Project Development Phase
Model Performance Test

Date	10 February 2025
Team ID	PNT2025TMID02661
Project Name	Predicting Plant Growth Stages with Environmental and Management Data 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	Crop growth dataset loaded successfully with 10,000+ records including soil moisture temperature ,and humidity data
2.	Data Preprocessing	Data cleaned and values handled duplicate records removed ,data formats standardized
3.	Utilization of Data Filters	Application filters for plant type, region and weather condition to refine growth stage prediction
4.	DAX Queries Used	Created custom DAX measures :Avg growth Rate, Predicated Harvest Time and Optimal Water Usage
5.	Dashboard design	No of Visualizations :5
6	Report Design	No of Visualizations :3