Ideation Phase
Brainstorm & Idea Prioritization Template

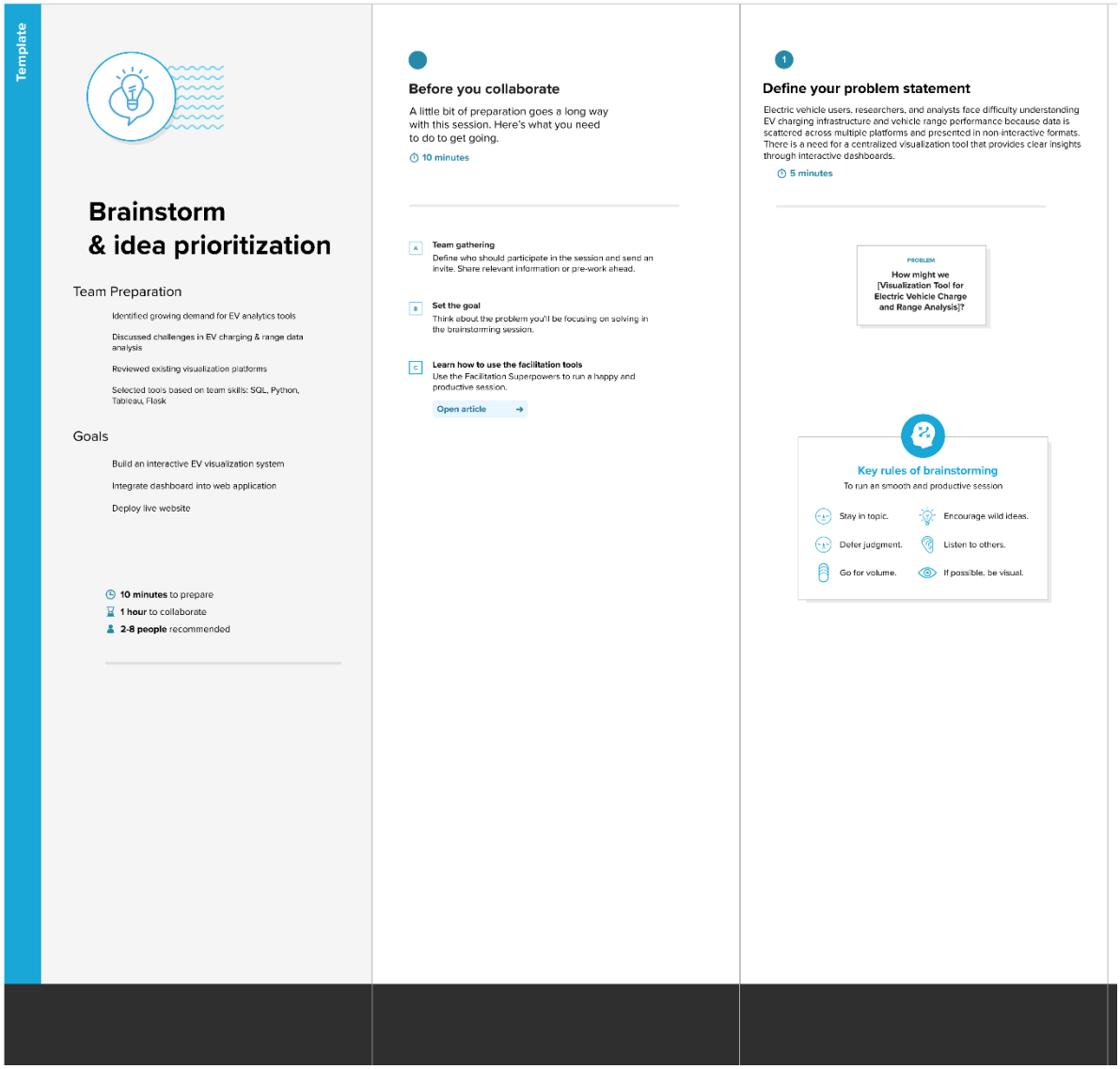
Date	4 February 2026
Team ID	LTVIP2026TMIDS91295
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

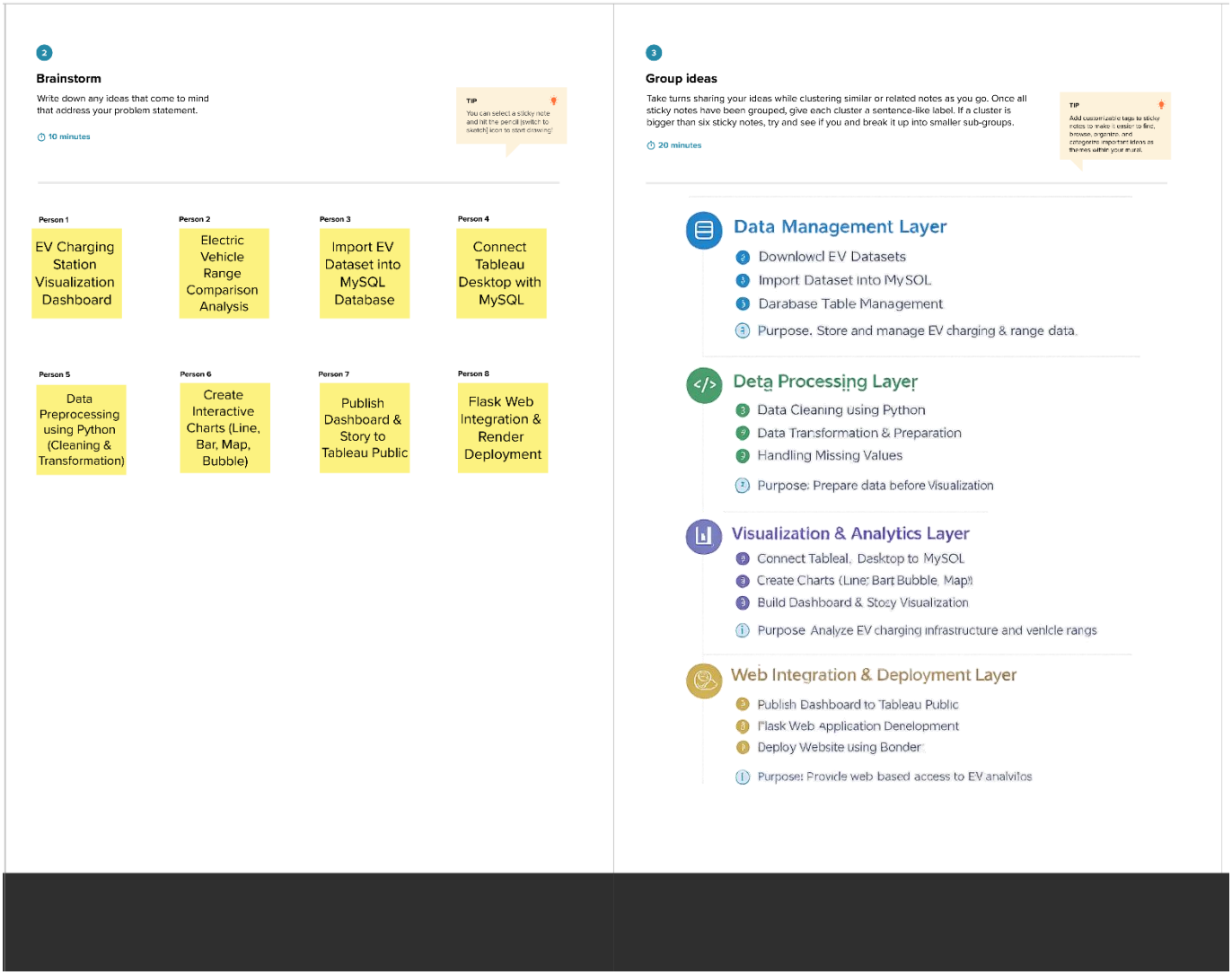
Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

Step-1: Team Gathering, Collaboration and Select the Problem Statement



Step-2: Brainstorm, Idea Listing and Grouping



Step-3: Idea Prioritization

4

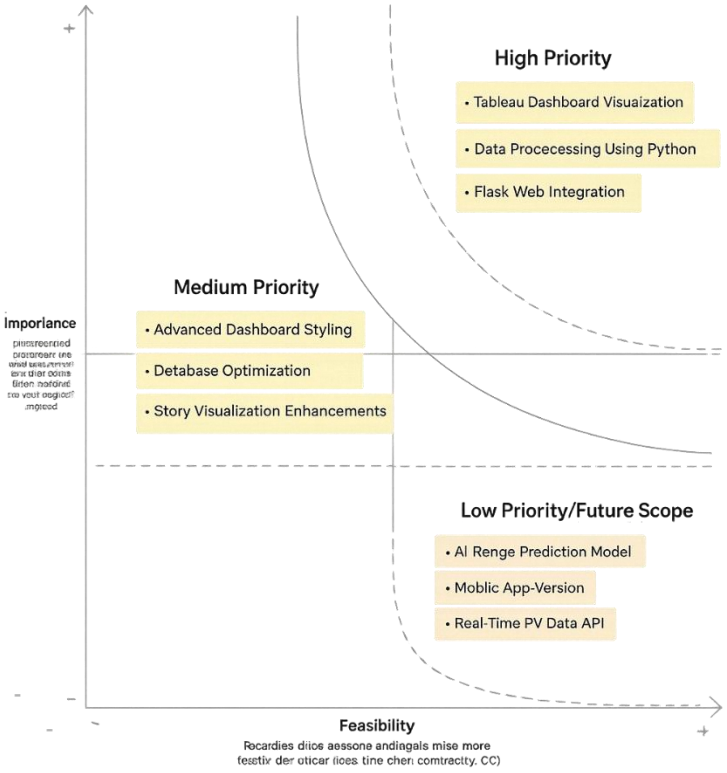
Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

20 minutes

TIP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the **H key** on the keyboard.



After you collaborate

Develop an interactive Electric Vehicle Charge and Range Analysis Visualization Tool that integrates SQL, Python, Tableau, and Flask to provide web-based EV analytics.

Key Decisions Taken by Team

- **Use MySQL for storing EV datasets.**
- **Apply Python preprocessing to clean and transform data.**
- **Create interactive Tableau dashboards & story for visualization.**
- **Publish dashboards using Tableau Public.**
- **Integrate visualization into a Flask web application.**
- **Deploy the final website using Render platform.**

Expected Outcome

- **Centralized EV analytics dashboard.**
- **Easy comparison of charging infrastructure and vehicle range.**
- **Interactive web-based platform accessible to users.**

Next Steps

1. **Dataset Download**
2. **Import into MySQL**
3. **Tableau Connection**
4. **Data Preprocessing**
5. **Dashboard & Story Creation**
6. **Publish to Tableau Public**
7. **Flask Web Integration**
8. **Deploy Website using Render**