

Brainstorm & Idea Prioritization

Date	3 JULY 2025
Team ID	LTVIP2025TMID49283
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	Visualization

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