Project Development Phase
Performance Test

Date	10 February 2026
Team ID	LTVIP2026TMIDS52600
Project Name	Introduction to Smart Sorting – Transfer Learning for Identifying Rotten Fruits and Vegetables
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	Imported dataset into Tableau (CSV/Image metadata file). Total Records: 2,000+ Fields: Image_ID, Category (Fresh/Rotten), Fruit_Type, Prediction, Accuracy Score. Data successfully displayed in Data Source tab.
2.	Data Preprocessing	Removed null values, renamed columns, changed data types (String → Dimension, Numeric → Measure), created calculated fields for Accuracy and Prediction Count.
3.	Utilization of Filters	Applied filters for: - Category (Fresh / Rotten) - Fruit/Vegetable Type - Prediction Result - Accuracy Range Interactive filters added to dashboard.
4.	Calculation fields Used	- **Total Images:** COUNT COUNT([Image_ID]) - **Fresh Count:** COUNT(IF [Category] = "Fresh" THEN 1 END) - **Rotten Count:** (IF [Category] = "Rotten" THEN 1 END) - **Accuracy %:** SUM([Correct Predictions]) / SUM([Total Predictions])
5.	Dashboard design	No. of Visualizations – 5 - Bar Chart (Fresh vs Rotten) - Pie Chart (Class Distribution) - KPI Card (Accuracy %) - Confusion Matrix Table - Training vs Validation Accuracy Line Chart
6	Story Design	No. of Visualizations – 4 - Performance Summary Sheet - Precision & Recall Table - Accuracy Trend Graph - Final Prediction Summary Table