**Project Development Phase**

**Model Performance Test**

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| Date | 20 June 2025 |
| Team ID | LTVIP2025TMID59165 |
| Project Name | Citizen AI – Intelligent Citizen Engagement Platform |
| Maximum Marks |  |

**Model Performance Testing:**

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| **S.No.** | **Parameter** | **Screenshot / Values** |
|  | Data Rendered | CSV files and citizen queries were loaded successfully using Flask and pandas. |
|  | Data Preprocessing | Removed missing data, converted dates into readable format, and normalized text for chatbot input. |
| 3. | Utilization of Data Filters | |  | | --- | |  |  |  | | --- | | Applied filters like date range, sentiment type (positive/negative), and user category (student, farmer, etc.). | |
| 4. | DAX Queries Used | DAX not used (Power BI not implemented). Instead, used Python Pandas queries for data grouping and summaries. |
| 5. | Dashboard design | No of Visualizations / Graphs - 4 (Sentiment Pie Chart, Query Type Bar Chart, Usage Over Time, User Profile Summary). |
| 6 | Report Design | No of Visualizations / Graphs -2 (User Feedback Summary, Issue Category Trend Over Time). |