

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

Solution Objective

Design an interactive analytics system that transforms global heritage site data into clear, comparative, and actionable insights using UNESCO datasets and visualized through Tableau dashboards.

Functional Requirements

- 1 Import UNESCO World Heritage dataset
- 2 Integrate visitor statistics and conservation indicators
- 3 Include geospatial coordinates for mapping
- 4 Data cleaning and normalization
- 5 Region and category classification (Cultural, Natural, Mixed)
- 6 Interactive world map with drill-down capability
- 7 Filters: Country/Region, Site Category, Year Inscribed
- 8 Comparative charts and conservation risk visualization
- 9 Comparative regional analysis and trend identification
- 10 Export dashboards as PDF and shareable insights

Non-Functional Requirements

- 1 Dashboard load time under 5 seconds
- 2 Simple navigation and clear visual hierarchy
- 3 Accurate data representation
- 4 Scalable design for additional datasets

Technical Requirements

- 1 Platform: Tableau Desktop / Tableau Public
- 2 Data Format: CSV / Excel
- 3 Mapping: Geospatial coordinates
- 4 Processing: Data blending and calculated fields
- 5 Export: PDF / Image

Expected Outcome

- 1 Clear global overview of heritage distribution
- 2 Easy comparison across regions
- 3 Insightful trends for research and education
- 4 Shareable presentation-ready dashboards