**Smart Bridge Data Analytics Program on Tableau  
Solution Requirement Report  
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**1. Introduction**

The Solution Requirement Report outlines the functional and non-functional needs of the proposed Tableau dashboard solution for UNESCO World Heritage Sites. It serves as the foundation for designing, developing, and deploying the dashboard effectively.

**2. Objectives of the Solution**

* Provide a **centralized, interactive platform** for visualizing UNESCO World Heritage data.
* Enable **dynamic filtering and storytelling** to support research and policymaking.
* Offer **quick, exportable insights** for analysts and educators.

**3. Functional Requirements**

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| --- | --- | --- |
| **Requirement ID** | **Description** | **Priority** |
| FR-01 | Ability to import UNESCO dataset (CSV format) | High |
| FR-02 | Filters for country, region, heritage category, and year | High |
| FR-03 | Interactive visualization components (maps, bar charts, timelines) | High |
| FR-04 | Export data in CSV/Excel format | Medium |
| FR-05 | Storyboard creation for presentations | Medium |

**4. Non-Functional Requirements**

|  |  |  |
| --- | --- | --- |
| **Requirement ID** | **Description** | **Priority** |
| NFR-01 | Dashboard load time under 3 seconds | High |
| NFR-02 | User-friendly interface with minimal learning curve | High |
| NFR-03 | Responsive design for desktop, tablet, and mobile | Medium |
| NFR-04 | Scalable to handle additional datasets in future | Medium |

**5. Constraints**

* Data source availability and periodic updates depend on UNESCO’s dataset release schedule.
* Tableau Public may have storage and privacy limitations.

**6. Assumptions**

* Users have internet access to load and interact with Tableau dashboards.
* Data provided is accurate, complete, and well-formatted.

**7. Deliverables**

* Fully functional Tableau dashboard hosted on Tableau Public –
* **Tableau Public Desktop link –** [**https://public.tableau.com/views/YusufPipalrawanwalaFinalProject/WorldHeritageSites?:language=en-US&publish=yes&:sid=&:redirect=auth&:display\_count=n&:origin=viz\_share\_link**](https://public.tableau.com/views/YusufPipalrawanwalaFinalProject/WorldHeritageSites?:language=en-US&publish=yes&:sid=&:redirect=auth&:display_count=n&:origin=viz_share_link)
* User guide for navigation and filtering.