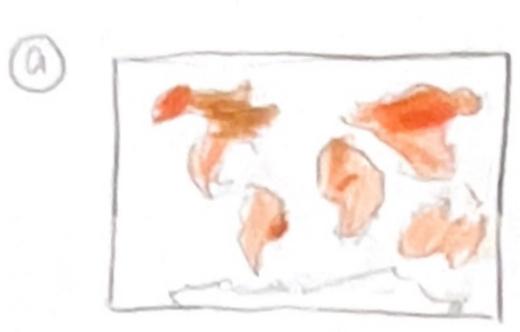
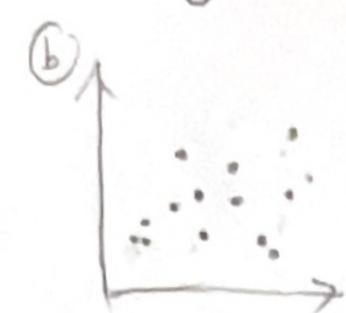
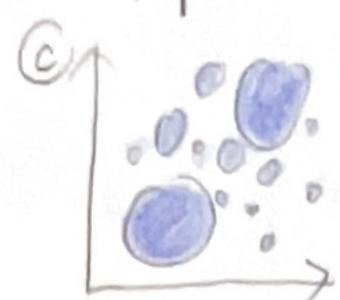
LDEAS

Global Museum Density Relative to Population

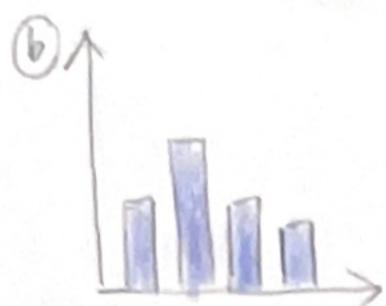


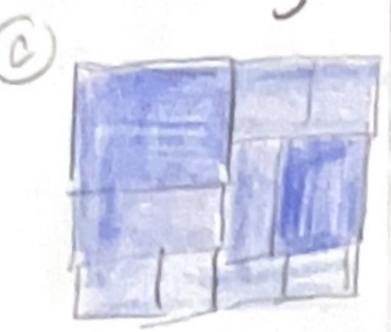




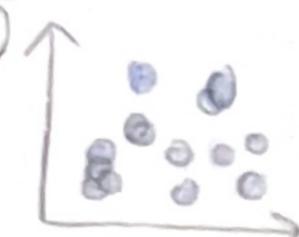
Museums Per Area Across UK County

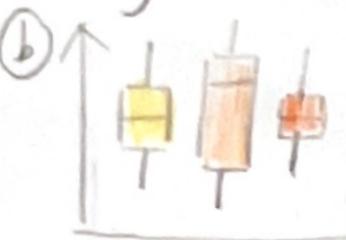


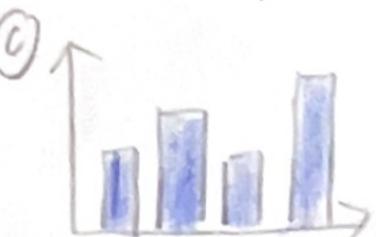




Museum Density in UK (per 100K population,



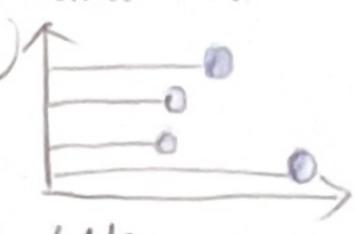




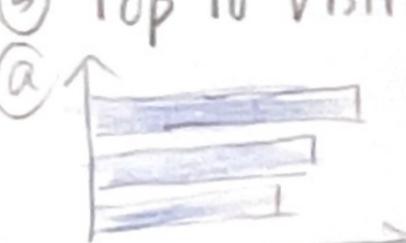
Museum Collections Subject Breakdown Across UK

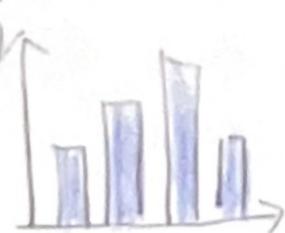


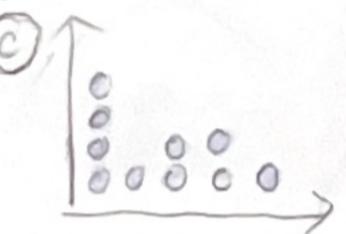




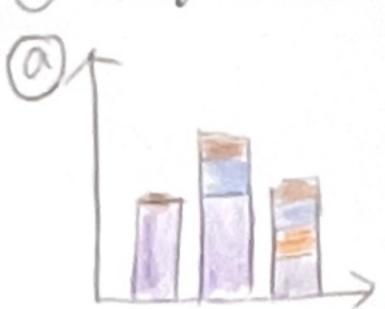
Visited Museums in UK







Acquisition Over Time in British Museum







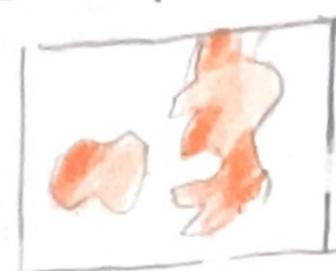
COMBINE & REFINE

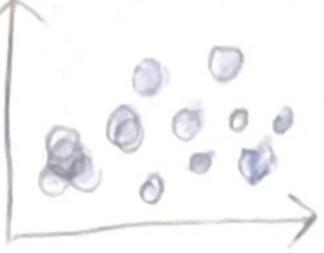
For the 6 , Acquisition Over Time in British Museum, I combined Bar Chart and Line charl to show the trend. which year has highest object collection



06 Chloropleth Map @ Ochloropleth Mop



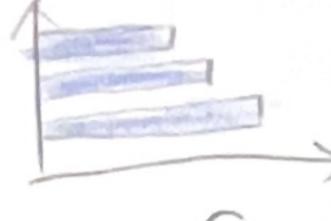


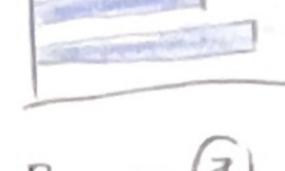














CATE GORIZE

Museum

Qualitative

Quantitative

Y Count / Population (

Count / Area 3

4 Count Per 100K2)

> Top 10 mureum (s) 9 Number .f object acquired over years (6)

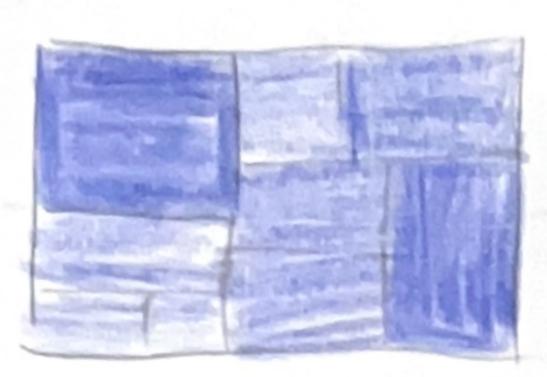
9 Subject of MUSEUM Collection 5

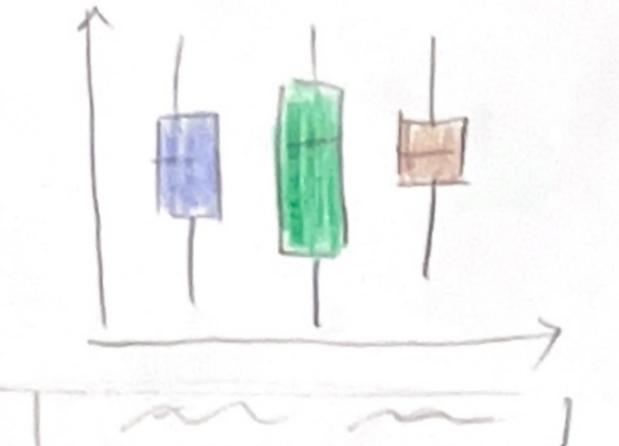
- 1. Where-in the world can people easily access museums!
- 2. How are museums spread across UK!
- 3. Are densely populated areas better served by museums?
- 4. What kinds of museums are most common across uk.
- 5. Writch museums are most popular.
- 6 Honhas top I museum's collection evolved

MUSEUM



Museum Per Area (ur) Museum Density (uk)





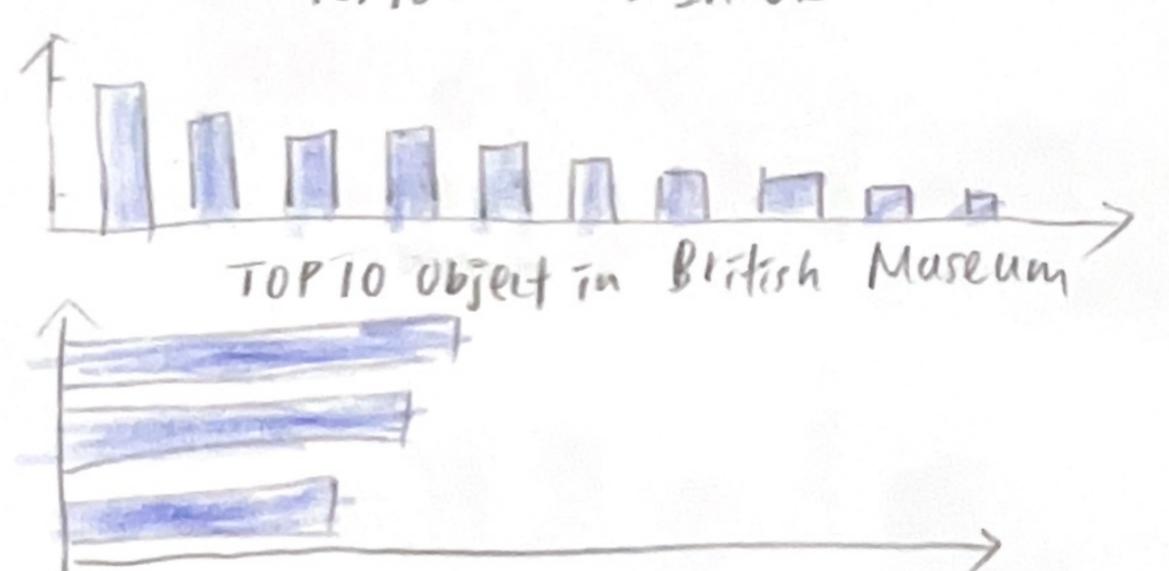
Museum Subject in UK

BUTILITIES WAR MIXED
BUTILITIES WAR MIXED
BUTILITIES WAR MIXED

BUTILITIES WAR MIXED

PERSONALITY

TOPID MUSEUMS In UK



Focus

- 1) Focus on how museum distribute in each countries.
- Dive into one of the country to have a further investigation about how area and density affect.
- 3 Dire deeper. list out top 10 and dire into top one visited Museum land show the top 10 lobject type that have the most.

Author: Fing Shu Hai

Sheet: 2

Date : 10/10/2025

Task: Layout Design 1

OPERATION

Tooltip

Gountry, Museums Countre
Population, Museums perlock

> Museums count, Area

4 LAD. Museums Count, Population

& Subject, Maseum Counts

Annotation

Highlight countries with highest museum density.

> Highlight and explain a bit why boxplot get this visualisation

DISCUSSION

Advantages:

1) The idioms are clear and straightforward.

2) Users can interact easily as there are no complex annotations.

Disadvantages

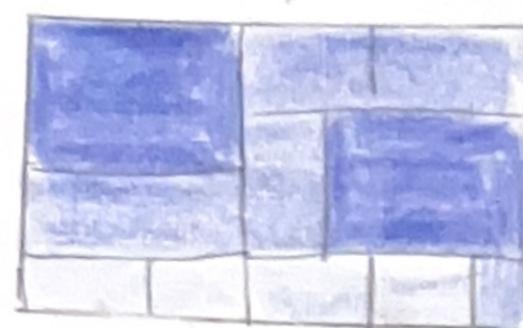
- 1) The big title and title for each graphs is too simple and not specific.
- (2) No storytelling, suddenly jump from worldwide to ut.

LAYOUT

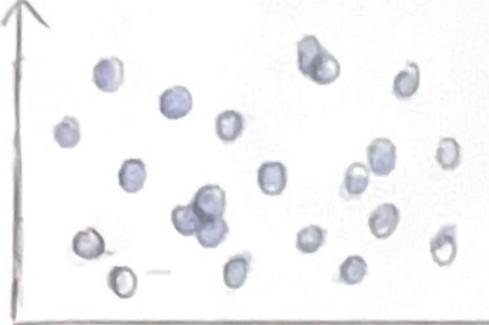
DISCOVER MUSEUMS



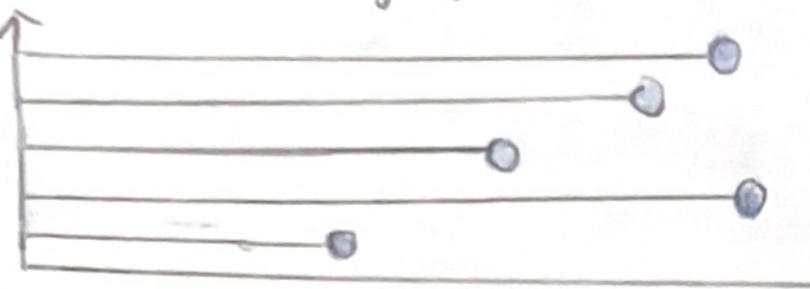
Museums Per Area Across WE LAD



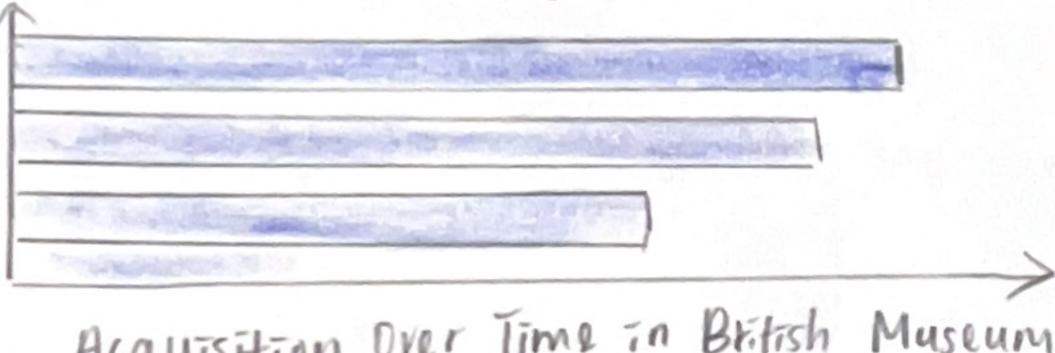
Museum Denstty in UK



Museum Subject Breakdown in UK



TOPIO Visited Museum in UK.



Acquistion Over Time in British Museum



Author: Ting Snu Hui

Sheet = 3

Date : 11/10/2025

Task : Layout bestgn 2

OPERATION

Tooltip

Gountry, Museum Count, Population, Density

> Museum Count, Area

> LAD. Museum count Population

Subject, Museum Count

I Year, number of objects.

Annotation

9 Highlight countries with highest density in global

9 Add museum connt on collipsp ohart

& Add highest trend on Line + Bar Chart

FOCUS

Focus on exploring distribution, diversity and significance museums from global to uk.

(3) Highlights patterns of inequality, such as LAD with few museums despite large populations or areas.

3) Explores how museums interest quolles over time.

DISCUSSIDN

Advantages

1) Clear from and idioms

2) Data normalized for maps

Disadvantages

1 Lack of falter

1 Lack of text

LAYOUT

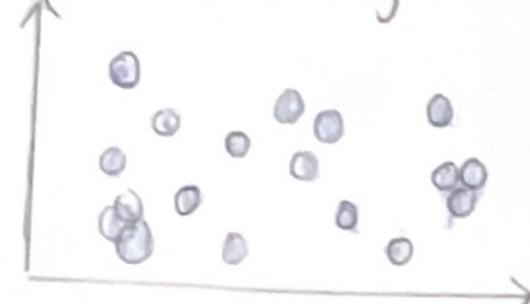
DISCOVER MUSEUMS: EXPLORE UK & GLOBAL COLLECTIONS

Global Museum Density

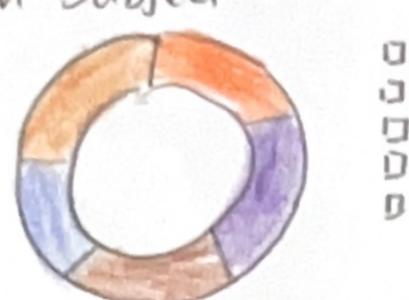


Explore UK Museum

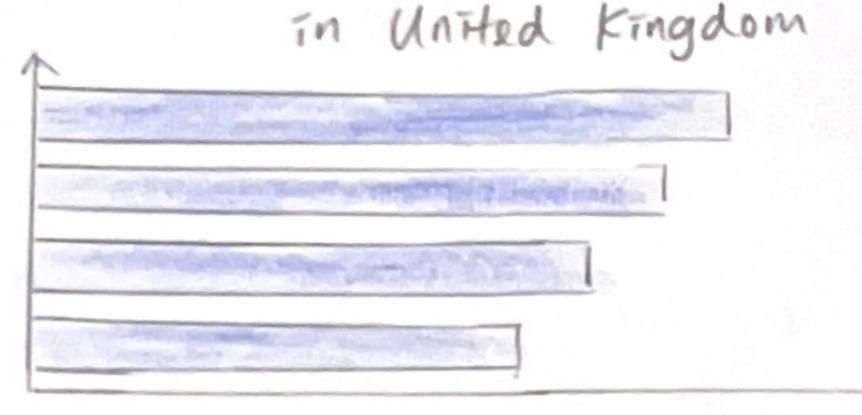
Museum Denstty in UK



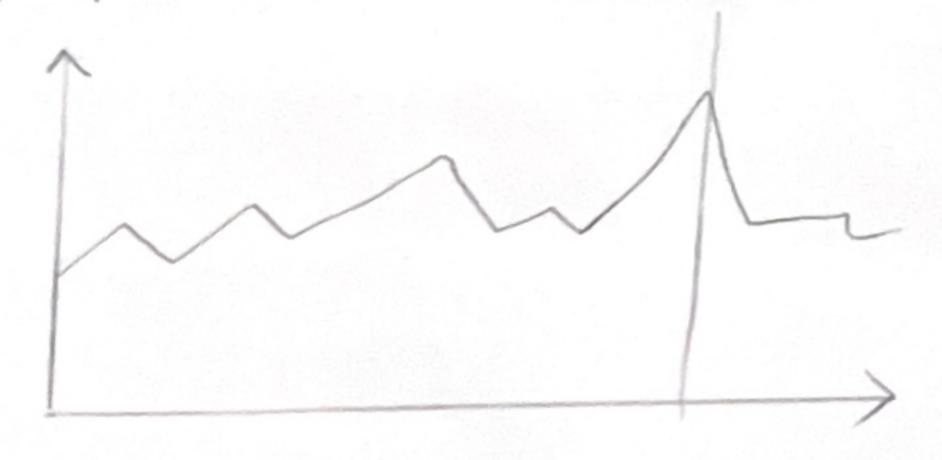
Museum Subject Breatdown



Top 10 Visited Museum
in United Kinadom



Acquisition Over Time in British Museum



Focus

- 1) Focus how museums reflect cultural presence, accessibility.
- (3) Criving insight how cultural interest have developed.
- 3 Focus on UK instead of showing how global has accessibility.

Author: Ting Shu Ti

Sheet: 4 pate: 11/10/2025

Task. Layout Design 3

OPERATION

Tooltip

Country, Counts,
Population, Density

Gount, Area, LAD

> LAD, Court, Population

Year, number of objects.

Annotation

y give actual values for pre chart

Gannotate line chart peak.

DISCUSSION

Advantages

- The idioms are straightforward, easy to follow.
- Strong insights, Visual clarity as Using of normalized views.

Disadvantages

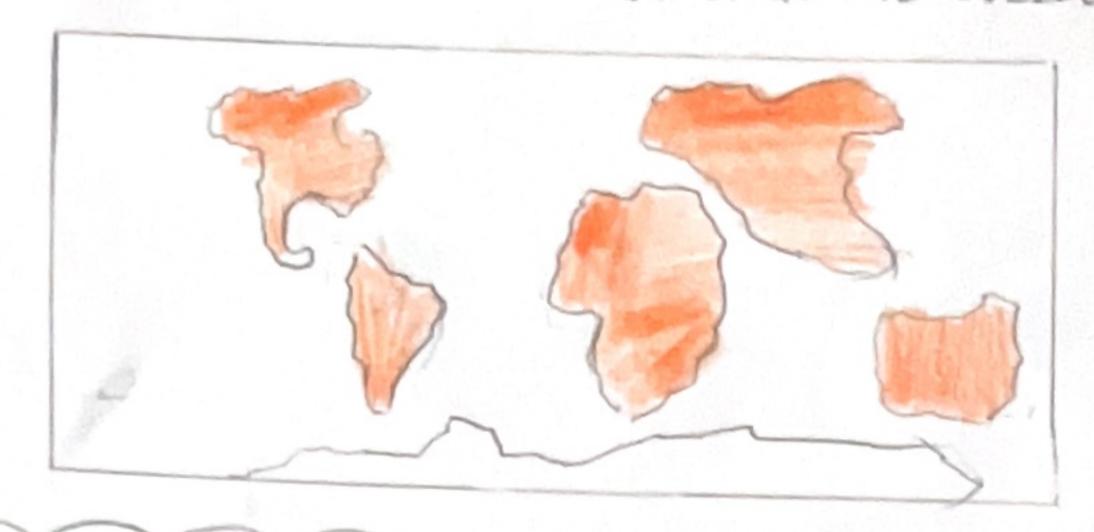
1 Lack of filter

DLack of storytelling

3) Hard to cotch point, grobal and UK shouldn't be side by side

LAYOUT (Combined layout 2k2)

DISCOVER MUSEUMS: EXPLORE UK & GLOBAL COLLECTIONS



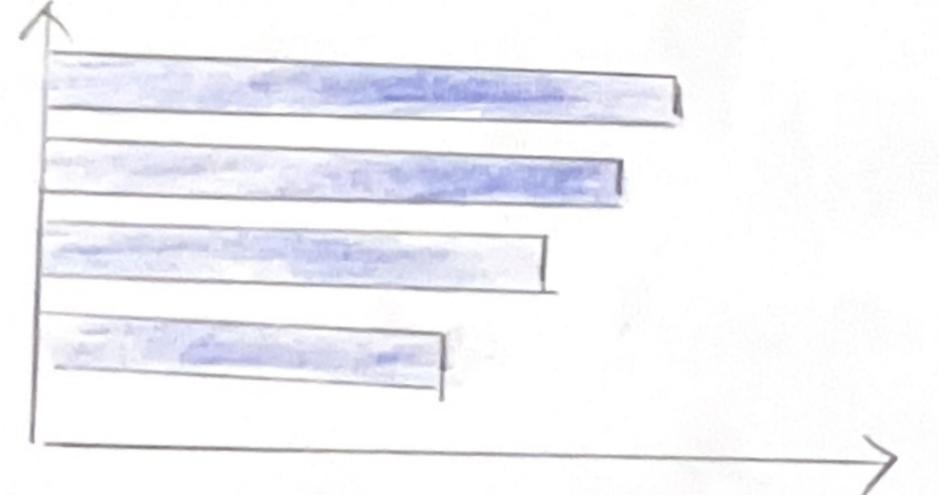
Explore UK Museums

Museum Count Per Area across UK LADS



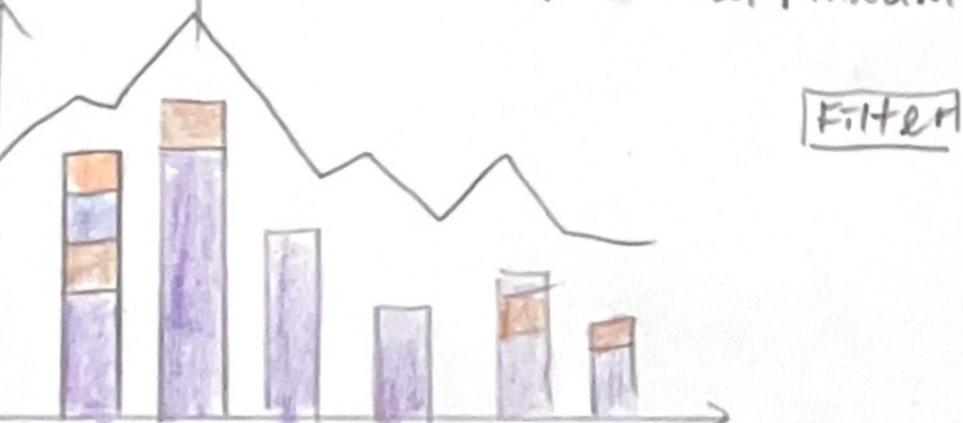
Museum Density in UK Museum Subject Breakdown

10p 10 Visited Museum in UK



Acquisition Over Time in British Museum





Author: Fing sha Hui

Date: 12/10/7025 Task. Final Layout Design

OPERATION

TOOITTP

> Country, Count, Population, Denstry

7 Count, Arra 4 LAD, Court, Population

S Year, number of object

Annotation

> Highlight highest density in buth map 9 Add in trend why acquired the most in that museum.

filter

Dropdown fitter by range of tear because dota too large.

Focus

1) Focus on storytelling, exploring museum distribution! trends across different context, from global to UK-specific insights.

3 the deeper and deeper global = UK > top Io museums -> top I museum acquisition

DETAILS

Dependencies: Vega 17te, 15 code, python for preprocesting

1 Clean data (2 days)

(2) Plot graph (1 week)

(3) Combine and add text