

Functional & Performance Testing Template

Model Performance Test

Date	13 March 2025
Team ID	PNT2025TMID02756
Project Name	Power BI Inflation Analysis: Journeying Through Global Economic Terrain.
Maximum Marks	

Test Scenarios & Results

Test Case ID	Scenario (What to test)	Test Steps (How to test)	Expected Result	Actual Result	Pass/Fail
FT-01	Text Input Validation (e.g., topic, job title)	Enter valid and invalid text in input fields	Valid inputs accepted, errors for invalid inputs	Valid inputs accepted , errors displayed correctly	Pass
FT-02	Number Input Validation (e.g., inflation rate range)	Enter numbers within and outside the valid range	Accepts valid values, shows error for out-of-range	Accepted valid values, errors for invalid values	Pass
FT-03	AI-Driven Insights Generation	Provide complete inputs and check generated insights	Correct insights generated based on input data	Accurate insights generated	Pass
FT-04	Power BI AI Feature Check (Smart Narratives, Key Influencers)	Ensure AI-generated insights match data trends	AI features generate insights matching dataset	AI-driven insights align with data	Pass
PT-01	Response Time Test	Use a timer to check Power BI AI insight generation time	Should be under 3 seconds	Generated insights in 2.5 seconds	Pass

PT-02	Dashboard Load Speed Test	Open Power BI and measure the time taken to load dashboard visuals	Dashboard should load in under 5 seconds	Dashboard loaded in 4.2 seconds	Pass
PT-03	File Upload Load Test (e.g., CSV data import)	Upload multiple CSV files and check processing speed	Should work smoothly without crashing	All files uploaded without issue	Pass