**Project Development Phase**

**Model Performance Test**

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| Date | 01 June 2025 |
| Team ID | LTVIP2025TMID60014 |
| Project Name | Health ai: intelligent healthcare assistant using ibm granite |
| Maximum Marks |  |

**Model Performance Testing:**

Here is the completed table with our test details.

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| S.No. | Parameter | Screenshot / Values |
| 1 | Data Rendered | We uploaded 1000 patient records with columns like Age, Gender, Symptoms, Diagnoses, and Lab Results. |
| 2 | Data Preprocessing | We handled missing values by replacing them with averages, changed text to numbers for categories, and removed outliers using IQR method. |
| 3 | Utilization of Data Filters | We used filters on Age, Gender, and Disease Type to check patterns easily. |
| 4 | DAX Queries Used | We used these DAX queries: - TotalPatients = COUNT(PatientID) - AvgAge = AVERAGE(PatientAge) - DiseaseCount with FILTER(). |
| 5 | Dashboard Design | We created 6 charts: pie chart for disease split, bar chart for symptom frequency, line chart for patient visits trend, heatmap for symptom connections, gauge chart for prediction confidence, and a table for details. |
| 6 | Report Design | We added 4 visuals in the report: summary of the project, key numbers, AI predictions, and suggestions for next steps. |