

Problem – Solution Fit Template

Date	17 February 2026
Team ID	LTVIP2026TMIDS69068
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	2 Marks

1. CUSTOMER SEGMENTS (CS)

- Business organizations
- Managers & decision-makers
- Data analysts & students
- Sales & marketing teams
- Small and medium enterprises (SMEs)

6. CUSTOMER CONSTRAINTS (CC)

- Lack of data analysis skills
- Difficulty in handling large datasets
- Limited knowledge of tools like Tableau/SQL
- Time-consuming manual reporting
- Data integration issues

5. AVAILABLE SOLUTIONS (AS)

- Excel-based reports
- Manual data analysis
- Basic charts and spreadsheets
- Traditional reporting methods
- Limited BI tools

2. JOBS-TO-BE-DONE / PROBLEMS (J&P)

- Analyze business data efficiently
 - Identify trends and patterns
 - Make data-driven decisions
 - Track KPIs and performance
 - Convert raw data into meaningful insights
-

9. PROBLEM ROOT CAUSE (RC)

- Poor data organization
 - Lack of visualization tools
 - Limited technical expertise
 - Inefficient reporting systems
 - Data silos across departments
-

7. BEHAVIOUR (BE)

- Users rely on Excel for analysis
 - Businesses generate periodic reports manually
 - Teams struggle to interpret complex data
 - Increasing interest in dashboards
 - Learning tools like Tableau gradually
-

3. TRIGGERS (TR)

- Need for faster decision-making
 - Increasing data volume
 - Demand for real-time insights
 - Competitive business environment
 - Digital transformation trends
-

10. YOUR SOLUTION (SL)

- Build interactive dashboards using Tableau
 - Integrate data from multiple sources (SQL, Excel)
 - Provide real-time data visualization
 - Create user-friendly reports
 - Enable better decision-making through insights
-

8. CHANNELS OF BEHAVIOUR (CH)

8.1 ONLINE

- Tableau dashboards
- Company portals
- Data analytics platforms
- Online training (YouTube, courses)

8.2 OFFLINE

- Business meetings
 - Reports & presentations
 - Training sessions
 - Workshops
-

4. EMOTIONS: BEFORE / AFTER (EM)

Before:

- Confusion with raw data
- Stress due to manual work
- Lack of clarity in decisions

After:

- Confidence with insights
- Faster decision-making
- Satisfaction with clear visual reports

