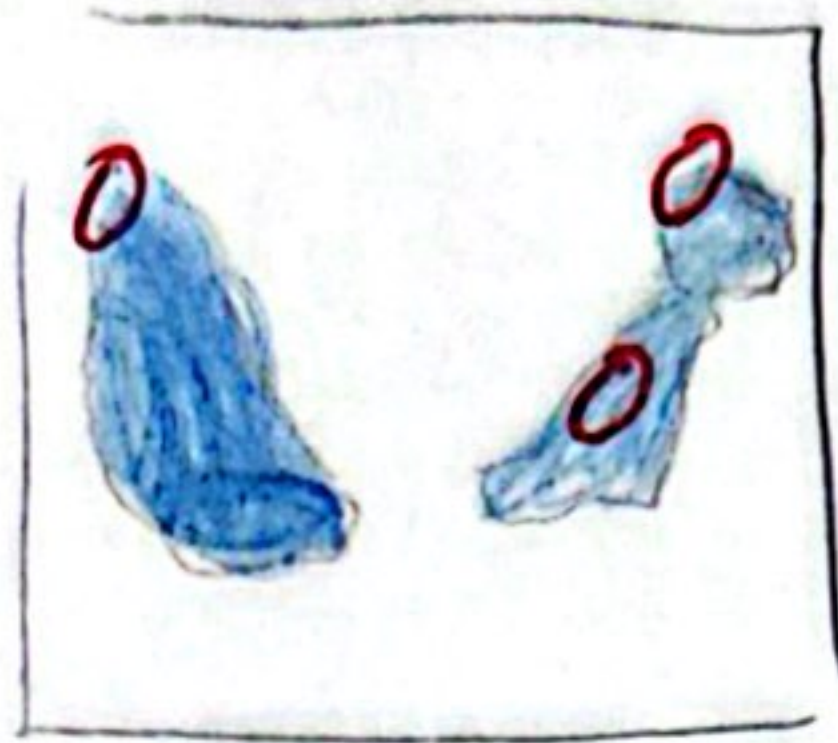
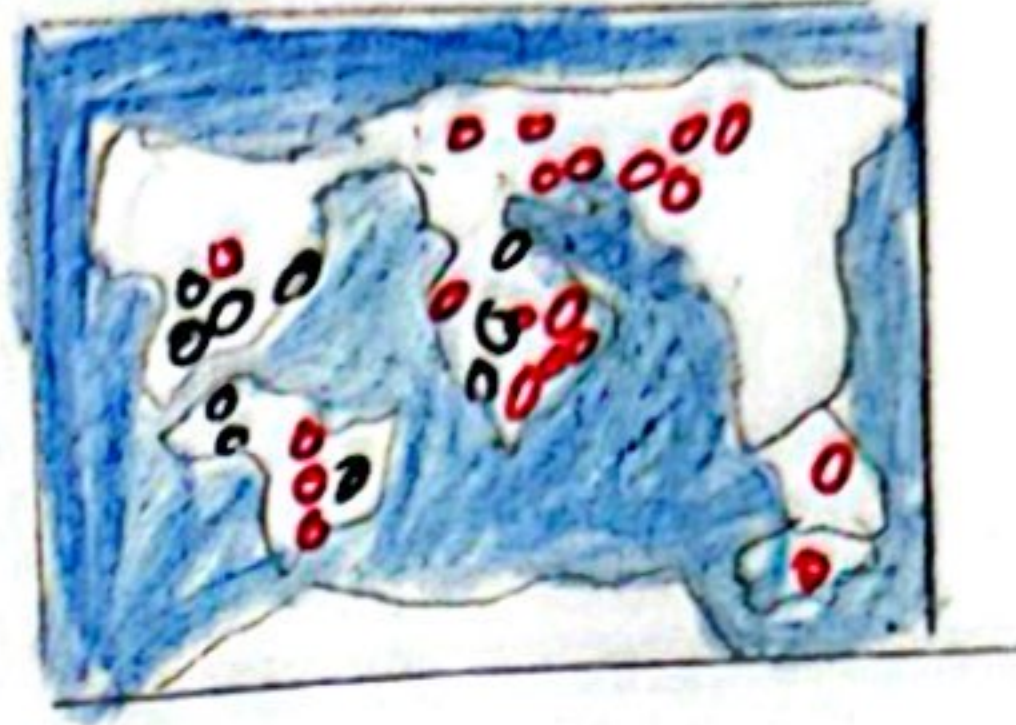


IDEAS

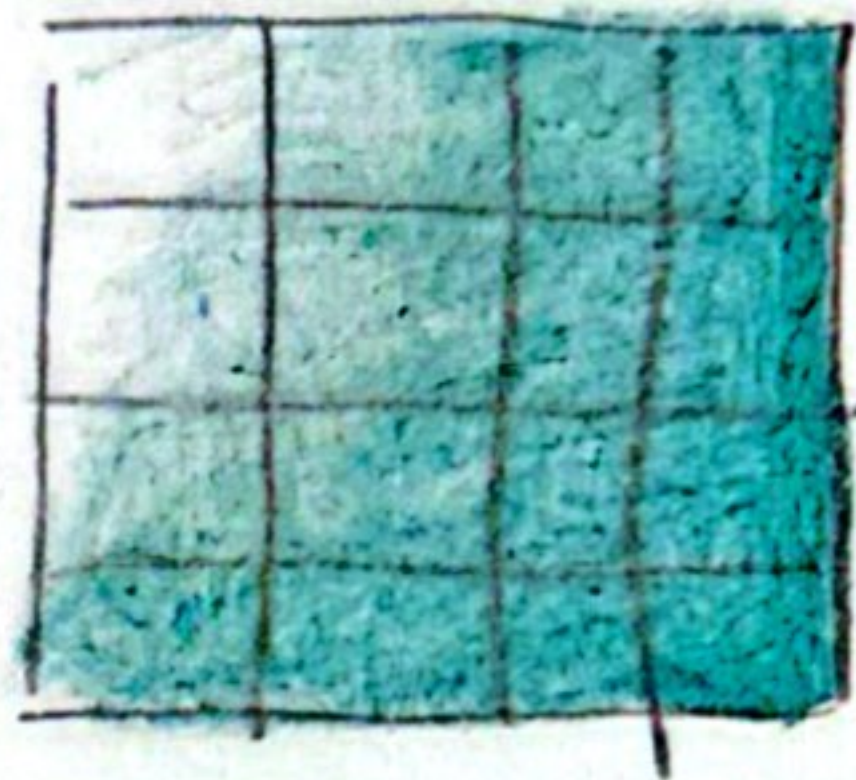
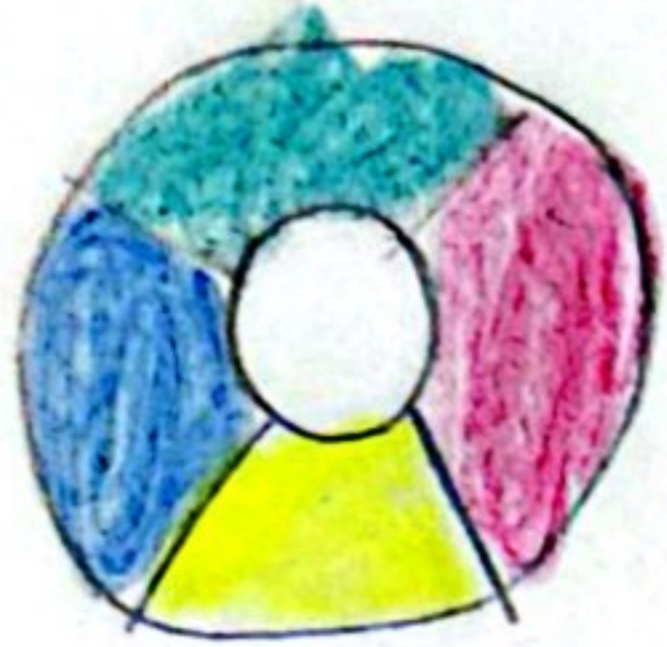
(1) Heritage Overview



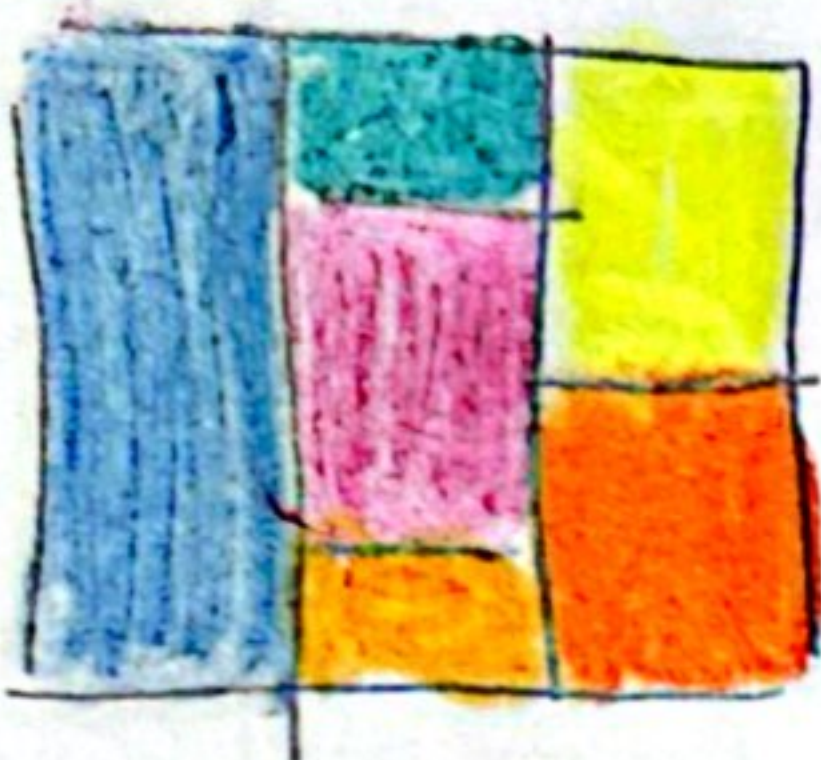
Malaysia



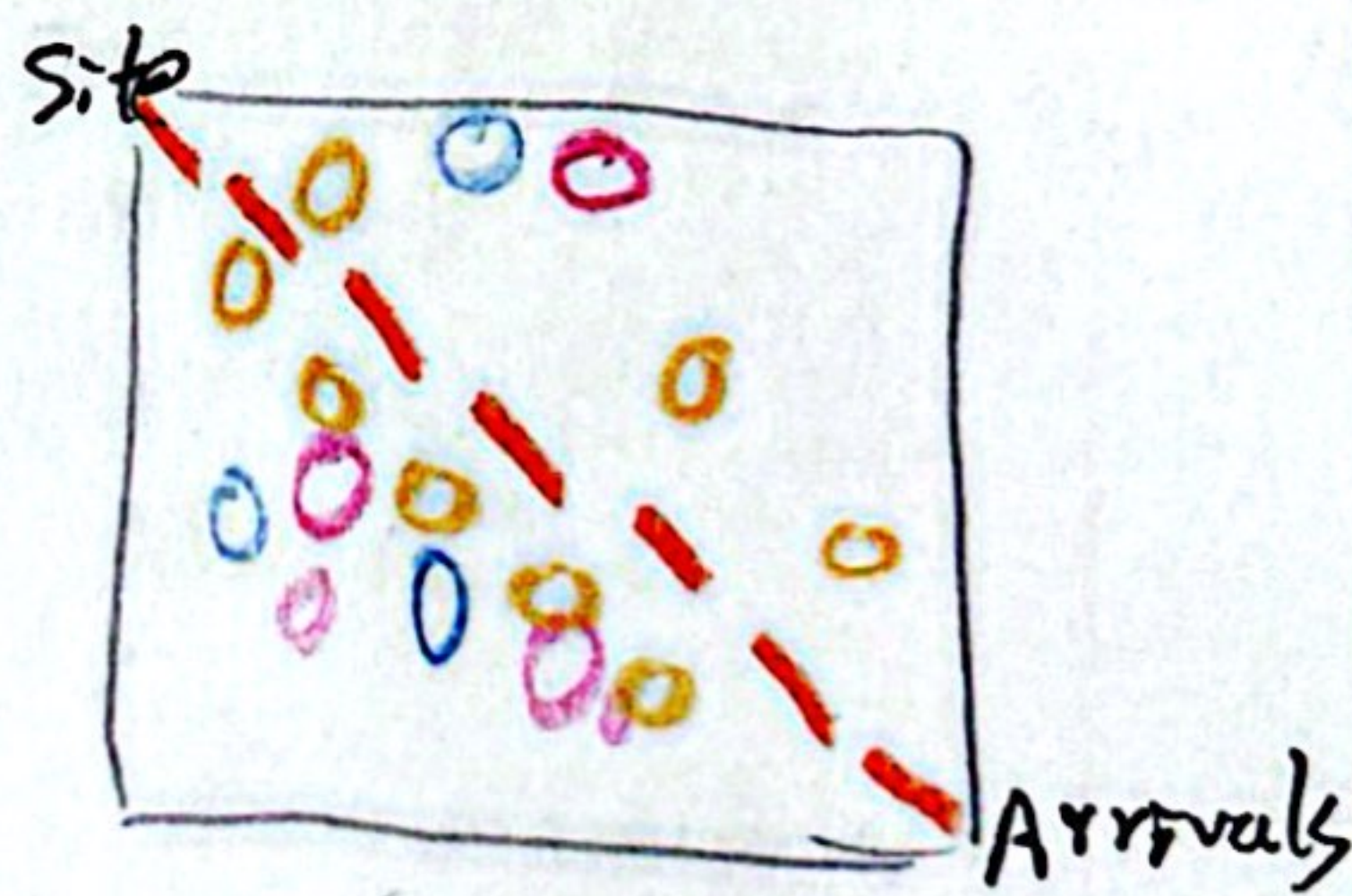
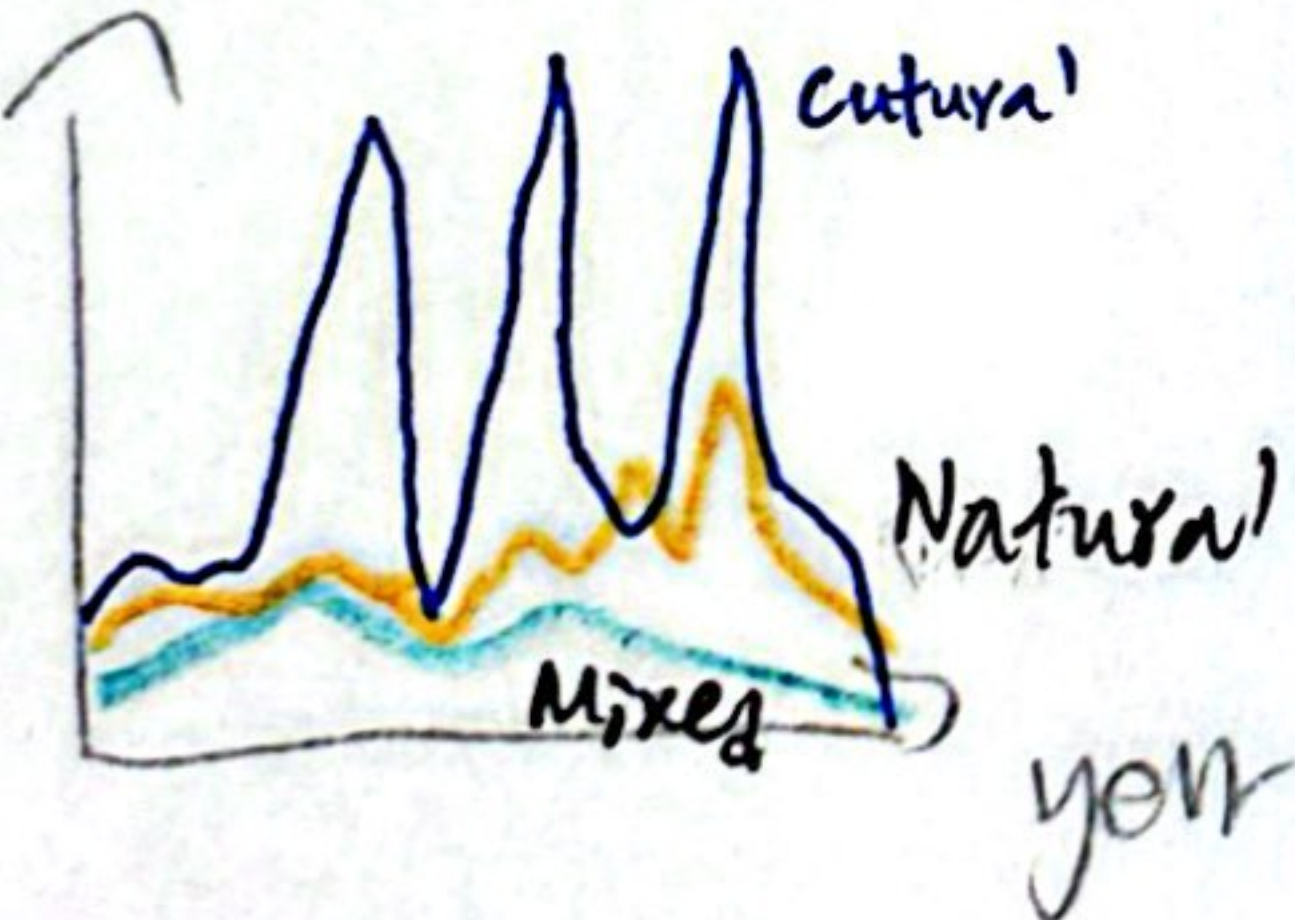
(2)



(3)



(4) Site



Title Idea sheet

Author Zi Yi Wang

Date 14/10/2025

Sheet 1

Task Idea

FILTER

Pinbble / Symbol map

Area / brush line chart

Scatterplot + Regression

Stacked Bar / Composition chart

Text annotation

CATEGORIZE

- Year slider

Type selector

Brush filter

Hover tooltip

COMBINE & REFINE

Global distribution of UNESCO heritage sites

Timeline showing the growth of heritage

Correlation between number of heritage sites

Link heritage with GDP

QUESTION

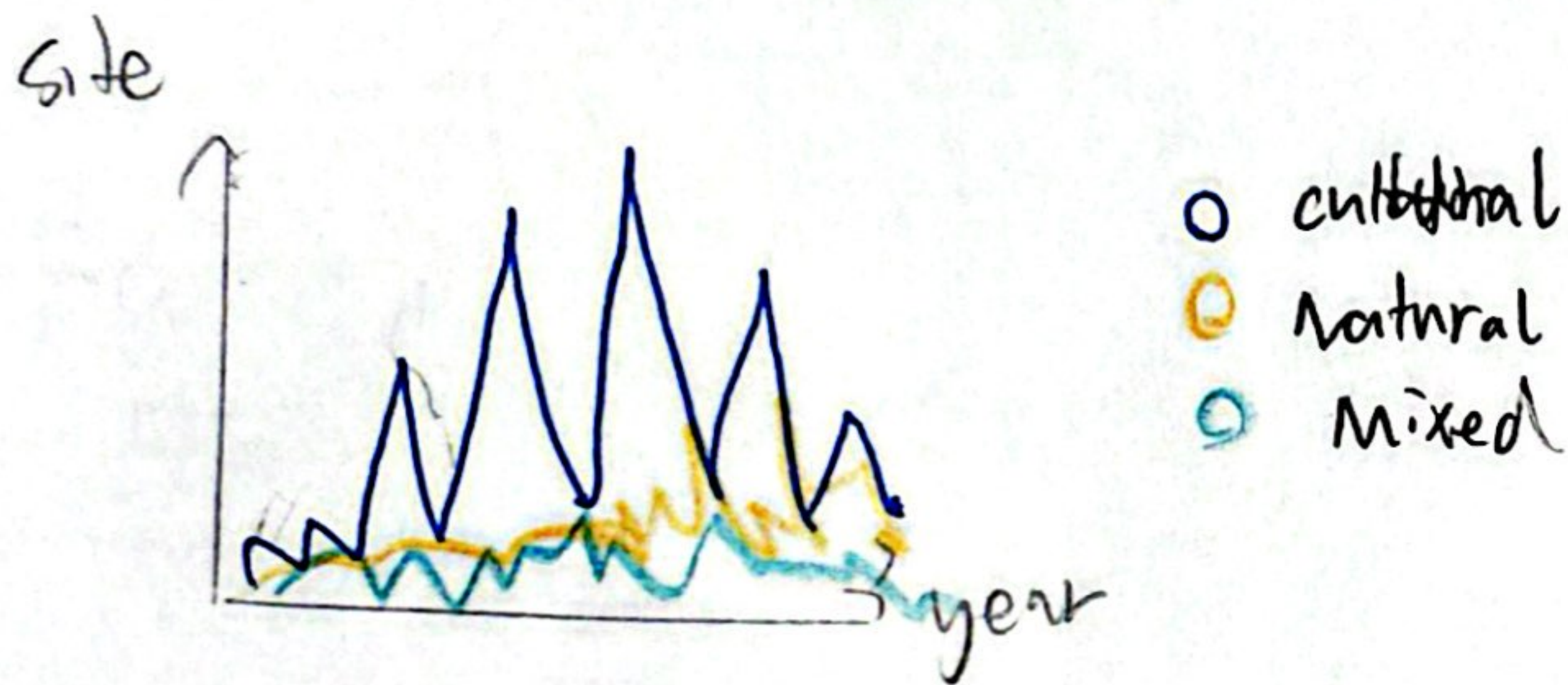
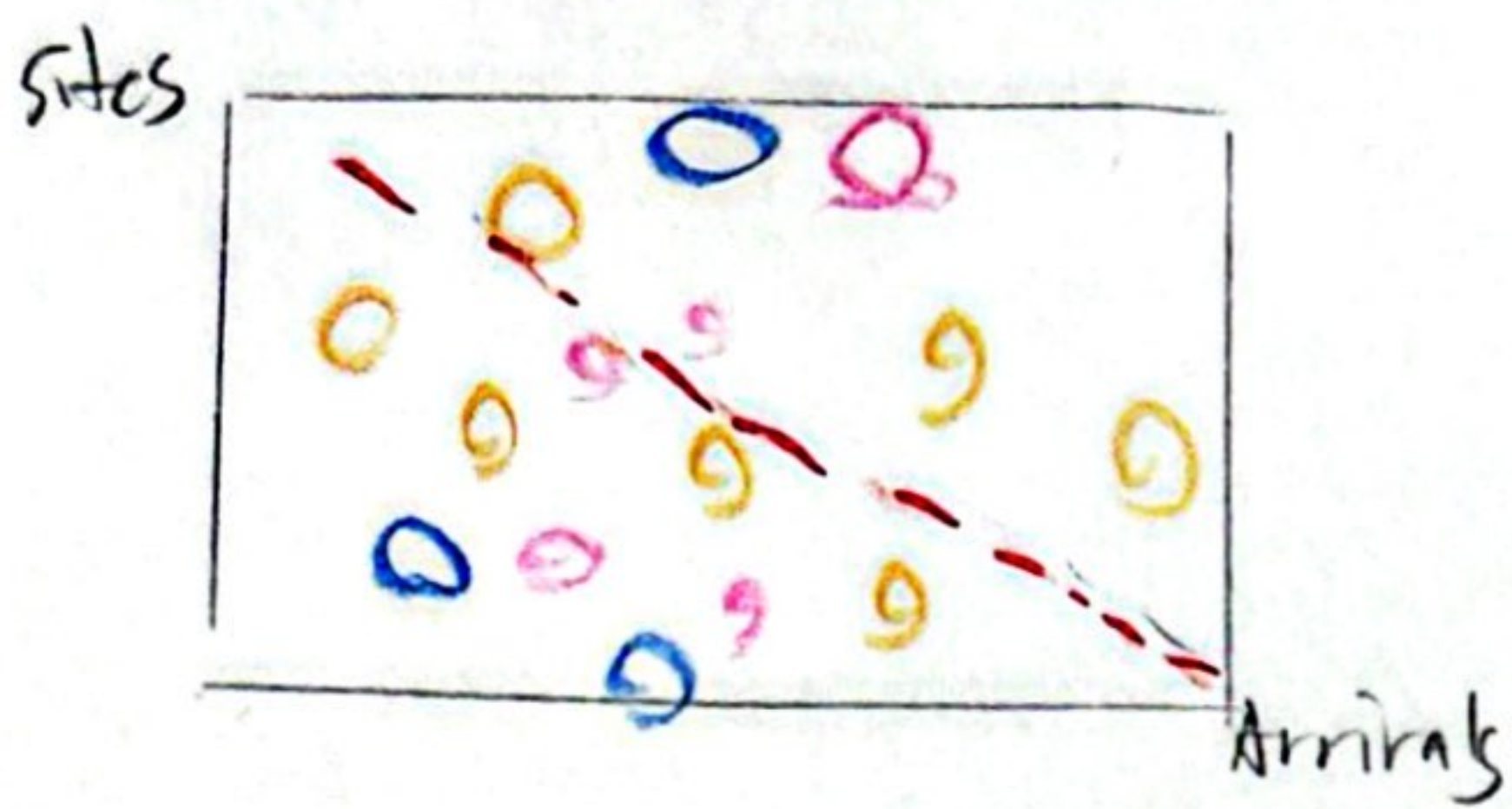
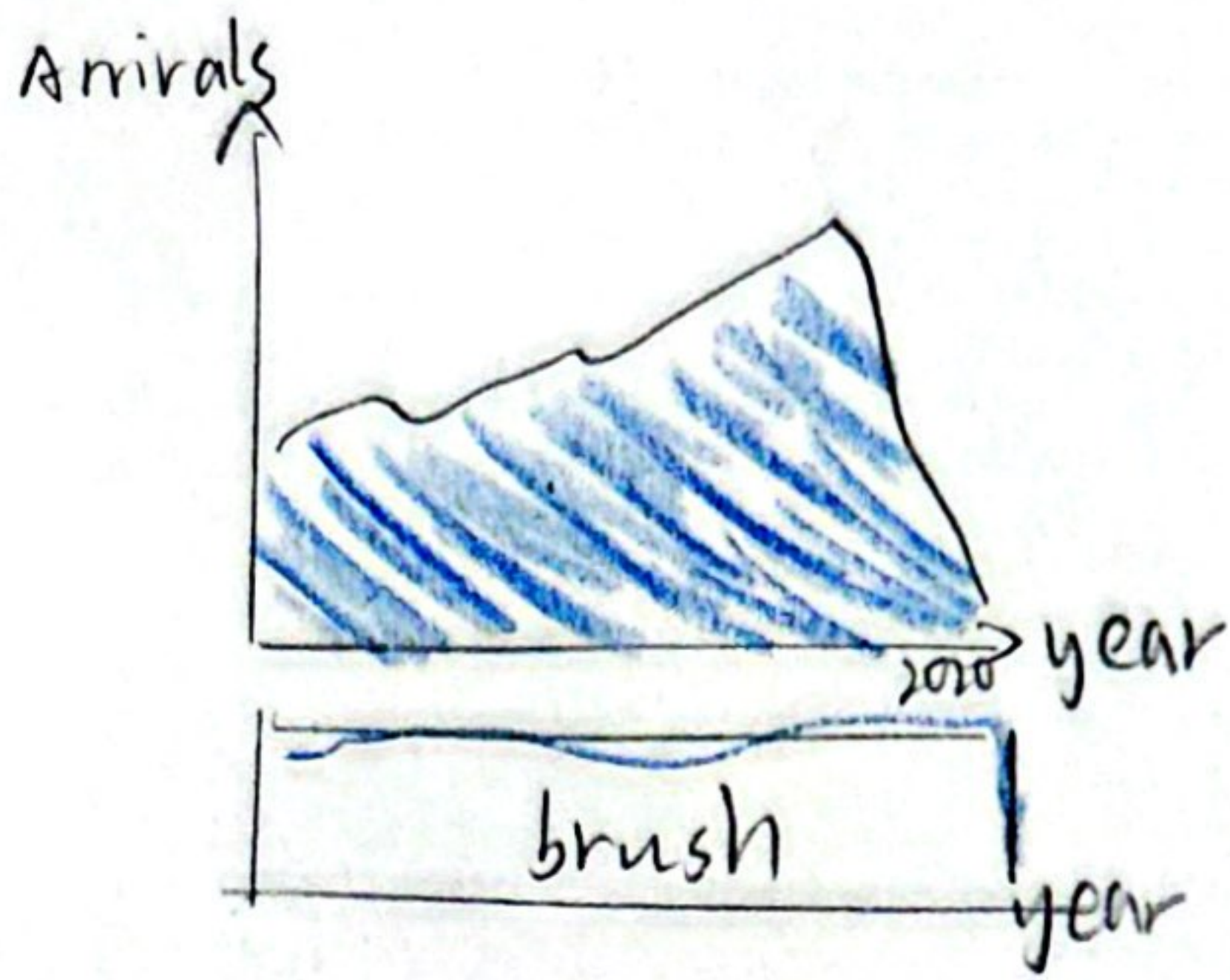
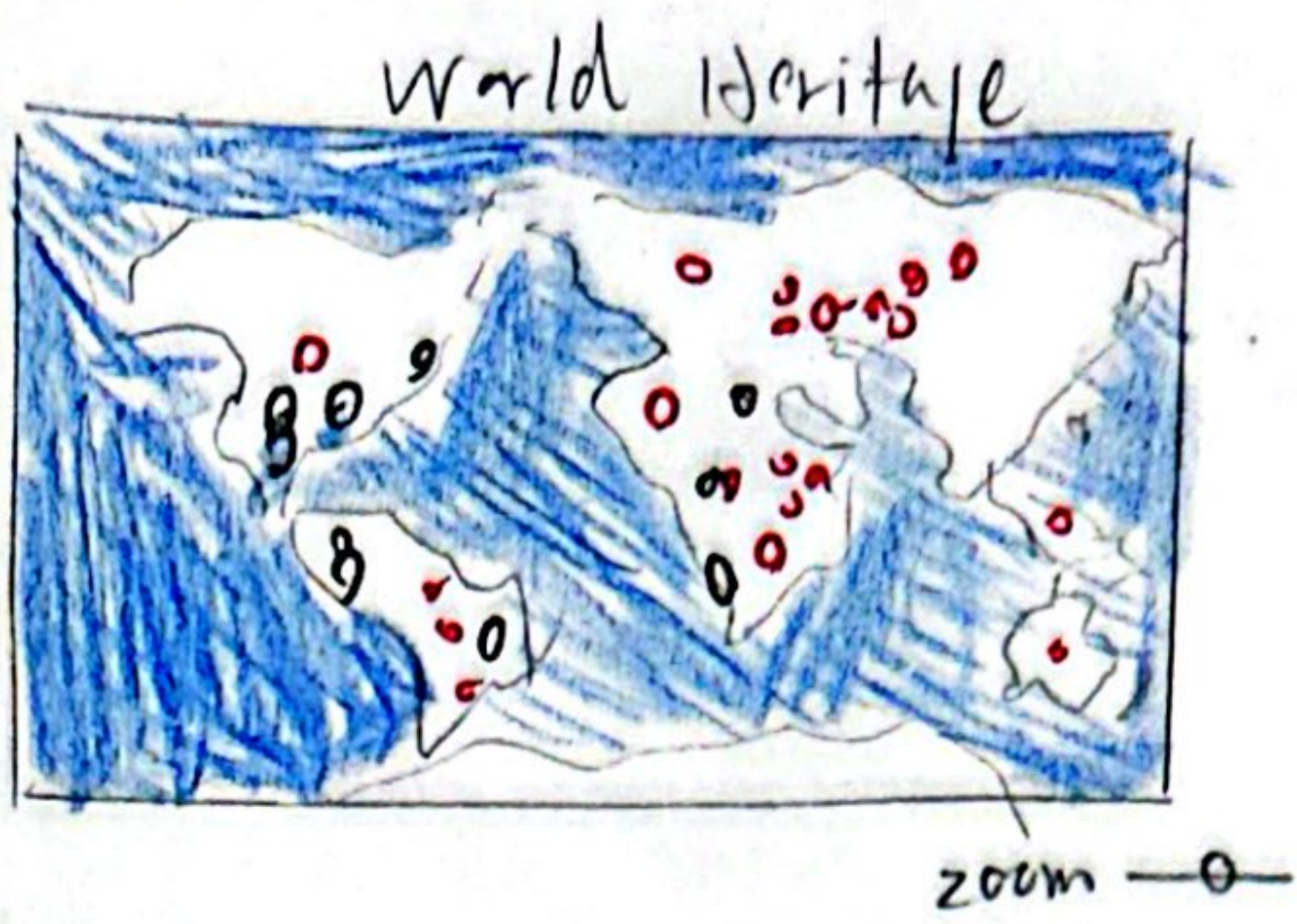
Global level

Correlation level

Regional / Case Fans

Sustainability Angle

LAYOUT



Title

Author : Ziyi Wang

Date : 14/10/2025

Sheet : 2

Task overall global design

OPERATION

Tourism Brush chart
: Brushing / Drag selection

Scatter → Hover Tooltip
+ Regression

Area chart
→ Heritage Growth

Malaysia Heritage map

→ Year slider + Tooltip
on sites

Focus

space → Global map and Malaysia focus

time → Timeline and area chart express

Correlation → Scatter plot the relationship

Blue for tourism and gold for heritage

Discussions

Strengths:

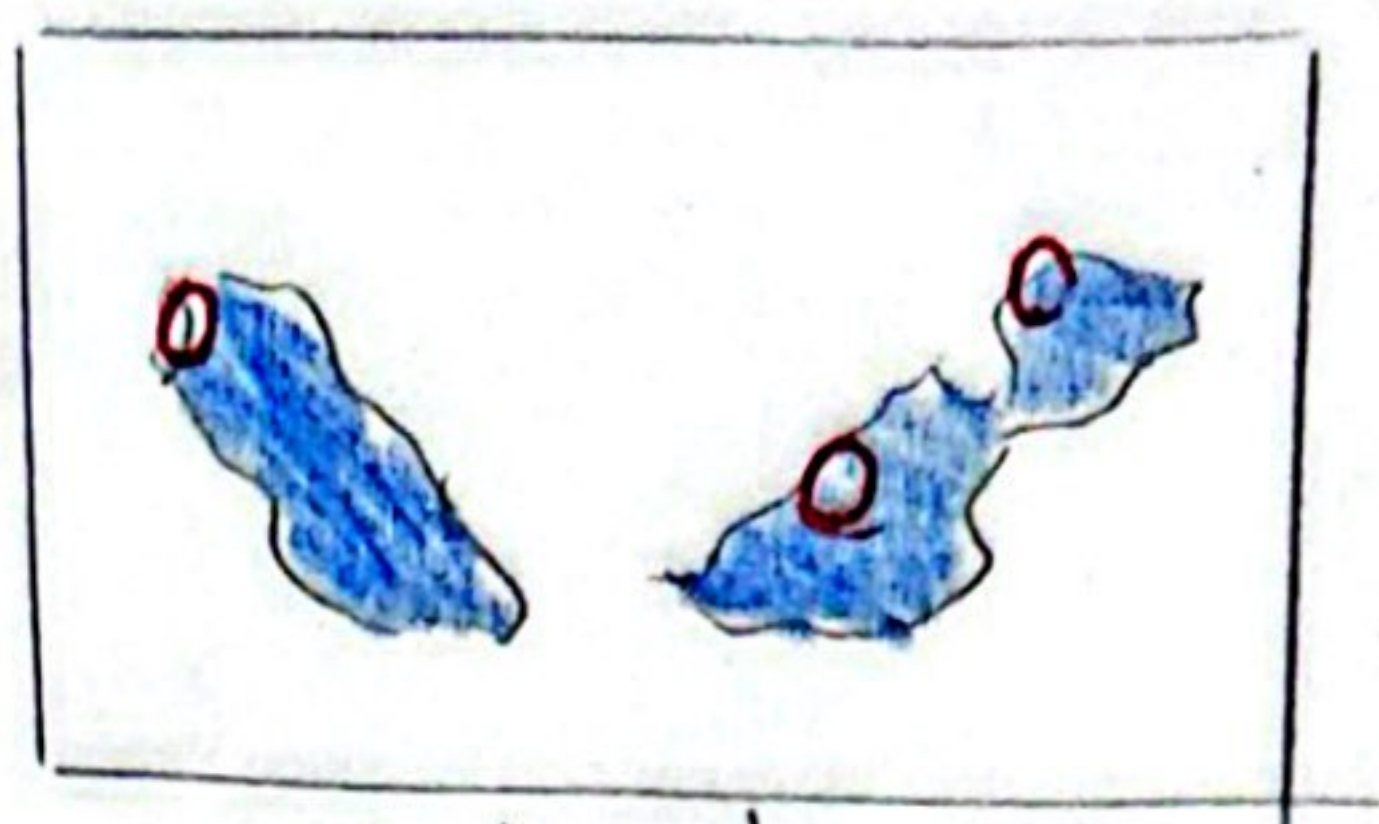
Complete multi-dimensional

Limitation

High data density

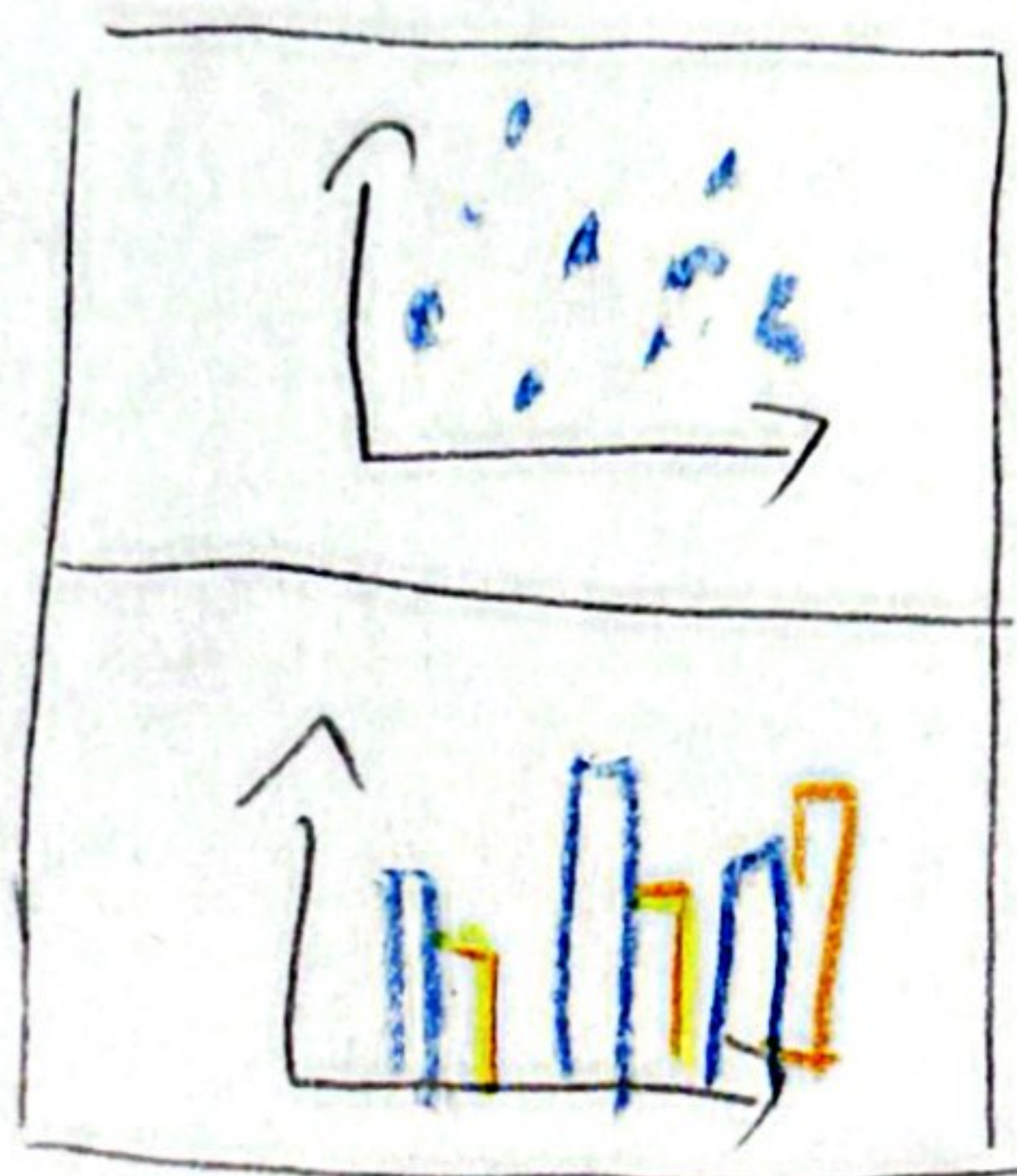
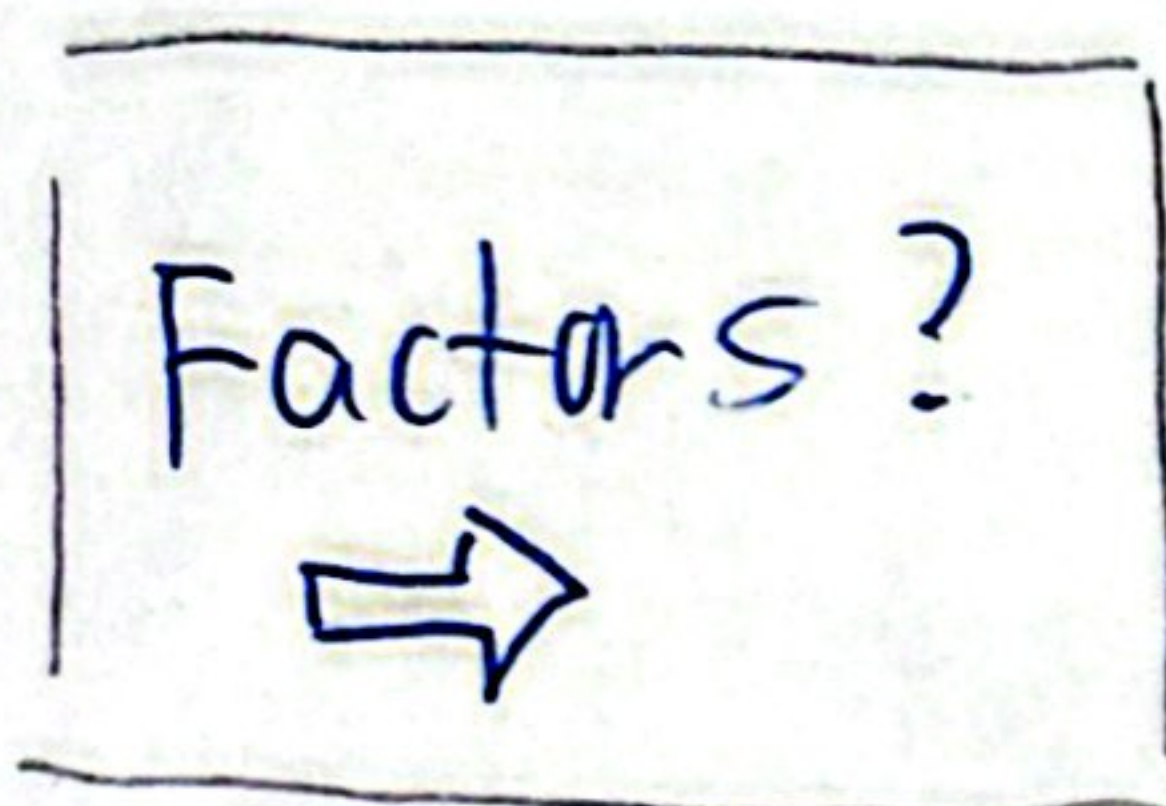
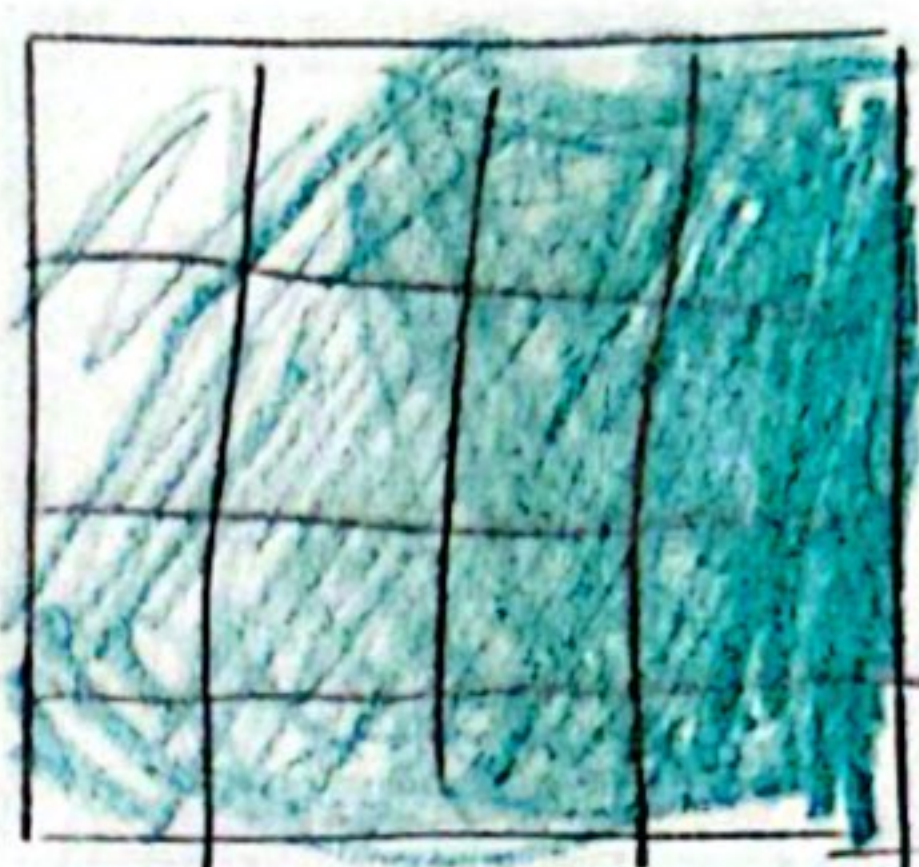
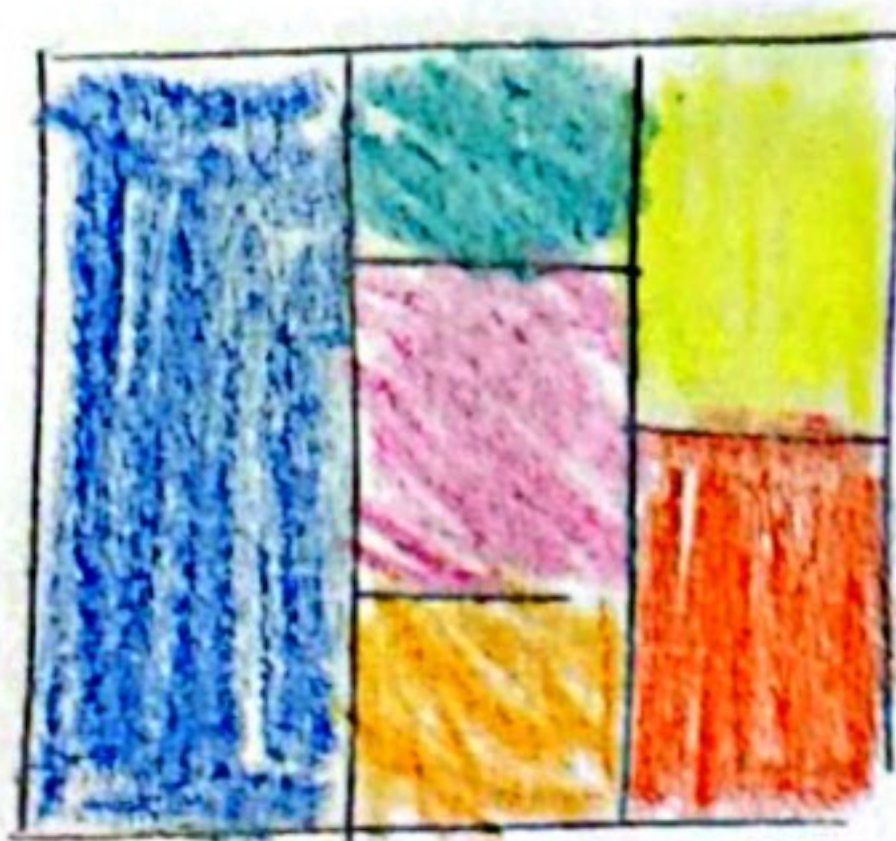
↑ technical complexity

LAYOUT



Malaysia

select year 2010



Title

Author : Zi Yi Wang

Date 14/10/2025

Sheet 3

Task Design storytelling

OPERATION

Map : Hover + Click

Heatmap : Hover + Brushing

Bar chart : Legend

Filter + Sorting

Timeline : Hover
Tooltip +
Animation

FOCUS

How are Malaysia World Heritage sites distributed

How does domestic and international tourism vary by region

What is the relationship between heritage and tourism

Discussions

National Focus

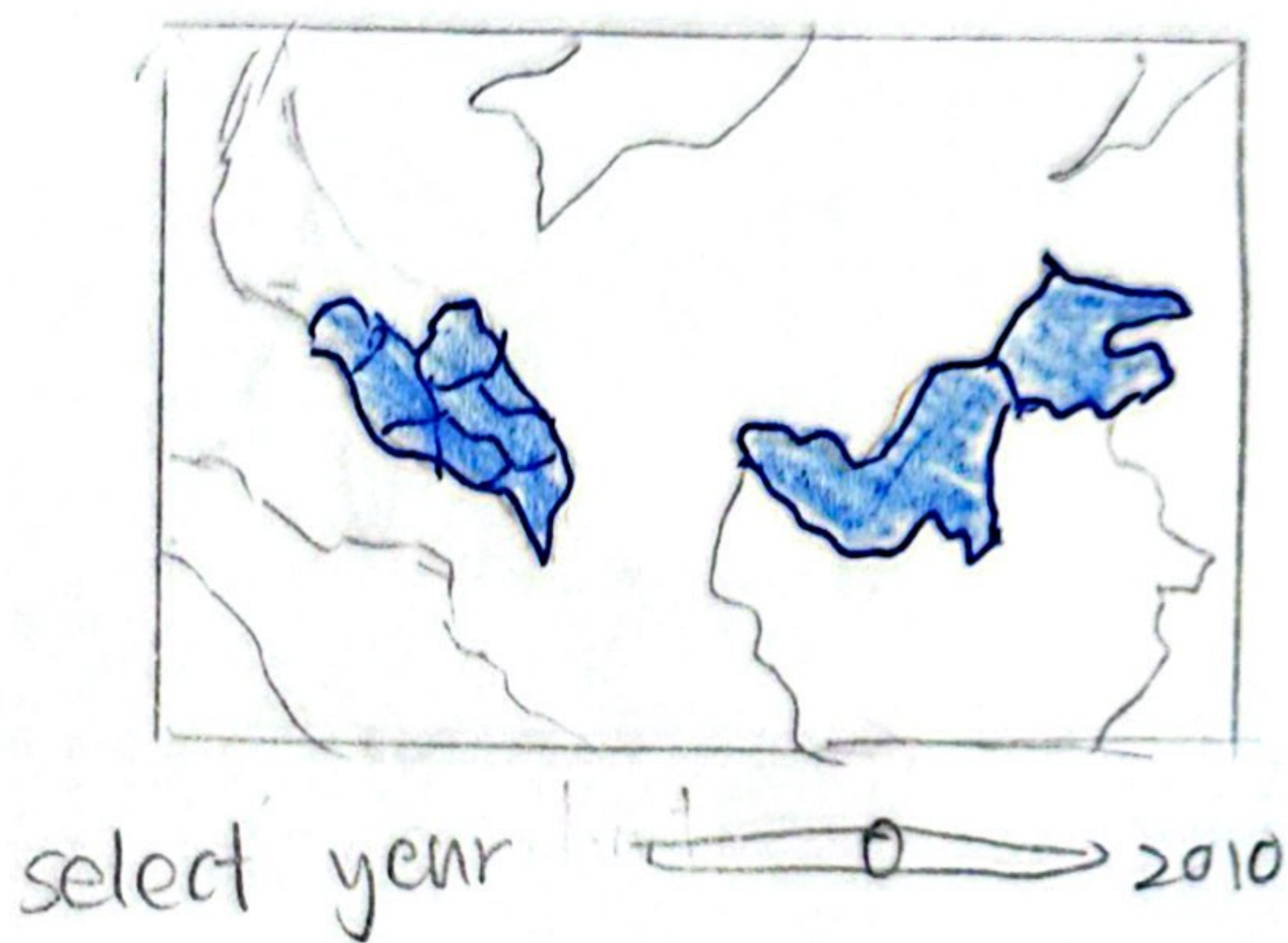
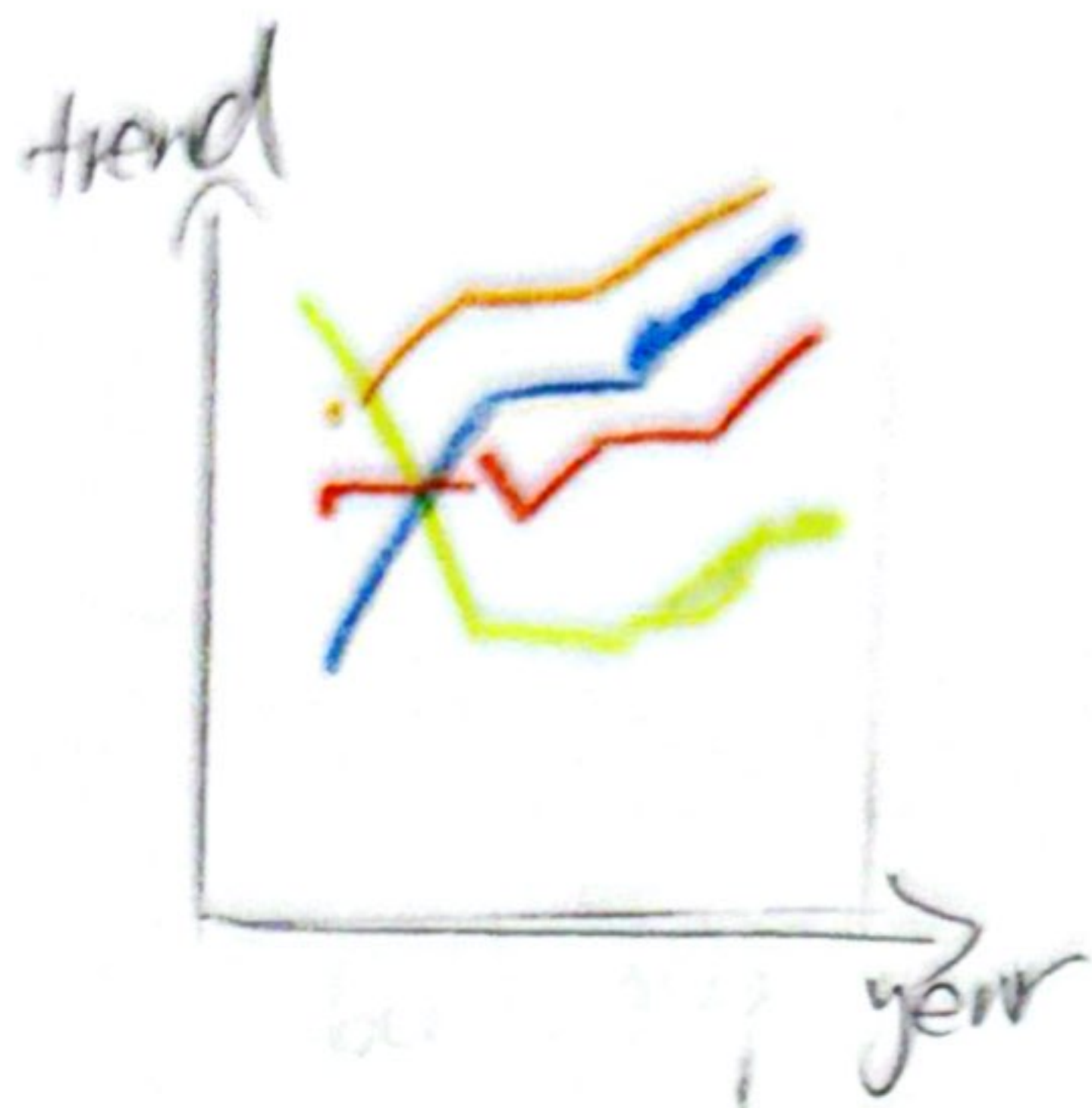
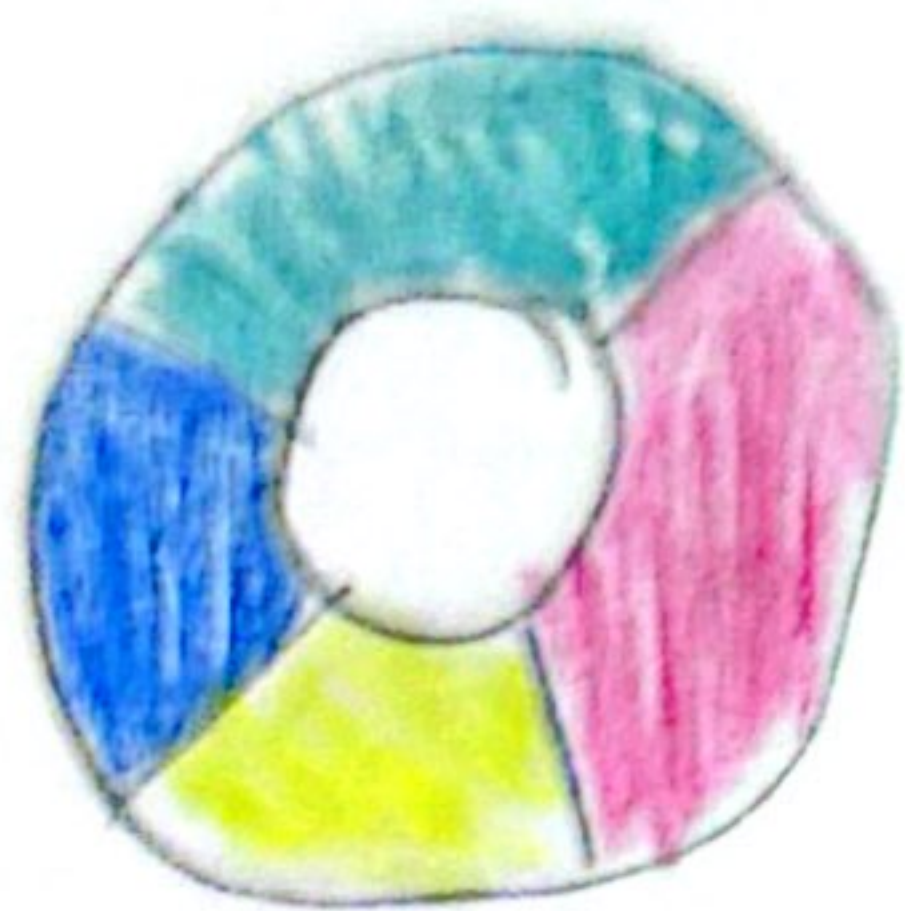
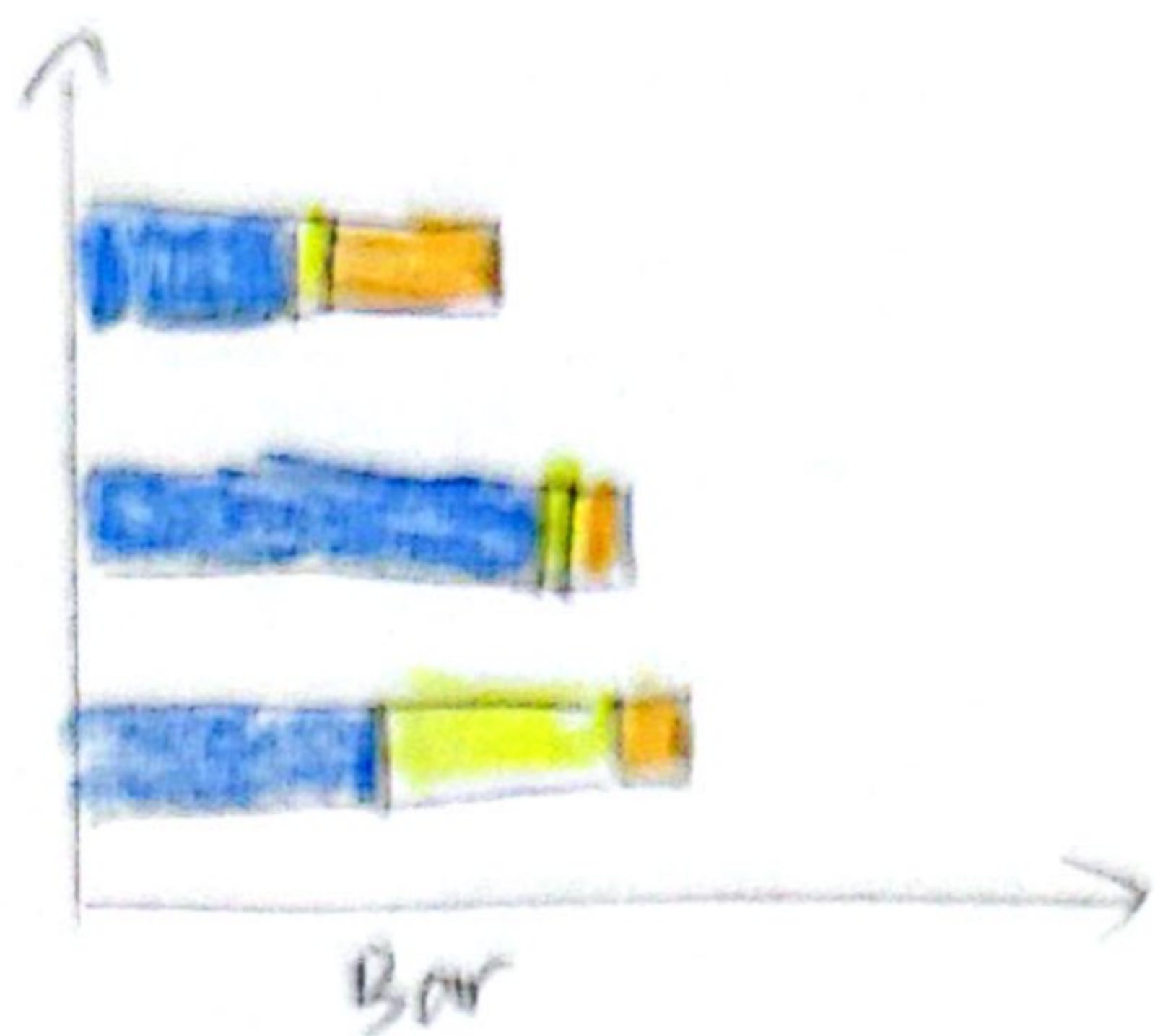
Multiple charts type

Storytelling potential

Lacks direct comparison

Complexity increase

LAYOUT



Title

Author Ziyi Wang

Date 14/10/2025

Sheet 4

Task ~~Asia~~ Asia focus design

operation:

stacked bar chart.

→ Legend Toggle
+ Hover Tooltip

Pie chart same

Line chart: Hover
+ Multi-line Highlight

ASEAN MAP.

Click Filter +
Tooltip

Coordination

FOCUS

Number of heritage sites by type

Overall global proportion of heritage types

(1945 - 2025) arrivals

showing intensity and relative position

Discussion

High analytical clarity

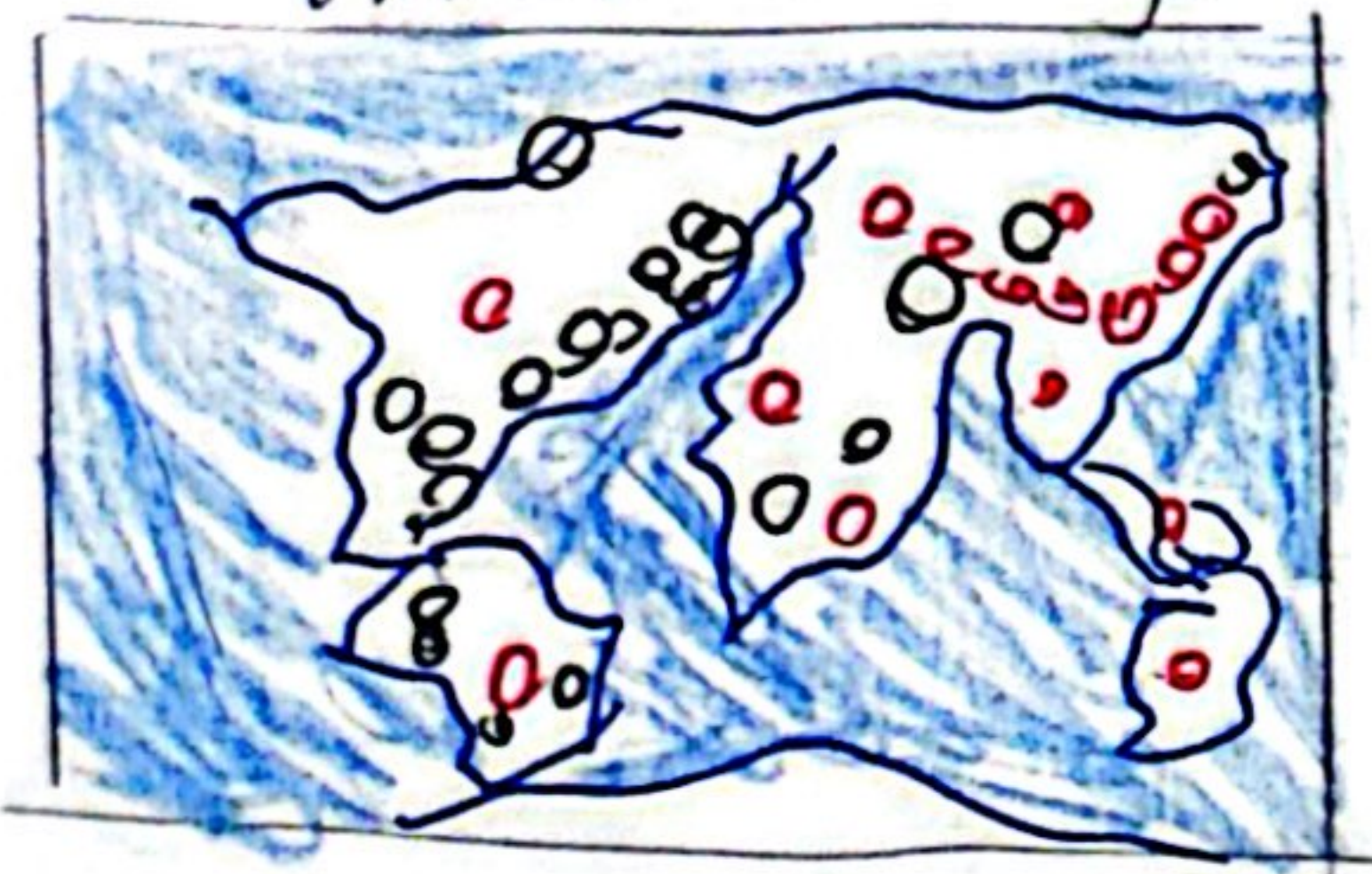
Flexible interactivity

Lacks emotional narrative

Inter-chart requires
careful normalization

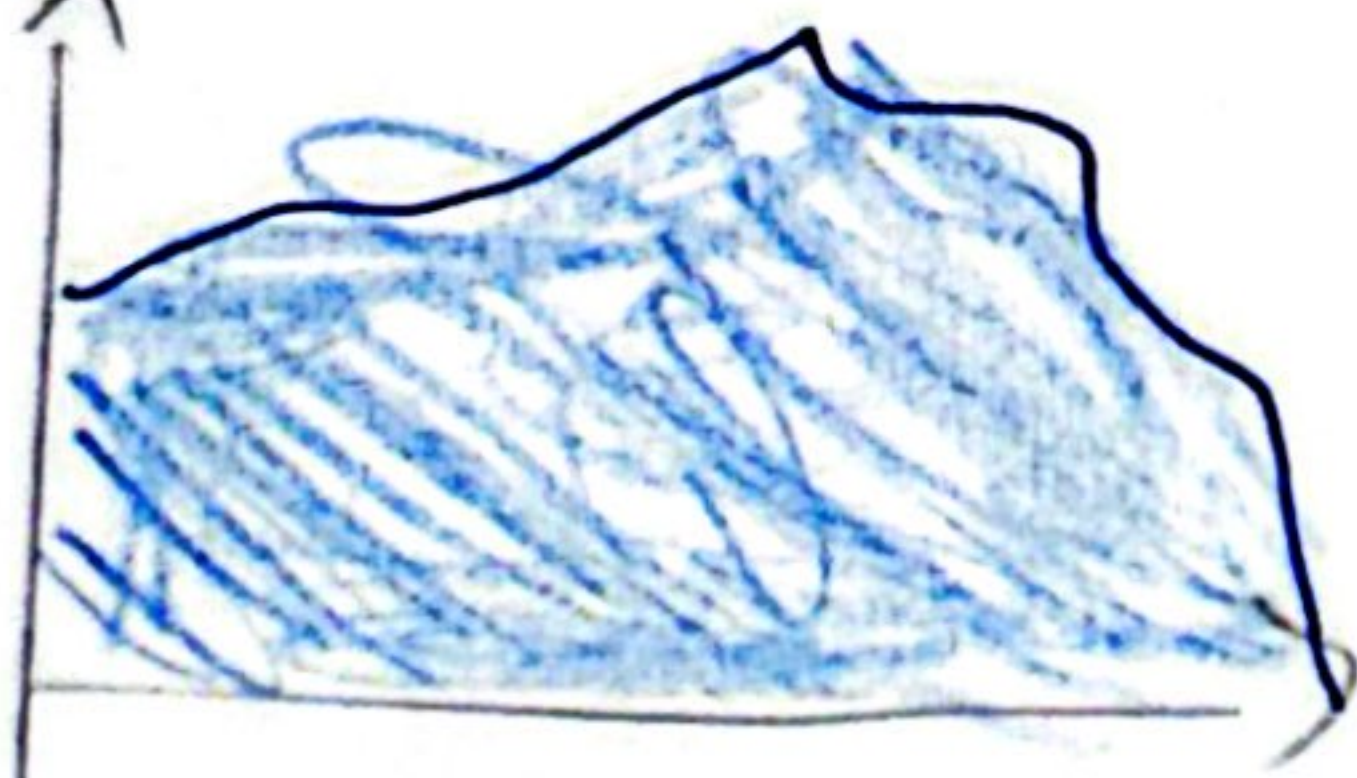
LAYOUT

World Heritage



Arrivals

zoom

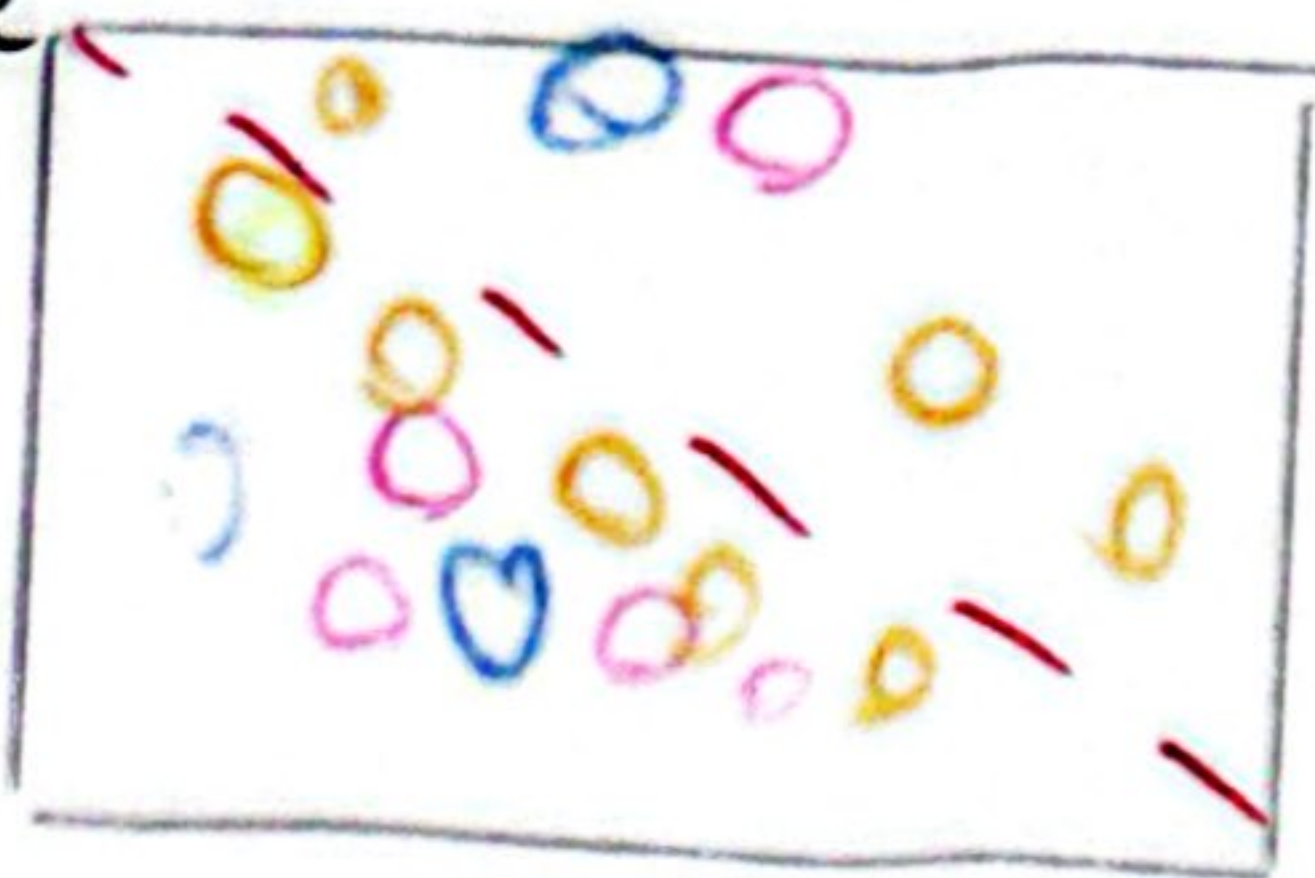


year

brush

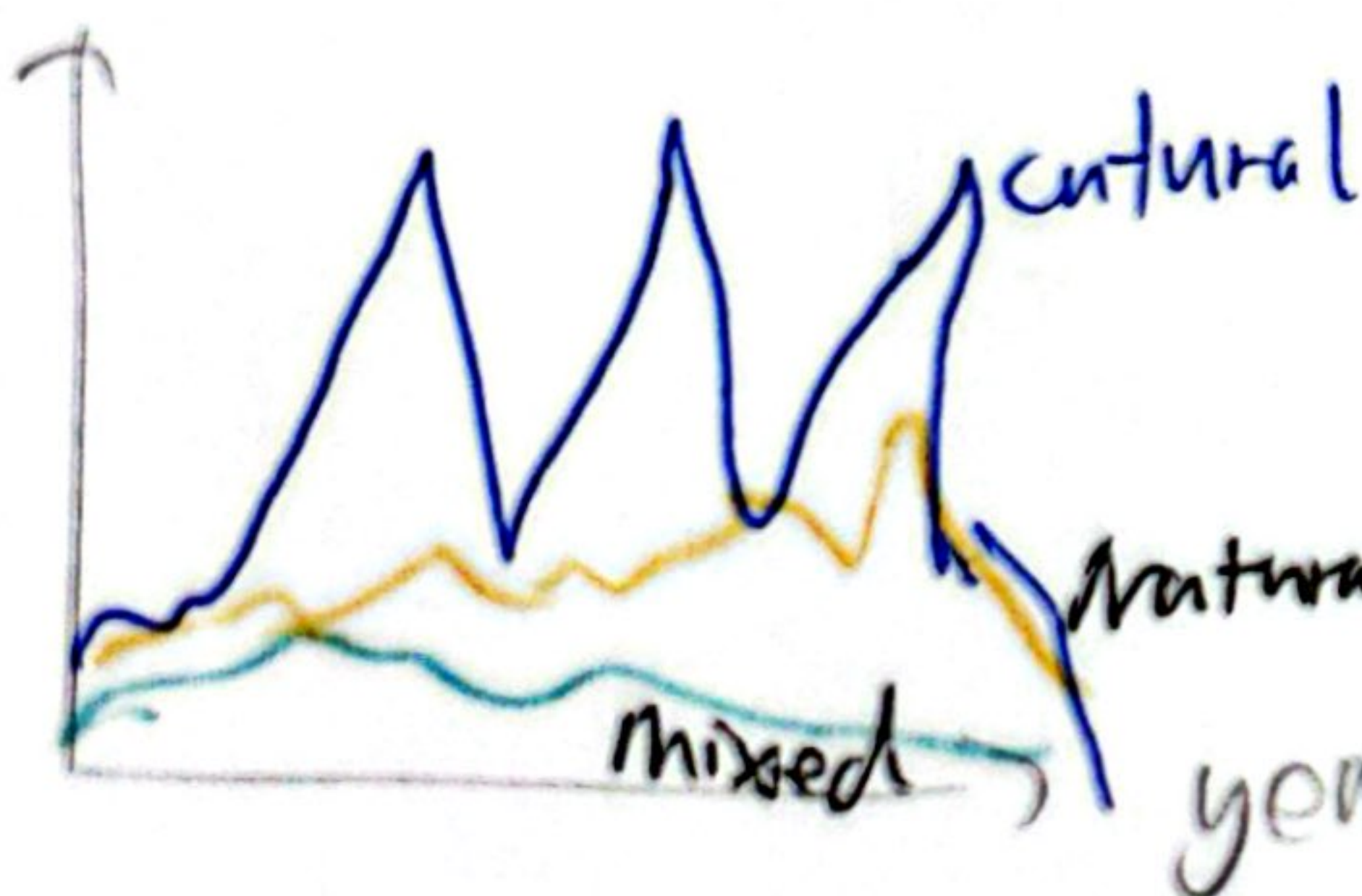
year

Site



Arrivals

Site



natural

mixed

year

DETAILS

Tourism Brush chart (1995 - 2020)

Scatter: Heritage Vs Tourism per country

Area Chart: Heritage Growth by type

Malaysia Fases: Display ~~retail~~ national increase

Title Final Design sheet

Author ziyi Wang

Date 14/10/2025

Sheet 5

Task: Final Implementation Design

OPERATION

Add cross-view linking between scatter points and the map for more intuitive exploration. Introduce animated transitions when switching years or filtering categories

Incorporate tourism revenue as an additional metric for deeper context

DETAILS

shows a meaningful balance between data accuracy, visual aesthetics and user engagement