

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

1. Introduction

This project presents a comprehensive analysis of UNESCO World Heritage Sites using Tableau. The objective is to explore geographical distribution, category classification, and temporal trends of World Heritage Sites across different countries and regions.

2. Dataset Description

The dataset contains information about UNESCO World Heritage Sites including:

- Site Name
- Country
- Region
- Category (Cultural, Natural, Mixed)
- Year of Inscription
- Latitude and Longitude

3. Tableau Calculated Fields (Code)

Category Group:

```
IF [Category] = 'Cultural' THEN 'Cultural Heritage'  
ELSEIF [Category] = 'Natural' THEN 'Natural Heritage'  
ELSE 'Mixed Heritage'  
END
```

Sites per Country:

```
COUNT([Site Name])
```

Sites by Year:

```
COUNT([Year of Inscription])
```

Cumulative Growth:

```
RUNNING_SUM(COUNT([Site Name]))
```

4. Visualizations in Tableau

- World Map showing site distribution by country.
- Bar Chart displaying number of sites per country.
- Pie/Donut Chart showing category distribution.
- Line Chart representing growth of sites over years.
- Interactive Dashboard with filters (Region, Category, Year).

5. Conclusion

The Tableau dashboard provides meaningful insights into the global distribution and growth trends of UNESCO World Heritage Sites. It enables users to interactively explore heritage data and understand cultural and natural diversity worldwide.