Brainstorm & Idea Prioritization

Date	**28 JUNE 2025**
Team ID	**LTVIP2025TMID47625**
Project Name	**heritage treasures: an in-depth analysis of unesco world heritage**
Maximum Marks	**4 Marks**

Step 1: Team Gathering, Collaboration & Problem Statement Selection

Our team collaborated to explore relevant real-world issues in cultural data analytics. We selected the problem statement:

"Analyze the UNESCO World Heritage Sites dataset to uncover trends, risk factors, and site classifications using Tableau, and deliver insights through a responsive web application."

We aimed to focus on endangered sites, category distribution (Cultural, Natural, Mixed), and forecasting inscription trends.

Step 2: Brainstorm, Idea Listing, and Grouping

Idea No.	Idea	Description	Grouped Category
1	Visualize site distribution by region	Show how heritage sites are spread across different world regions	Visualization
2	Create a dashboard for endangered sites	Highlight the sites currently at risk and when they were listed	Risk Analysis

3	Forecast future UNESCO site counts	Use historical data to predict upcoming listings	Forecasting
4	Story-based heritage presentation	Combine dashboards into a Tableau Story with captions and flow	Storytelling
5	Design a responsive web interface	Build a Flask-based site that embeds Tableau views	Deployment
6	Focus only on cultural sites	Drill down into category-specific analysis	Visualization
7	Interactive filters by year/region	Allow users to filter dashboards by time, type, or region	Interactivity

Step 3: Idea Prioritization

Idea	Feasibility	Impact	Final Choice
Regional Distribution Visualization	High	High	✅
Endangered Sites Dashboard	High	High	✅
Forecasting Site Growth	Medium	Medium	✅
Tableau Story (Narrative)	High	Medium	✅
Flask UI Integration	High	High	✅
Category-Focused Charts	Medium	Medium	✅
Filter-based Interaction	High	Medium	✅

Final Prioritized Ideas:

- Dashboard: Site counts by region, category
- Dashboard: Danger status and timeline
- Story 1 & Story 2 in Tableau
- Forecast visual with trend lines
- Deployed web app using Flask + Render