**Project Development Phase**

**Model Performance Test**

| Date | 25 June 2025 |
| --- | --- |
| Team ID | LTVIP2025TMID31478 |
| Project Name | Sustainable Smart City Assistant Using IBM granite LLM |
| Maximum Marks | 4 marks |

**Model Performance Testing:**

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

| **S.No.** | **Parameter** | **Screenshot / Values** |
| --- | --- | --- |
|  | Data Rendered | Air Quality Index: 65  Energy Consumption: 12.4 kWh |
|  | Data Preprocessing | Used to show UI/UX or design concepts |
| 3. | Utilization of Filters | Filter: Last 7 Days | 📍 Location: Sector 12 |  | 📁 Resource: Water | 🏢 Usage Type: Residential |  ---------------------------------------------------------  | 📈 Avg Daily Use: 4,200 L/day |  | 🚱 Leak Alerts: None |  | 💧 Peak Usage: 6:30 AM – 8:00 AM |
| 4. | Calculation fields Used | ---------------------------------------------------------------  | Filters: Resource = Energy | Time = This Month | Location = Sector 4  ---------------------------------------------------------------  | ✅ Calculation Filter: [✓] Average [✓] Peak Usage [ ] CO₂ Saved  ---------------------------------------------------------------  | ⚡ Avg Daily Use: 15.3 kWh  | 🔺 Peak Usage: 28.7 kWh on June 22  ---------------------------------------------------------------  | Chart: Energy usage over the month (Bar Graph)  ---------------------------------------------------------------  | [Export Report] [Change Filters] |
| 5. | Dashboard design | Energy Efficiency Dashboard with Calculation Filterssualizations / Graphs - |
| 6 | Story Design | Water Usage & Savings View Visualizations / Graphs - |