**Project Development Phase**

**Model Performance Test**

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| Date | 1 July 2025 |
| Team ID | LTVIP2025TMID60823 |
| Project Name | Edututor AI; Personalized Learning with Generating AI And LMS Integration |
| Maximum Marks |  |

### **Model Performance Testing Template**

| **S.No.** | **Parameter** | **Screenshot / Values** |
| --- | --- | --- |
| 1 | **Data Rendered** | - Provide a screenshot of the final rendered data model/dashboard.  - Mention number of records, tables, or any aggregation level (e.g., "5 tables joined", "1 million records"). |
| 2 | **Data Preprocessing** | - Describe the steps taken before the model runs (e.g., removing nulls, normalization, data type conversions).  - Include sample scripts or Power Query steps if using Power BI. |
| 3 | **Utilization of Data Filters** | - List all filters used (slicers, report/page/visual-level filters).  - Explain how these filters affect model performance.  - Include screenshots of filter configurations if possible. |
| 4 | **DAX Queries Used** | - Provide examples of important DAX queries/measures created.  - Include formulas for calculated columns, measures, KPIs, etc.  - Optionally, mention query performance times or optimizations used. |

### Example Entry (Optional Reference)

| **S.No.** | **Parameter** | **Screenshot / Values** |
| --- | --- | --- |
| 1 | Data Rendered | Screenshot of Power BI dashboard; ~1.2M rows across 6 tables aggregated by region/year |
| 2 | Data Preprocessing | Removed duplicates, filled nulls, normalized product categories using Power Query |
| 3 | Utilization of Data Filters | Report-level filters on year (2022–2024); slicers on region and product category |
| 4 | DAX Queries Used | Total Sales = SUM(Sales[Amount])  YoY Growth = ([This Year] - [Last Year]) / [Last Year] |

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