

# Heritage Treasure

## An In-Depth Analysis of UNESCO World Heritage Sites

**Topic: Technology Stack**

### 1. Technology Stack Overview

Layer	Technology Used	Purpose	Benefits
Data Source Layer	UNESCO Open Data	Provides official site info	Authentic & structured data
Data Storage	MySQL / PostgreSQL	Store site details	Reliable database
Data Processing	Python (Pandas, NumPy)	Data cleaning & transformation	Efficient data handling
Analytics Tool	Tableau	Dashboard creation	Interactive & user-friendly
Cloud Platform	AWS / Azure / GCP	Hosting & storage	Secure & scalable
Version Control	Git & GitHub	Code management	Collaboration support

### 2. Tableau Analytics Stack

Feature	Application
Dashboard Creation	Build interactive dashboards
Storytelling	Present insights sequentially
Geographic Analysis	Visualize sites by continent/country
Filters & Parameters	Dynamic user interaction

### 3. Proposed Solution Architecture Flow

UNESCO Dataset → Data Cleaning (Python) → Database Storage → Tableau Dashboard → Cloud Deployment → End User Access