Final Report

# 1. INTRODUCTION

## 1.1 Project Overview

This project, titled 'Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites', aims to analyze the global distribution, categorization, and trends of UNESCO heritage sites using Tableau.

## 1.2 Purpose

The purpose of this project is to make heritage site data easily understandable and explorable through visual storytelling and dashboards.

# 2. IDEATION PHASE

## 2.1 Problem Statement

Lack of clear, visual insights into the distribution, types, and growth of UNESCO World Heritage Sites, making it difficult for users to explore the data meaningfully.

## 2.2 Empathy Map Canvas

User: Tourist/Researcher  
Thinks: I want to explore cultural places  
Feels: Excited to discover world heritage  
Does: Searches online, visits dashboards  
Needs: Easy and informative visuals

## 2.3 Brainstorming

- Show sites by region and country  
- Compare Cultural, Natural, Mixed sites  
- Show increase over years  
- Use interactive dashboard and filters  
- Present it using Tableau Story

# 3. REQUIREMENT ANALYSIS

## 3.1 Customer Journey map

User visits dashboard > Filters by country/region/type > Explores insights > Understands global heritage trends

## 3.2 Solution Requirement

Functional: Filterable dashboard, interactive story, visual charts  
Non-functional: Responsive design, fast load time

## 3.3 Data Flow Diagram

CSV Dataset → Tableau → Charts & Calculations → Dashboard → Story

## 3.4 Technology Stack

- Dataset: CSV file  
- Tool: Tableau  
- Documentation: MS Word  
- Version Control: GitHub

# 4. PROJECT DESIGN

## 4.1 Problem Solution Fit

Our solution offers visual exploration of the UNESCO data through Tableau to improve data understanding.

## 4.2 Proposed Solution

Tableau dashboard and story presenting key insights on heritage site count by country, region, category, and time.

## 4.3 Solution Architecture

CSV → Tableau → Dashboard & Story → Output (screenshots, video, report)

# 5. PROJECT PLANNING & SCHEDULING

## 5.1 Project Planning

Sprint-1 to Sprint-3 plan with steps from data collection to demo video recording.

# 6. FUNCTIONAL AND PERFORMANCE TESTING

## 6.1 Performance Testing

Filters tested, dashboard responsive, story navigates properly. All charts render as expected.

# 7. RESULTS

## 7.1 Output Screenshots

Dashboard screenshot, Story screenshot (attached separately).

# 8. ADVANTAGES & DISADVANTAGES

Advantages:  
- Easy to explore data visually  
- Interactive experience  
  
Disadvantages:  
- Requires internet for Tableau Public  
- Limited to the dataset used

# 9. CONCLUSION

This project helped analyze and understand UNESCO World Heritage data visually and interactively.

# 10. FUTURE SCOPE

Future versions can include real-time updates, visitor counts, or conservation data.

# 11. APPENDIX

Dataset: heritage\_sites.csv  
Tableau Dashboard: https://public.tableau.com/views/HeritageTreasuresAnIn-DepthAnalysisofUNESCOWorldHeritageSites\_17507730780010/Dashboard1  
Story: https://public.tableau.com/views/HeritageTreasuresAnIn-DepthAnalysisofUNESCOWorldHeritageSites\_17507730780010/Story1  
GitHub: https://github.com/mudagalshiva/Heritage-Treasures-An-In-Depth-Analysis-of-UNESCO-World-Heritage-Sites-in-Tableau  
Video Demo: 