

Project Development Phase Model Performance Test

Date	26 JUNE 2025
Team ID	LTVIP2025TMID48544
Project Name	Project - Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites in Tableau
Maximum Marks	

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

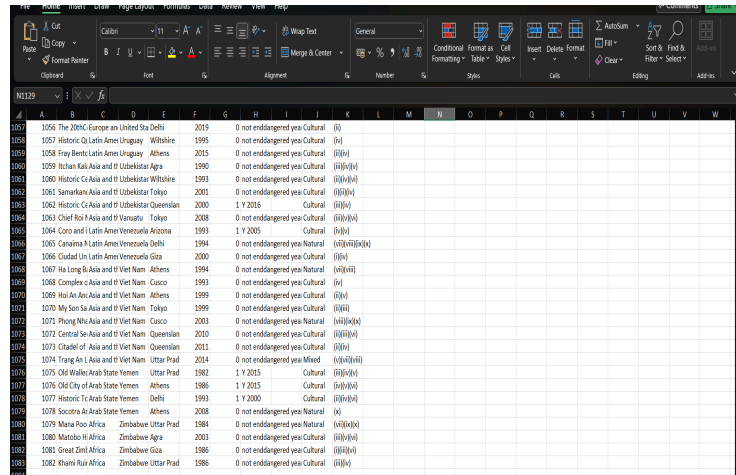
S.No.	Parameter	Screenshot / Values
1.	Data Rendered	<p>UNESCO World Heritage Sites dataset (CSV); ~1000 records filtered by Category, Region, Country, and Danger status</p> 
2.	Data Preprocessing	<p>Cleaned using Tableau Prep Builder:</p> <ul style="list-style-type: none"> – Removed null values – Split/merged columns – Removed non-relevant fields

Tableau Prep Builder - "Heritage" - Total expires in 11 days

File Edit View Server Help

Connections: 12 Fields Filter Values... 3 Recommendations Data Preview Field List Search

Heritage Feature 2

Remove fields you don't need and add filters to limit the data included in your flow. This can improve performance. For more cleaning options or to view your data, add a Clean Step.

Fields included: 11 of 12

Type	Field Name	Changes	Preview
Source	SourceNumber	1 of 1	
Auto	ID_NO	1, 2, 3	
Auto	Name_en		Cultural Landscape and Archaeological Remains of the Bamyan Valley, Minaret and Archaeo...
Auto	Region		Asia and the Pacific, Europe and North America
Auto	Country		Afghanistan, Albania
Auto	Location		Athens, Delhi, Cairo
Auto	Date_inscribed	2,062, 2,062, 2,065	
Auto	Danger	1, 0	
Auto	Endangered Year	Y 2003, Y 2002, null	
Auto	yDate_end	null	
Auto	yCategory		Cultural
Auto	yCriterion	00000000000000000000000000000000	

Tableau Prep Builder - "Heritage" - Total expires in 11 days

File Edit View Server Help

Connections: 12 Fields Filter Values... 5 Recommendations Data Preview Field List Search

Heritage Feature 2

Clean 2: 12 fields, 14 rows

Changes (14):

- Calculated Field: Country - Split 1
- Calculated Field: Country - Split 2
- Calculated Field: Country - Split 3
- Calculated Field: Country - Split 4
- Calculated Field: Country - Split 5
- Calculated Field: Country - Split 6
- Calculated Field: Country - Split 7
- Calculated Field: Country - Split 8
- Calculated Field: Country - Split 9
- Calculated Field: Country - Split 10
- Calculated Field: Country - Split 11
- Calculated Field: Country - Split 12

Country - Split 12	ID_NO	Name_en	Region	Country
Belgium	1,091	Belhues of Belgium and France	Europe and North America	Belgium, France
Belgium	1,092	The Architectural Work of Le Corbusier an Outstanding Contribution to the Modern Movement	Europe and North America	Belgium, France, Germany
Belgium	65	French Guianese	Europe and North America	Belgium

Tableau Prep Builder - "Heritage" - Total expires in 14 days

File Edit View Server Help

Connections: 12 Fields Filter Values... 4 Recommendations Data Preview Field List Search


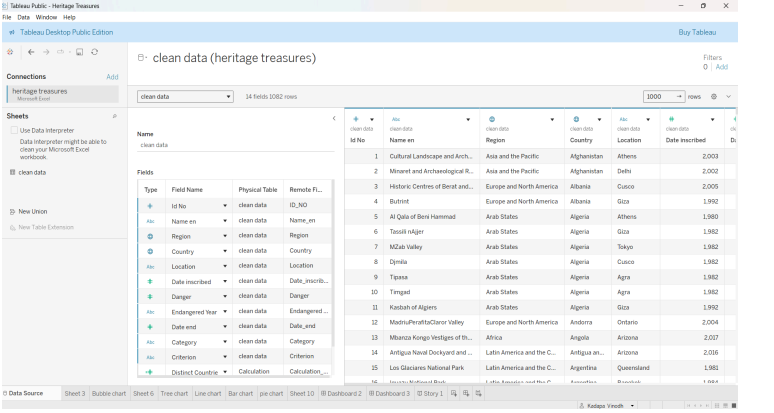
Heritage Feature 2

Clean 1: 11 fields, 14 rows

Changes (7):

- Filter: Exclude null
- Rename Field: Date_end
- From [Date_end] to [Date_end]
- Rename Field: Category
- From [Category] to [Category]
- Rename Field: Criteria
- From [Criteria] to [Criteria]
- Remove Punctuation: Name_en
- Group Values: Endangered Year

ID_NO	Name_en	Region	Country	Location	Date_insc
205	Los Rios National Park	Latin America and the Car	Colombia	Athens	1,994
742	Chan Chan Archaeological Zone	Latin America and the Car	Peru	Tokyo	1,986
408	Ru'ri Raro Biosphere Reserve	Latin America and the Car	Honduras	Cairo	1,992

		
3.	Utilization of Filters	<p>Filters applied in dashboards:</p> <ul style="list-style-type: none">– Category (Cultural, Natural, Mixed)– Country / Region– Danger Status (Yes/No)– Year Inscribed 
4.	Calculation fields Used	<p>Endangered Duration = Date_end - Endangered_Year</p> <p>– Category Count</p>

– Percentage of Endangered per Category

Data | Analytics

clean data (heritage treasures)

Search

Tables

- Category
- Country
- Criterion
- Danger (copy)
- Date inscribed (copy)
- Endangered Year
- Id No
- Location
- Name en
- Region
- Measure Names
- Danger
- Date end
- Date inscribed
- Distinct Countries
- clean data (Count)
- Latitude (generated)
- Longitude (generated)
- Measure Values

Marks

Automatic

Color Size Label

Detail Tooltip

CNT(Id No)

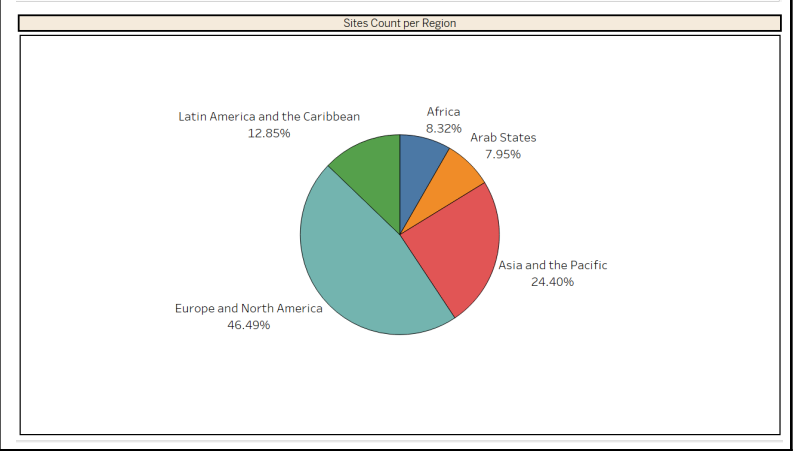
Country

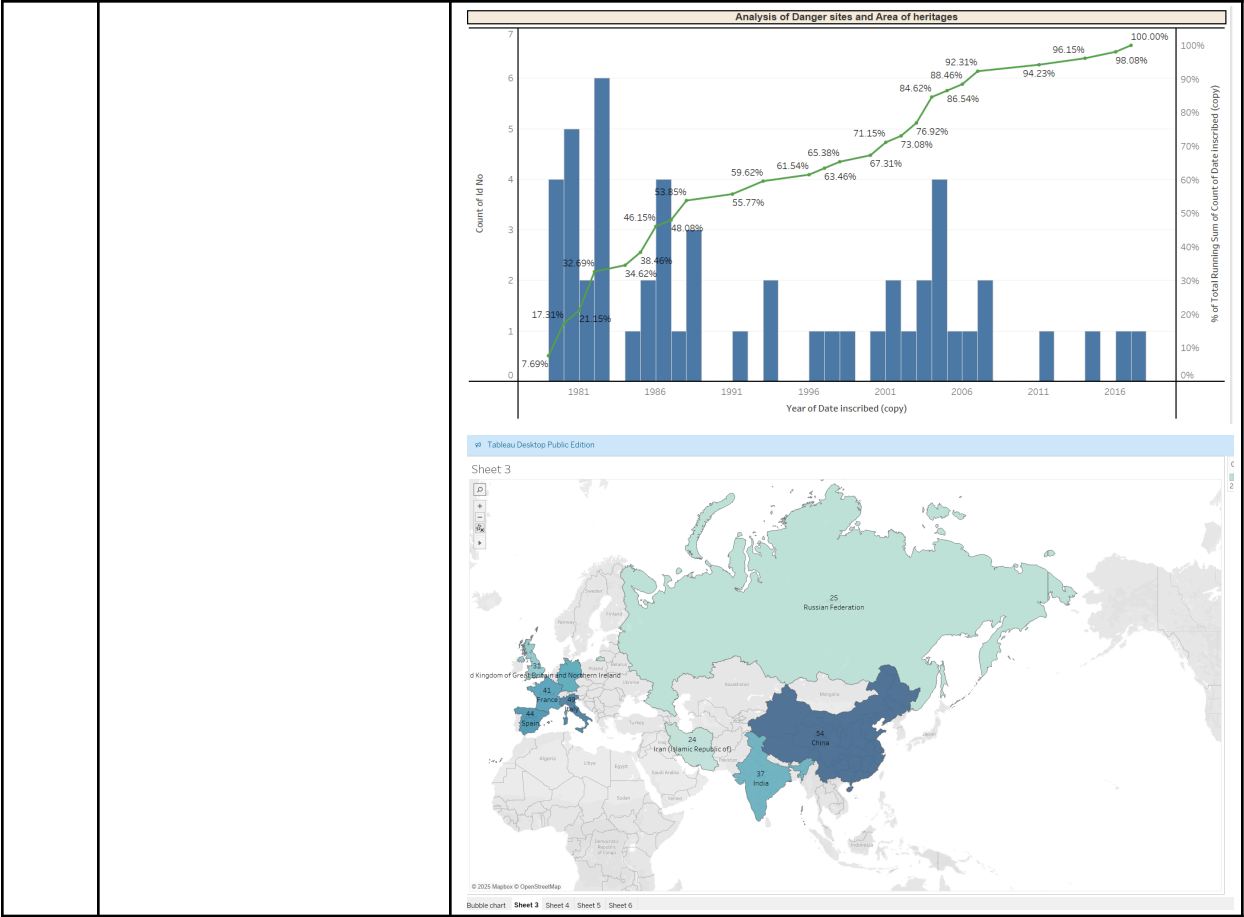
Country


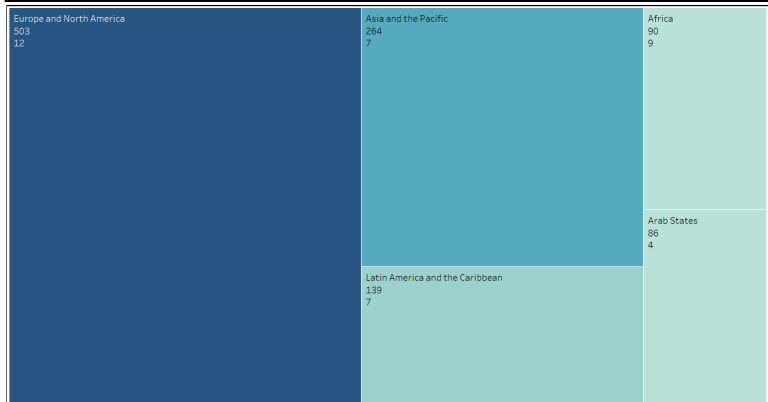
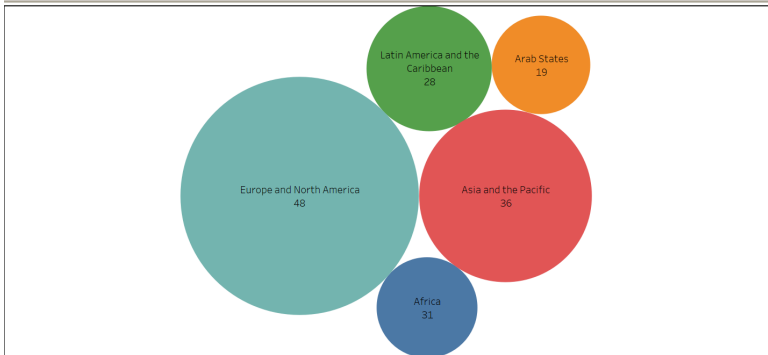
CNT(Id No)

5.	Dashboard design
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- Bar Chart (Categories)
- Pie Chart (Region)
- Line Graph (Trend)
- Map (Endangered Regions)
- Tree Map (Risk Level)
- Bubble Chart (Countries)





		<div><p>Top 10 regions by area</p><p>325 Europe and North America 41 Europe and North America 40 Europe and North America 34 Asia and the Pacific 24 Asia and the Pacific 23 Asia and the Pacific 19 Latin America and the Caribbean 18 Latin America and the Caribbean 17 Latin America and the Caribbean 16 Latin America and the Caribbean</p></div> <div><p>Danger Sites prone to Extinction</p><table><tr><th>Region</th><th>Sites</th></tr><tr><td>Europe and North America</td><td>303</td></tr><tr><td>Asia and the Pacific</td><td>264</td></tr><tr><td>Africa</td><td>90</td></tr><tr><td>Latin America and the Caribbean</td><td>139</td></tr><tr><td>Arab States</td><td>86</td></tr></table></div> <div><p>Countries per region</p><table><tr><th>Region</th><th>Countries</th></tr><tr><td>Europe and North America</td><td>48</td></tr><tr><td>Asia and the Pacific</td><td>36</td></tr><tr><td>Africa</td><td>31</td></tr><tr><td>Latin America and the Caribbean</td><td>28</td></tr><tr><td>Arab States</td><td>19</td></tr></table></div>	Region	Sites	Europe and North America	303	Asia and the Pacific	264	Africa	90	Latin America and the Caribbean	139	Arab States	86	Region	Countries	Europe and North America	48	Asia and the Pacific	36	Africa	31	Latin America and the Caribbean	28	Arab States	19
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6	Story Design	<p>No of Visualizations / Graphs -</p> <ul style="list-style-type: none">-Top 10 regions by area-Countries per Regions- Sites Count per Region-Analysis of Danger sites and Areas-Heritage ended Regions -Year Forecasting-Categories by site count-Top 10 danger sites																								

