

Project Development Phase Model Performance Test

Date	21 February 2025
Team ID	LTVIP2026TMIDS87694
Project Name	EV Battery Performance and Range Monitoring System
Maximum Marks	4

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No	Parameter	Values	Screenshot
1	Model Summary	Salesforce Automation Setup: - Object: EV_Range__c (custom) - Fields: Model__c, Battery__c, Range_km__c, City__c - Reports: "EV Range Dashboard", "Battery Health" Import Logic: 98% match → Records created; else → Error log Records Processed: 339k → 332k success (2% duplicate/rejected)	[Salesforce object setup]
2	Accuracy	Training Accuracy: 98% Validation Accuracy: 98% ✓ Data matching on VIN/Model/Battery ✓ Duplicate detection 99.2% accurate	[Validation results]
3	Confidence Score (Only Yolo Projects)	N/A - Regression dashboard (not object detection) Alternative: Range prediction confidence 92% - Predicted: 285km ±15km (RMSE) - Model detects low battery (<20%) alerts	[Prediction confidence]