Project Development Phase
Performance Test

Date	10 February 2026
Team ID	LTVIP2026TMIDS24884
Project Name	Heart Disease Analysis
Maximum Marks	

Model Performance Testing:

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

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	Dataset includes 500+ patient records with columns: Patient ID, Age, Sex, Blood Pressure, Cholesterol, Max Heart Rate, Exercise Induced Angina, Risk Score. Screenshot: Table preview in Tableau showing full dataset.
2.	Data Preprocessing	Missing values handled, outliers removed, categorical variables encoded (Sex: M/F), numeric columns normalized. Screenshot: Tableau Prep view or Tableau data pane showing cleaned data.
3.	Utilization of Filters	Filters applied for Age range, Gender, Cholesterol level, Blood Pressure. Users can slice data interactively. Screenshot: Dashboard showing active filters and updated visualizations.
4.	Calculation fields Used	Calculated fields used for Risk Score: Risk_Score = 0.3*Age + 0.2*Cholesterol + 0.25*BP + 0.25*Max_Heart_Rate. Screenshot: Calculated field panel with preview of applied formula.
5.	Dashboard design	No of Visualizations / Graphs – 6 Graphs include: Risk Score Distribution, Age vs Risk Scatter, Cholesterol vs Risk, BP vs Risk, Gender-wise Risk Pie Chart, Max Heart Rate Histogram. Screenshot: Full dashboard layout with all charts visible.
6	Story Design	No of Visualizations / Graphs – 4 Graphs included in story: Risk Score Summary, Top 10 High-Risk Patients Table, Ag Gender-wise Risk Pie Chart. Screenshot: Story layout in Tableau showing navigatio