**Project Title: Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites (2019)**

**Assignee**: D Surya Varma

**Assigned by:** G Revanth Reddy

**Assigned on:** 19 – 06 - 2024

**Technology:** Data Analytics with Tableau

**Domain:** Cultural and Natural Heritage Conservation.

**Project Description**

This project involves the analysis and visualization of a comprehensive dataset of UNESCO World Heritage Sites as of 2019. By leveraging advanced data analytics tools, we aim to uncover meaningful insights into the distribution, characteristics, and conservation status of these globally significant sites. The dataset includes information on the cultural and natural heritage sites, their geographical locations, the criteria for their selection, and their conservation status.

**Project Scenario:**

**Problem:**

The preservation of UNESCO World Heritage Sites is of paramount importance. However, policymakers, conservationists, and researchers often face challenges in accessing and interpreting comprehensive data about these sites. There is a need for a detailed analysis to understand the factors affecting these heritage sites and to aid in their preservation and promotion.

**Solution:** To address these challenges, we initiate a project titled: “Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites (2019)”

The solution involves several steps:

**Problem Discovery and Planning:**

* Define Problem Statement
* Project charter
* Project plan and timeline
* Stakeholder analysis and communication plan

**Data Gathering and Preparation:**

* Data source documentation
* Cleaned and pre-processed dataset
* Data dictionary describing fields and transformations applied

**Data Modelling and Schema Design:**

* Tableau data connections or data model design
* Data schema documentation and ER diagrams if applicable

**Visualization Development:**

* Various visualizations (charts, graphs, maps)
* Storyboard or narrative flow illustrating insights

**Dashboard Design:**

* Interactive and visually appealing dashboards
* Dashboard wireframes or mock-ups
* Design rationale and layout documentation

**Dataset / Guidance:** [Link](https://www.kaggle.com/datasets/ujwalkandi/unesco-world-heritage-sites/data?select=whc-sites-2019.csv)

**Files need to be submitted:**

1. **Tableau Dashboard**
2. **Recorded Videos**
3. **Documentation** (Documentation process is mentioned under the solution process)

**Submission Date:**