IDEAS

Map

→ colour = heritage type
→ size = endorsed significance

Map of ~~south Aus~~ NSW

heat map for density of heritage sites

Scatter plot

endorsed significance

→suburb

significance
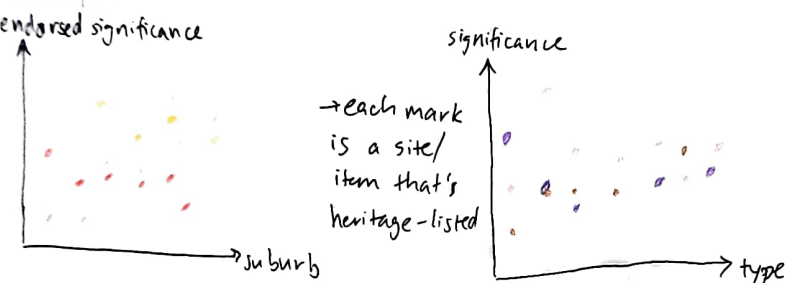
→each mark is a site/ item that's heritage - listed

→ type

Pie/Donut

→each slice = heritage type
→ size of slice = ~~how~~ proportion that is of that type

(stacked) Bar

no. of sites

→suburb
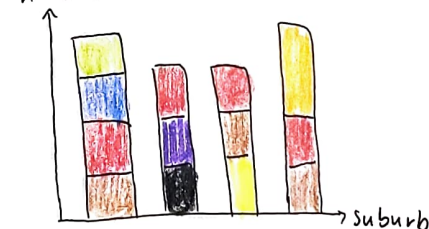
→ colour = type of heritage

Treemap

→colour = suburb or group
→size = no. of heritage sites/ items

FILTER

Map

→each mark = a site/ item

Scatter plot

significance

heritage type

Treemap

CATEGORISE

- Showing locations quickly:
  - Map →shows where on the map the site/item is

- Comparisons:
  - scatterpbt →see which sites are more significant
  - Stacked bar →side by side comparisons of which suburbs have more sites
  - pie chart → shows proportions
  - treemap → also shows relative sizes by no. of sites/items

COMBINE & REFINE

colour = suburb

BUILT

MOVA-BLE

MISC.

COMPLEX/GROUP

ARCHAELOGICAL

LANDSCAPE

~~tooltip~~

TOOLTIP:
- School & how many from that school
- ~~Address~~
- Endorsed sig.

↳tooltip applies to map
 ↳hover over a point to see the ~~school~~ name(s) & address, item

QUESTION

1) Are the idioms intuitive?

2) Is the dataset represented cleanly?

3) How easy is it to see more detail?

4) What information should be shown to be useful?

5) How can information from each idiom be used in ~~conjunction w/ others?~~

LAYOUT

TITLE: NSW Gov. Schools w/ Heritage Buildings / Items
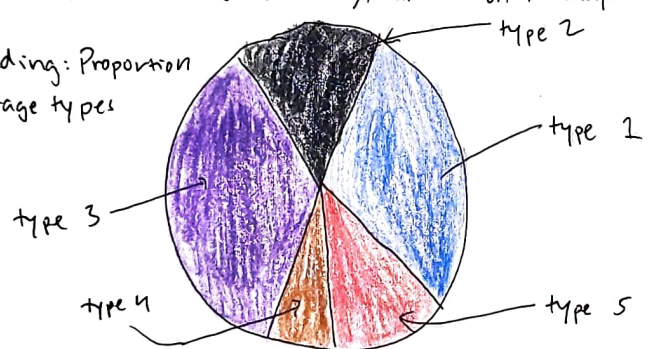METADATA
source: link to data source

Text: more info. about the topic/provide context
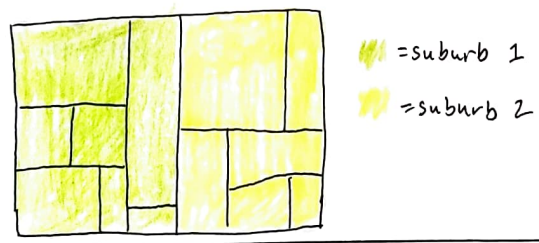
significance
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

map of NSW
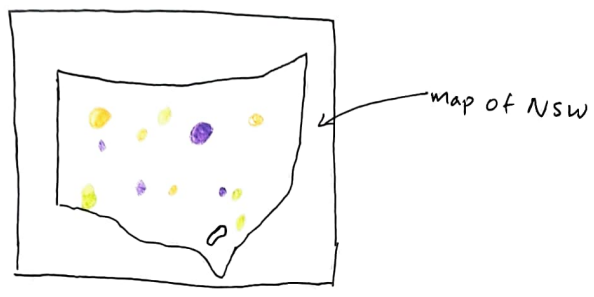
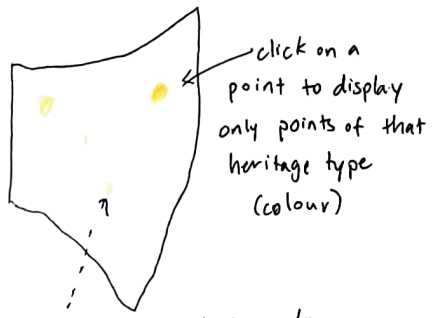Text: What points are interesting/stand out on the map

type 2
type 1

Sub heading: Proportion of heritage types

type 3
type 4
type 5

No. of heritage sites in NSW government ~~sh~~ schools per suburb

▨ = suburb 1
▨ = suburb 2

OPERATIONS

- Click on points on the map to filter which points to display

- Hover over a point for info. about that site/location

- ~~Click~~ Hover on one tile in the tree-map to see a list.
  - total count
  - ~~school name~~ ~~of sit~~
  - item name
  - address

FOCUS

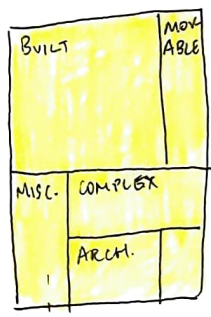click on a point to display only points of that heritage type (colour)

hover: info. about that site/item:
  - type
  - significance
  - ~~school~~ name item
  - address
  - local gov.

For each suburb (colour):
→ size = no. of that type
→ hover for tooltip

BUILT | MOV ABLE
MISC. | COMPLEX
ARCH.
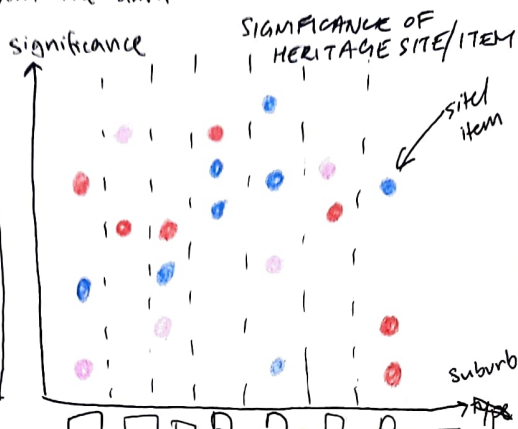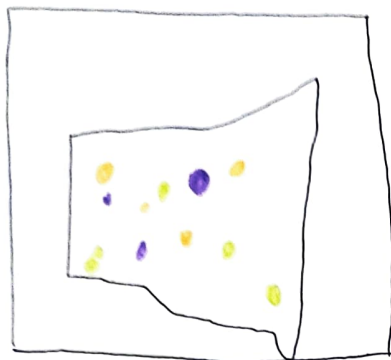
List of sites ~~in the~~ of this type

DISCUSSIONS

- Easy-to-follow magazine-style structure

- As the ~~browser~~ user goes down the page, more detailed charts

- May result in a very long webpage that requires lots of vertical scrolling

- Not as convenient if all data wants to be viewed at a glance

LAYOUT

TITLE:

Text: More info / context about the data

significance

SIGNIFICANCE OF HERITAGE SITE/ITEM

site/item

suburb

BUILT | BUILT | MOVABLE
MOVABLE | MISC. | MISC. | COMPLEX/GROUP | NATURAL
| | | ARCHAELOGICAL | LAND-SCAPE
LANDSCAPE

No. of heritage sites in NSW Gov. schools by suburb

Text: explaining interesting points of data that may be of note

Metadata: Author:
Date:
Source:
etc.

OPERATIONS

- Click on map points to filter

- Hover on map points for more info about that site

- Buttons for the scatter plot to choose which suburb's data to display/hide to make reading graph easier

- Hover over a tile in treemap for more info
  - list of heritage items & count for that tile (which is a category of suburb + heritage type.

FOCUS

TOOLTIP/Pop-up:
- item name
- type
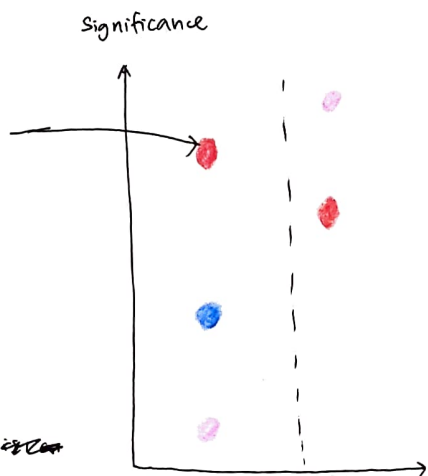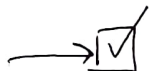- significance
- address

→ colour = heritage type

→ position = which suburb item it belongs to

Significance

Suburb

button to display/ hide suburb

DISCUSSIONS

- Very cluttered

- Too much information in too little space

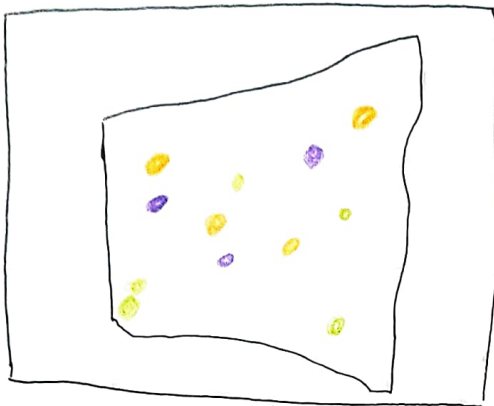- Scrolling is minimised, but at the cost of data being too small & may be hard to interpret/read.
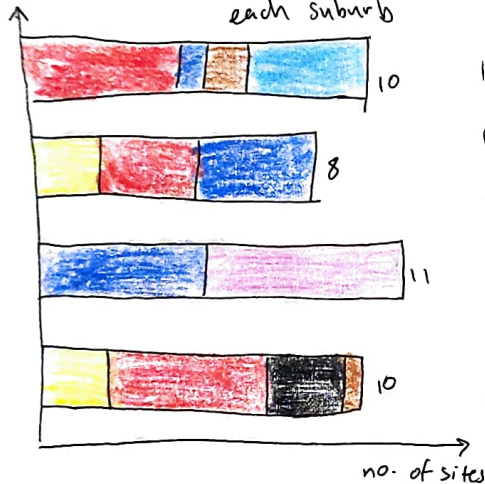
LAYOUT

TITLE

Text: provide more info.

Significance
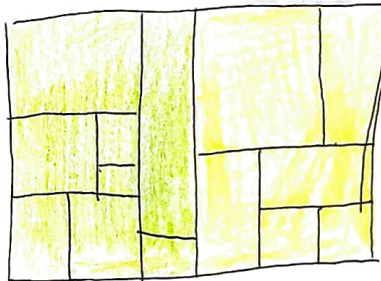- ° 1
- ○ 2
- ○ 3
- ○ 4
- ○ 5
- ○ 6
- ○ 7
- ○ 8
- ○ 9
- ○ 10

Text: explain any outliers/ points that may be of interest

LEGEND:
- = type 1
- = type 2
- = type 3

Suburb — No. of heritage sites in each suburb

10
8
11
10

no. of sites

INFORMATION:
→ info for each section can be displayed here for details.

INFORMATION:
→ info /list for ~~each~~ the tile can be displayed here

FOCUS

Suburb

→ colour = heritage ~~by~~ type

total is labelled here

10

no. of sites

hidden by default →

INFORMATION:
- list of the item name(s) in that segment (category) ~~a~~ will be shown here when segment is clicked on

list only on screen when a segment is clicked from the stacked bar chart

OPERATIONS

- Click on point on map to filter
  └ only display that type

- Hover over map point for info. regarding that specific site

- Tree map tile - ~~hover~~ click to see text displayed under the chart
  └ info about that tile hidden by default

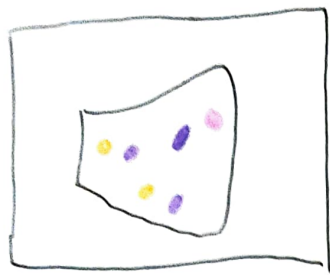- Click one a segment of the stacked bar chart for information to be displayed as text (list)

DISCUSSIONS

- A lot of information/data is needlessly repeated

- Clear hierarchy for eyes to naturally follow

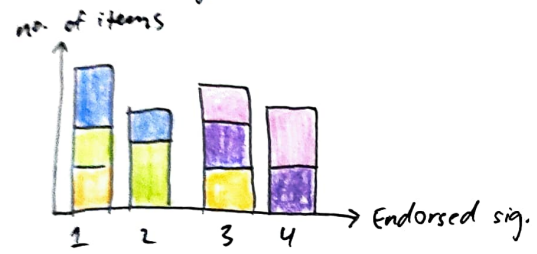- Charts are seperated neatly to make layout cleaner

LAYOUT

TITLE (centred)

1. Map of Sites

Text to explain the map here
↳ colour = type, size = sig.
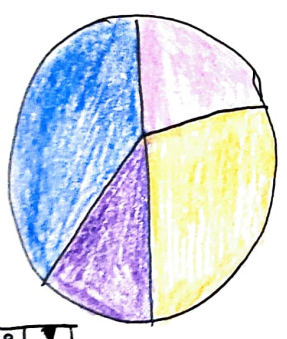↳ filter by endorsed sig. to prevent clusters
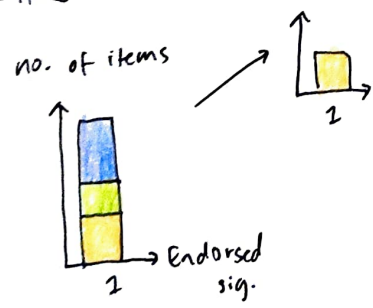
2. Endorsed Sig. of Sites

no. of items

→ Endorsed sig.

Text here to explain how chart works

Show All ▼

3. No. of Heritage Types per. ~~School~~ Suburb ~~& Suburb~~

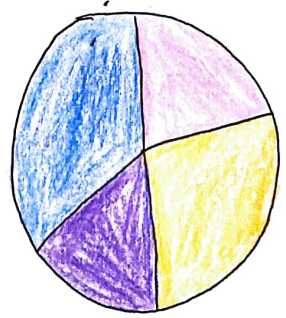Text to explain chart & data

School ▼

FOCUS

no. of items

→ Endorsed sig.

1

2

Built ▼   ←— select heritage type to show data for

count of each type for that school
tool tip

School 1 ▼

↑
default is all schools of that suburb, can choose a certain school

OPERATIONS

• Click on a map point to display only sites/items of the same type

• Slider on map to filter by endorsed significance

• Drop-down menu for stacked bar chart to show count of endorsed sig. for a heritage type

• To simplify the data, only schools in the top 3 suburbs w/ heritage sites will be used for pie chart

• Drop-down menu for selecting a specific school

DISCUSSIONS/DETAILS

• Magazine-style, easy to read/follow from top to bottom

• Data for different fields are displayed & broken down into details

• Aligned in ~~t~~ centre to naturally follow sight line

• Potentially low data-ink ratio & lots of white space may be ~~ever~~ present