**Project Development Phase**

**Model Performance Test**

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| Date | 23 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 | Loaded cleaned citizen interaction data (CSV/JSON) into dashboard using Python Flask and Pandas. |
|  | Data Preprocessing | Removed missing values, converted dates, normalized case and text (e.g., all lowercase), filtered noise. |
| 3. | Utilization of Filters | Filters applied by: Query type, Date range, User category (student, farmer), Sentiment (positive/negative). |
| 4. | Calculation fields Used | Calculated Sentiment Score, Average Response Time, Category-wise Query Count, Daily Query Trends. |
| 5. | Dashboard design | No of Visualizations / Graphs - 5 (Sentiment Pie Chart, Query Type Bar, Time Trends, Response Count, Word Cloud). |
| 6 | Story Design | No of Visualizations / Graphs -2 (Storyline of user query trends over time and resolution outcomes). |