# Project Development Phase — Model Performance Test

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| Date | 15 june 2025 |
| Team ID | LTVIP2025TMID32074 |
| Project Name | Sustainable Smart City using IBM Granite |
| Maximum Marks |  |

## Model Performance Testing

Project team shall fill the following information in the model performance testing template based on actual implementation.

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| S.No. | Parameter | Screenshot / Values |
| 1 | Data Rendered | Model outputs were rendered as text responses from Hugging Face API using the IBM Granite 3.3-2B model. These include smart city suggestions, eco-tips, and policy ideas. |
| 2 | Data Preprocessing | Basic cleaning steps: trimming whitespace, validating non-empty input, and formatting outputs. No heavy data wrangling required. |
| 3 | Utilization of Filters | Implemented input topic-based filters in code (e.g., energy, waste, water). No frontend filter interface was used. |
| 4 | Calculation Fields Used | Not Applicable – no numerical or metric-based fields were calculated as output was purely textual. |
| 5 | Dashboard Design | No. of Visualizations / Graphs: 0 Interface was a simple Streamlit layout with input box, submit button, and response area. |
| 6 | Story Design | No. of Visualizations / Graphs: 0 No BI storytelling or chart-based design was used; the project was conversational AI based. |