

# Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites in Tableau (2019)

## 1. Introduction

This data visualization project presents an insightful analysis of UNESCO World Heritage Sites using Tableau, drawing upon a comprehensive dataset from 2019. The objective is to explore patterns, regional trends, and risk factors related to these globally significant cultural and natural landmarks.

## 2. Project Objectives

- To visualize the global distribution of World Heritage Sites.
- To identify countries with the most heritage sites.
- To analyze the proportion of sites at risk.
- To uncover regional trends in site inscription over time.

## 3. Dataset Overview

The dataset contains meta-information about UNESCO sites, sourced from official records. Key columns used in this project include:

Column Name	Description
ID No.	Unique identifier for each site.
Name_en	English name of the heritage site.
Region	Geographical region where the site is located.
Country	Country in which the site is situated.
Location	Specific location within the country.
Date_inscribed	Year the site was added to the UNESCO list.
Danger	Whether the site is listed as 'In Danger'.
Endangered Year	Year the site was classified as endangered.
Date_end	Date when site's World Heritage status ended (if applicable).
Category	Classification as Cultural, Natural, or Mixed.
Criterion 1–10	Specific UNESCO criteria met by the site for inscription.

## 4. Visualizations and Key Scenarios

### Scenario 1: Heritage Sites by Country

- **Chart Type:** Treemap or stacked bar.
- **Columns Used:** Country, Name\_en.
- **Purpose:** To show distribution and identify countries with the highest concentration of heritage sites.

### Scenario 2: Heritage Sites at Risk

- **Chart Type:** Pie chart or donut chart with optional bar chart for country breakdown.
- **Columns Used:** Danger, Name\_en.
- **Purpose:** To assess the ratio of sites currently in danger globally and highlight conservation priorities.

### Scenario 3: Regional Inscription Trends

- **Chart Type:** Line chart over time.
- **Columns Used:** Date\_inscribed, Region.
- **Purpose:** To reveal regional growth in heritage recognition and discover historical patterns in site inscriptions.

## 5. Insights and Interpretation

- Countries like [Insert examples from your Tableau visual, e.g., Italy, China] dominate in heritage site count.
- A notable percentage of sites in Africa and the Middle East are currently under threat.
- Regions such as Asia-Pacific have shown a steady rise in inscriptions since the 1990s.

## 6. Conclusion

This project reinforces the power of data visualization in identifying cultural heritage trends and risks. By making this data accessible and interpretable, stakeholders can better prioritize preservation efforts, funding, and awareness campaigns.