**Project Development Phase**

**Model Performance Test**

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| Date | 16/06/2025 |
| Team ID | LTVIP2025TMID49412 |
| Project Name | Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis |
| Maximum Marks |  |

**Model Performance Testing:**

Project team shall fill the following information in model performance testing template.

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| **S.**  **No.** | **Parameter** | **Screenshot / Values** |
|  | Data Rendered | Dataset includes multiple countries and their Economic Freedom indicators like Business Freedom, Trade Freedom, Fiscal Health, Government Integrity, and Overall Index Score. |
|  | Data Preprocessing | Missing values handled through filtering; country names standardized; year field extracted where necessary; calculated fields like “Average Index” or “Category Rank” created. |
| 3. | Utilization of Filters | |  | | --- | |  | |  |   Filters added for:  • Inflation rate in different countries • Region  • Economic Freedom Score Range  • Specific Indicators (checkbox or dropdown) |
| 4. | Calculation fields Used | • Inflation range from >=10% to 122  • Bottom Ranking countries in the index • Top 40 Ranking Countries in the index |
| 5. | Dashboard design | No of Visualizations / Graphs – 11   * 2022 Economic Freedom Score * Top 40 Ranking Countries in the index * Bottom ranking Countries in the index * Index Score based on unemployment Rate * Index Score based on Financial Problem * Index Score based on 5 year on GDP Growth rate(%) * Inflation rate in different countries * Correlation between inflation and unemployment * Correlation between GDP(PPP) and Monetary Freedom * Top 40 countries by GDP Growth rate |
| 6 | Story Design | No of Visualizations / Graphs -11   * 2022 Economic Freedom Score * Top 40 Ranking Countries in the index * Bottom ranking Countries in the index * Index Score based on unemployment Rate * Index Score based on Financial Problem * Index Score based on 5 year on GDP Growth rate(%) * Inflation rate in different countries * Correlation between inflation and unemployment * Correlation between GDP(PPP) and Monetary Freedom * Top 40 countries by GDP Growth rate |