

Acceptance Testing UAT Execution & Report Submission

Date	15 February 2025
Team ID	LTVIP2026TMIDS47424
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	4 Marks

1. Purpose of Document

The purpose of this document is to summarize the User Acceptance Testing (UAT) results for the project “Visualization Tool for Electric Vehicle Charge and Range Analysis.”

This report provides details about test coverage, defect status, and overall system readiness before final submission.

The objective of UAT was to ensure that:

- SQL data processing works correctly
- Tableau dashboards display accurate insights
- All visualizations load properly
- Filters and interactive elements function as expected
- Web integration loads successfully in browser
- Tableau Public dashboard and story embed correctly
- Navigation bar links function properly

2. Defect Analysis

During testing, minor issues were identified and resolved. No critical defects were found.

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
Fixed	0	1	2	1	4
Duplicate	0	0	1	0	1
Not Reproduced	0	0	1	0	1
Skipped	0	0	0	1	1
Total	0	1	4	2	7

- Severity 1 (Critical): 0
- Severity 2 (Major): 1
- Severity 3 (Minor): 4
- Severity 4 (Cosmetic): 2

During UAT, one major issue was identified where dashboard filters were not synchronizing properly across sheets. This was resolved by adjusting filter actions in Tableau.

Minor issues included formatting alignment and label overlap in visualizations, which were corrected before final deployment.

All major issues were resolved before final deployment.

3. Test Case Analysis

This report shows the number of test cases that have passed, failed, and untested

Module	Total Cases	Not Tested	Fail	Pass
Data Import (MySQL)	5	0	0	5
Data Cleaning & Transformation	6	0	1	5

Charging Infrastructure Map	4	0	0	4
Brand & Model Visualization	4	0	0	4
Performance & Efficiency Charts	4	0	0	4
Dashboard Integration	3	0	0	3
Story Presentation	2	0	0	2
Web Interface & Navigation	3	0	0	3