4	75.0000	72.400

The bottom status bar shows various filters: Data Source, Index based on unemployment, Index based on Financial Freedom, Index based on population, Index score based on 5 year, Inflation rate in different countries, Correlation between inflation, and Correlation between GDP/PPP.

Screenshot of Dashboard with Filters:-



