

# Project Design Phase

## Proposed Solution Template

Date	23/02/2026
Team ID	LTVIP2026TMIDS36154
Project Name	Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites in Tableau
Maximum Marks	2 Marks

### C Proposed Solution Template

#### Project Title:

**Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites in Tableau**

#### 1. Objective:

To design and develop an interactive Tableau-based visualization system that transforms UNESCO World Heritage data into structured and meaningful dashboards. The objective is to enable users to explore global heritage distribution, analyze endangered sites, and understand inscription trends through interactive and user-friendly visual analytics.

#### 2. Key Features:

- Global Heritage Overview Dashboard:**

Interactive visualization displaying worldwide distribution of UNESCO World Heritage Sites using geospatial mapping and category-wise breakdown.

- Danger Sites Overview Dashboard:**

Dedicated dashboard highlighting heritage sites listed under danger status with regional comparisons and focused analysis.

- Category-Based Classification:**

Clear representation of Cultural, Natural, and Mixed heritage site distribution across different regions.

- Year-wise Inscription Analysis:**

Trend visualization showing how heritage site inscriptions have evolved over time.

- Interactive Filtering Mechanism:**

Dynamic filters for Region, Country, Heritage Category, and Year of Inscription to enable detailed data exploration.

- **Guided Story Presentation:**

A structured Tableau Story integrating insights from both dashboards for step-by-step analytical understanding.

### **3. Tools & Technology:**

- Tableau Desktop – For dashboard design, interactive visualization, and story creation.
- Microsoft Excel (CSV Format) – For dataset preparation, cleaning, and structuring.
- Tableau Calculated Fields – For derived metrics such as regional totals and category distribution

### **4. Benefits & Impact:**

- Enhances understanding of global heritage distribution through visual storytelling.
- Provides clear insight into endangered heritage sites for awareness and analysis.
- Simplifies large datasets into structured and interactive dashboards.
- Supports academic research and comparative regional analysis.
- Encourages data-driven exploration of cultural and natural heritage assets.

### **5. Target Users:**

- Students and Academic Researchers
- Cultural Heritage Analysts
- Tourism Planners
- Policy Makers
- Conservation and Preservation Organizations
- NGOs & UNESCO Planners