

## 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)
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### 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
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### 5. AVAILABLE SOLUTIONS (AS)

- Excel-based reports
  - Manual data analysis
  - Basic charts and spreadsheets
  - Traditional reporting methods
  - Limited BI tools
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## **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
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## **9. PROBLEM ROOT CAUSE (RC)**

- Poor data organization
  - Lack of visualization tools
  - Limited technical expertise
  - Inefficient reporting systems
  - Data silos across departments
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## **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
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## **3. TRIGGERS (TR)**

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

