

Project Development Phase
Model Performance Test

Date	10 February 2025
Team ID	PNT2025TMID04678
Project Name	Global Food Production Trends And Analysis A Comprehensive Study From 1961 To 2023 Using Power BI
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	Total food production data for different regions (e.g., crop yield, livestock count, fishery output).
2.	Data Preprocessing	Data cleaning (removal of missing values), normalization of production units (e.g., tons, kilograms), and categorization (grains, dairy, meat, seafood).
3.	Utilization of Data Filters	Filters applied based on region, time period, production type (organic/conventional), and commodity (wheat, rice, poultry, etc.).
4.	DAX Queries Used	DAX queries used for calculating total production, year-over-year growth, average yield per hectare, and production efficiency.
5.	Dashboard design	No of Visualizations / Graphs - 5 (Bar chart for crop production, Pie chart for livestock distribution, Line graph for production trends, Heatmap for regional output, KPI cards for total output)
6	Report Design	No of Visualizations / Graphs -3 (Summary table of production statistics, Trend analysis chart, Comparison chart by country/region)