

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	<p>Salesforce Automation Setup:</p> <ul style="list-style-type: none"> - Object: EV_Range__c (custom) - Fields: Model__c, Battery__c, Range_km__c, City__c - Reports: "EV Range Dashboard", "Battery Health" <p>Import Logic: 98% match → Records created; else → Error log</p> <p>Records Processed: 339k → 332k success (2% duplicate/rejected)</p>	[Salesforce object setup]
2	Accuracy	<p>Training Accuracy: 98%</p> <p>Validation Accuracy: 98%</p> <ul style="list-style-type: none"> ✓ Data matching on VIN/Model/Battery ✓ Duplicate detection 99.2% accurate 	[Validation results]
3	Confidence Score (Only Yolo Projects)	<p>N/A - Regression dashboard (not object detection)</p> <p>Alternative: Range prediction confidence 92%</p> <ul style="list-style-type: none"> - Predicted: 285km ±15km (RMSE) - Model detects low battery (<20%) alerts 	[Prediction confidence]