

Functional & Performance Testing Template

Model Performance Test

Date	18 February 2026
Team ID	LTVIP2026TMIDS39871
Project Name	Heart Disease Analysis
Maximum Marks	3 Marks

Test Scenarios & Results

Test Case ID	Scenario (What to test)	Test Steps (How to test)	Expected Result	Actual Result	Pass/Fail
FT-01	Database Connection	Connect MySQL database to Tableau	Successful database connection established	Connected Successfully	Pass
FT-02	SQL Query Execution	Run SELECT queries for filtering heart disease data	Correct filtered dataset returned	As Expected	Pass
FT-03	Visualization Rendering	Load charts in Tableau dashboard	Charts display correct data without errors	As Expected	Pass
FT-04	Dashboard Filter Functionality	Apply filters (Age, Gender, BMI, Smoking)	Dashboard updates dynamically based on filter	Working Properly	Pass
FT-05	Flask Web Integration	Open Flask app and load embedded Tableau dashboard	Dashboard loads inside web page	As Expected	Pass
PT-01	Dashboard Load Time	Open dashboard and measure load time	Dashboard loads within 3–5 seconds	Within Limit	Pass
PT-02	Multiple Filter Usage	Apply multiple filters simultaneously	System handles filtering without lag	Stable	Pass
PT-03	Deployment Test	Access deployed application through browser	Application loads and works correctly online	Working	Pass

