

Idea

Wages

males vs females

pay gap

profession

states

industry

education

comparison

area graph

trend overtime?

Filter

Education vs Distribution

compare a distribution

Heat map → distribution

and compare states (normal)

Pay gap overtime

male vs female

Many topics → overwhelming?

Combine + Refine

Wage distribution; normalised

time slider + filter

Education, Profession, Industry, bar

compare, filter sex, time slider

Pay gap → highlight

difference overtime

group carefully

Question

Many ideas/topic → overwhelming?

highlight gender pay gap?

Use side-by-side graph?

bar chart?

sex filter

stacked bar?

distribution by sex

area graph

overtime accumulated

Wage distribution

Education vs Profession

Industry

Pay gap

Sheet 1

Henry Vo

Topic: Gender

Pay Gap, Australia

Date: 5/10

Idea

Wages

males vs Females

pay gap

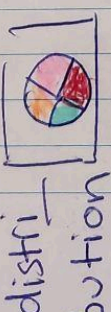
profession

states

industry

education

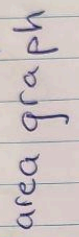
distribution



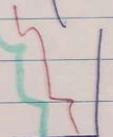
compare?



heat map



area graph



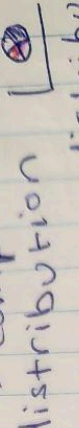
trend over time?

Filter

- Education vs

Distri profession

→ compare a distribution



- heat map → distribution

and compare states (normalised)

- Pay gap overtime

male vs female

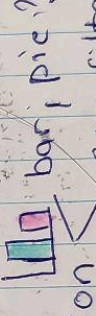
Many topics gap → overwhelming?

Categorize

Wage distribution

Heat map

state, sex filter



bar, pie?

sex filter

stacked bar?

distribution by sex



area graph

overtime accumulated

Combine + Refine

- Wage distribution; map (states)

- Education; time slider + filter

- Profession; Industry; bar

→ compare, filter sex time slider

- Pay gap → highlight difference overtime

group carefully

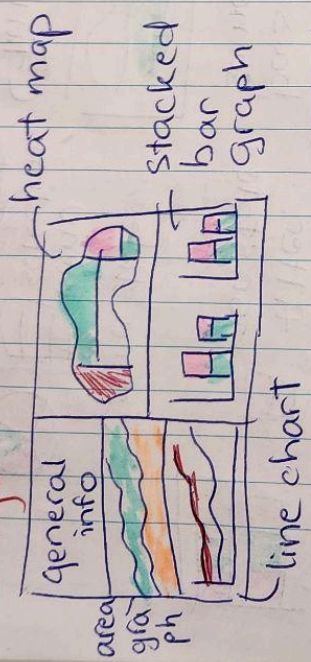
Question

- Many ideas/topic → overwhelming?

- highlight gender pay gap?

- Use side-by-side graph?

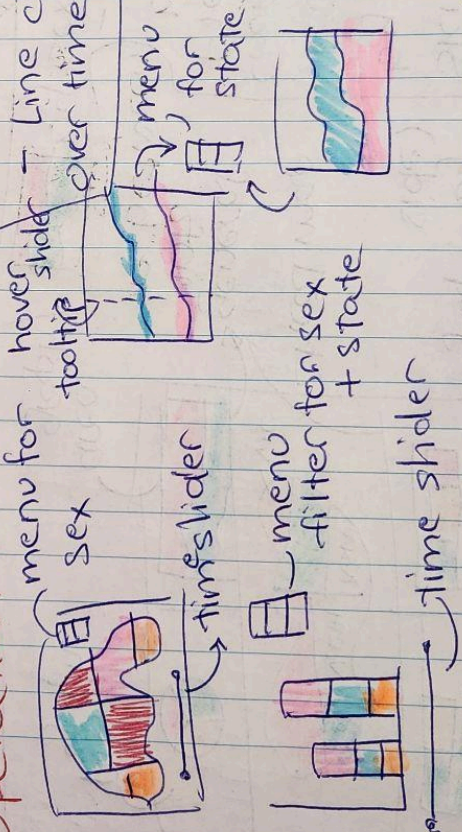
Layout



Focus

- Heat map: focus on distribution of wages over time, by sex (normalised gap by population)
- Area graph: focus on difference of wages between male + female over time → gap over time
- Stacked bars: compare between professions education level, number of people, by sex
- Line chart: trend of wages distribution over time, by states

Operation



Discussion

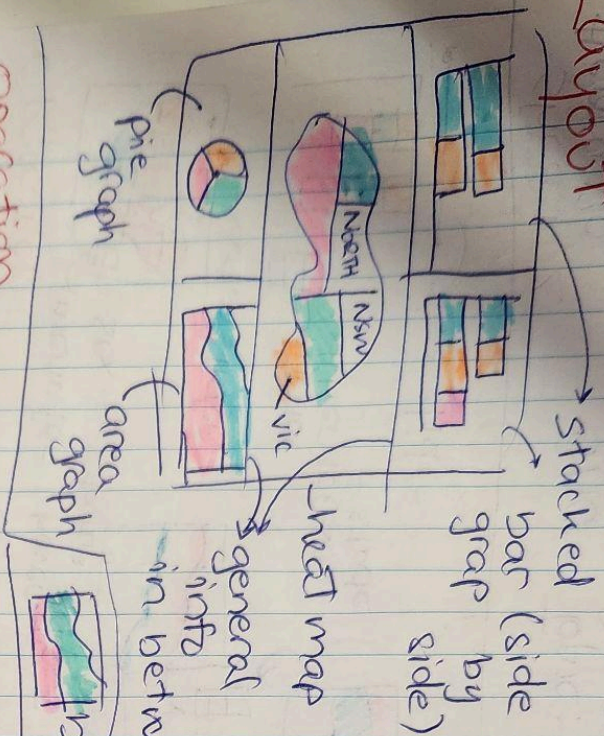
- Variety of graphs (repeat/ similar area + line?)
- Have highlight gender pay disparity enough?
- More diverse menu selection? Need
- Normalised data overall? or just for map?

Sheet 2
Henry Vo

5/10

Topic: Gender pay gap

Layout



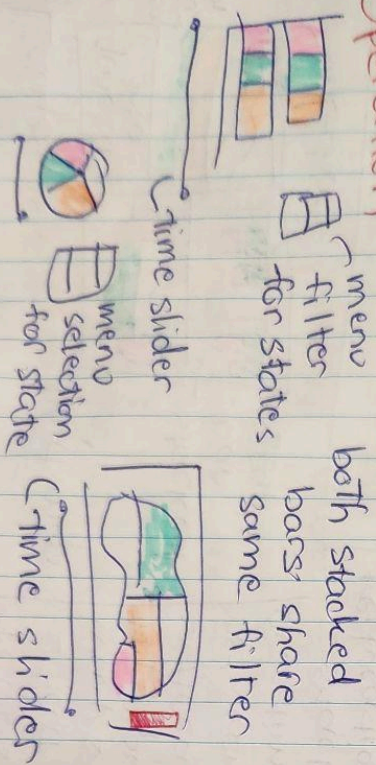
Focus

Stacked bar: education level vs Skill level (occupation, comparison by sex + state (side by side graph))

Heat map: Distribution of wages (normalised) overtime, by state

Pie: distribution of profession by sex, timeline

Operation



Discussion

- Heat map in middle → high high
- Pay gap not emphasised (red)
- enough → need to be bigger + middle
- Repeated filters / menu

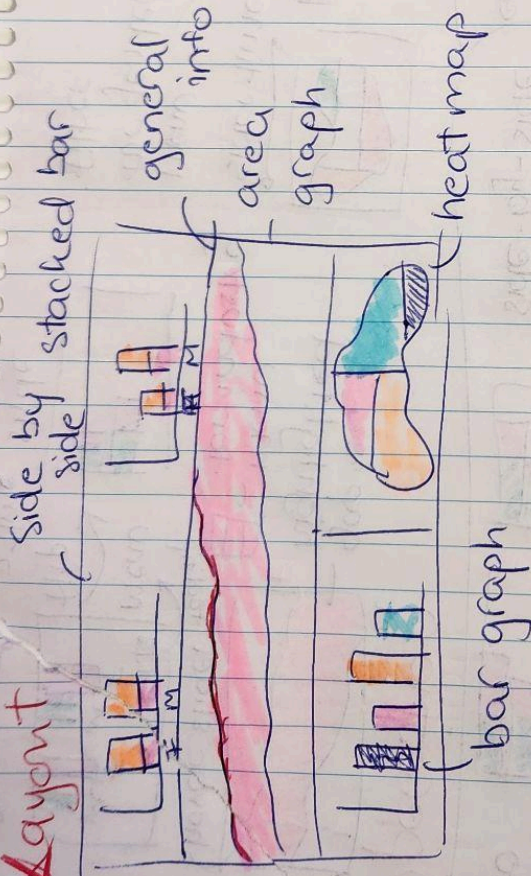
Sheet 3

tenny 10

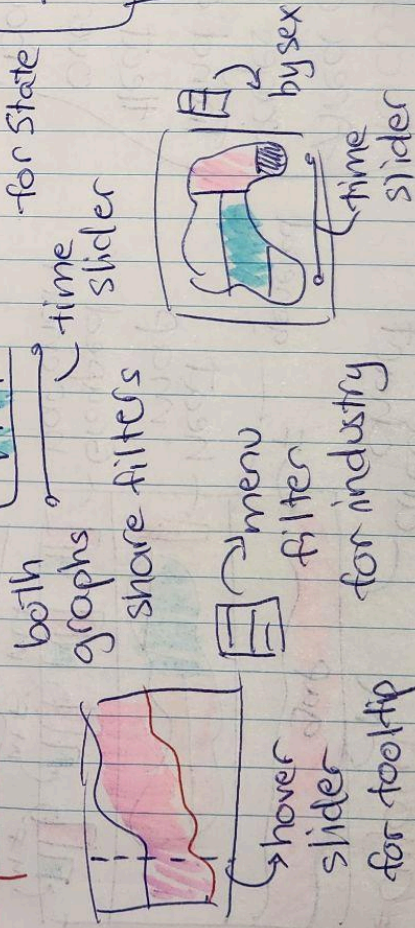
Date 5/10

Topic: Gender Pay Gap

Layout



Operation



Focus

- Area graph: Only shaded the pay gap \rightarrow highlighted. Trend of wages over time by sex
- Side by side bar graph: compare between education + profession, filters by state, edu \rightarrow L A H \rightarrow job
- Heat map: distribution by state + sex, with timing
- Bar graph: compare between industry, number of each sex

Discussion

- Many bar graphs \rightarrow repetitive
- Pay gap is highlighted
- Filters are a bit more diverse

Sheet 4

Henry 10

Date 6/10

Topic:

Gender Pay Gap

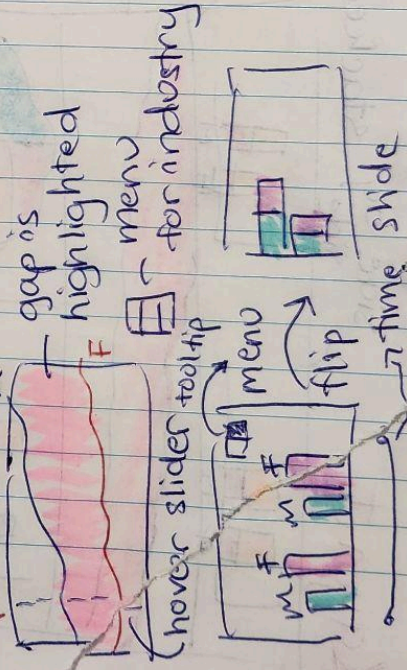
Layout



Focus

Area chart: focus on the gap between wages by sex over time
 Trend of wages by sex
 Heat map: distribution of wages over-time between states + gender
 Bar graph: Males + Female in each industry (wages)
 → Stacked bars: compare between educational level + occupation levels

Operation



Discussion

- Variety of interactivity
- More different filters
- Gender pay gap is highlighted
- Distribution of wages is highlighted

Sheet 5

Henry Vo

Date: 6/10