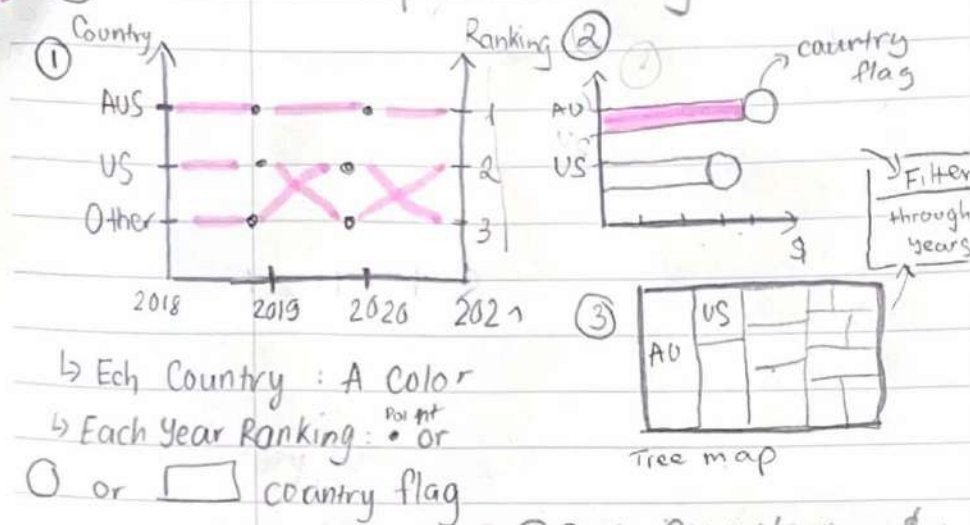


IDEAS

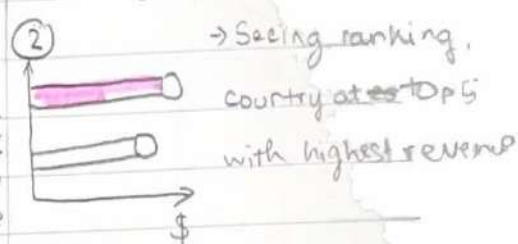
compare to other country \$

FILTER

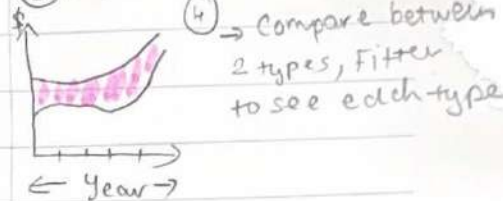
A Australia Export Leading Worldwide



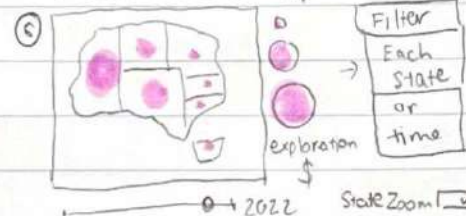
A Worldwide Mining Revenue



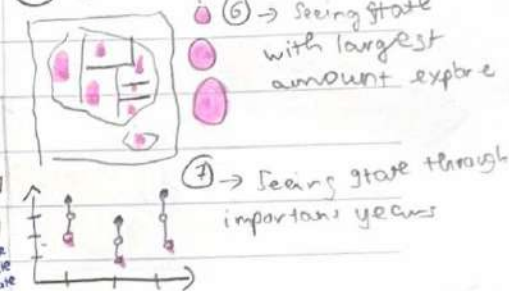
B Export VS Domestic



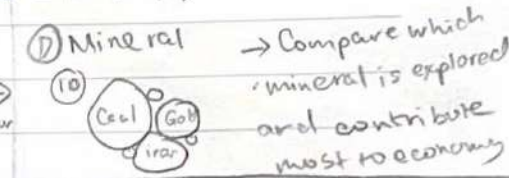
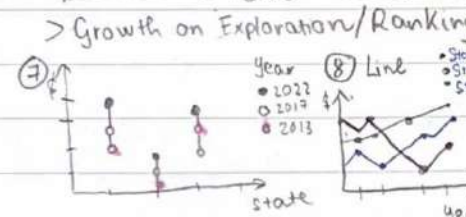
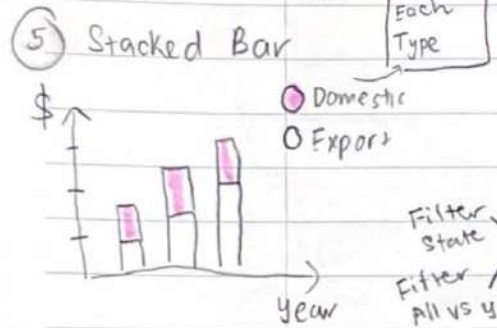
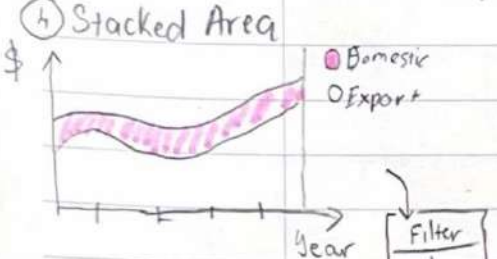
C State Contribution \$ > Top State Exploration



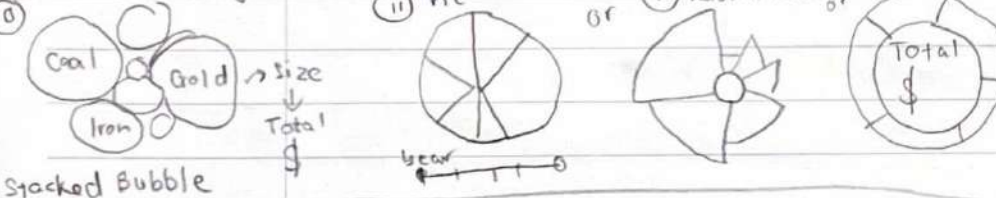
C State Exploration



B Export VS Domestic Use \$



D Mineral Usage TOP



CATEGORIZE

- Top leader compare to worldwide
- Export VS Domestic consumption
- State Contribution to Mining
- Mineral Most Exported

COMBINE AND REFINE

- Part B: (4) is preferred to (5) → Reason: this will show seeing period that ↓ of the whole revenue
- Part C: (8) → Might be a lot of States, hard to see
→ WA value is too big, other are stuck together
(9) → Hard to compare many years total
→ (7) is preferred, select 3 years to see growth pattern as well

QUESTION

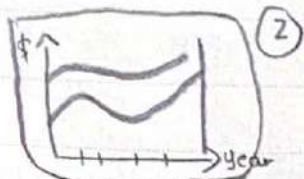
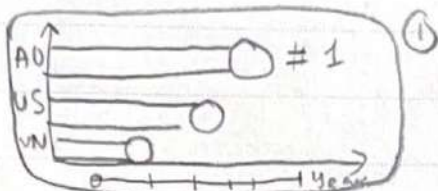
- Is the flow easy to follow?
- Does the idiom chosen able to show the main goal?
- Is it possible to use 1 filter for both or 2+ idioms? (like time or state)

LAYOUT

EXPLORATION OF MINING INDUSTRY AUSTRALIA

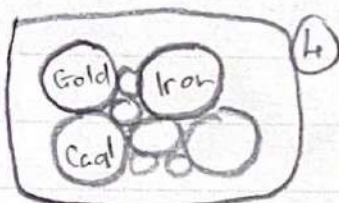
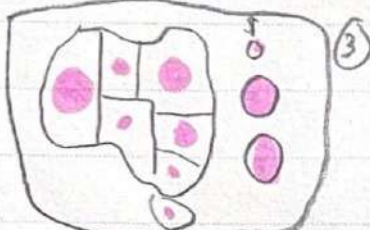
SHORTINTRO

AUS AS LEADER



EXPORT VS DOMESTIC

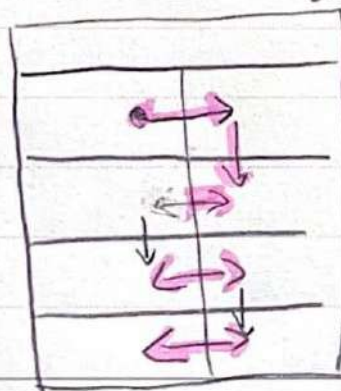
State contribution



Mineral Contribution

FOCUS

* Nomain focus. Go in a flow of story telling



Topic overview
A
↓
B
↓
C
↓
D
to detail

* Put in border so that layout is divided into 2 main columns

* Partitioned poster
↳ Give user comprehensive understanding

Title: Exploration Australia
Mining Industry
Author: Phuong Do
Sheet 2
Task: A2

OPERATIONS

① + + + + + Year
Year slider filter years

① ○ → Each represent a flag for visual attraction

② Filter
each type
+ annotation on ↓ or ↑ \$ Period

All	✓
Export	
Domestic	

③ + + + + + Year
Year slider to filter

③ State ✓ → Zoom in State for further details

④ + + + + + Year
Year slider to filter

DISCUSSION

> Advantage:

- Divided layout
- Easy to follow flow
- With interaction

> Disadvantage

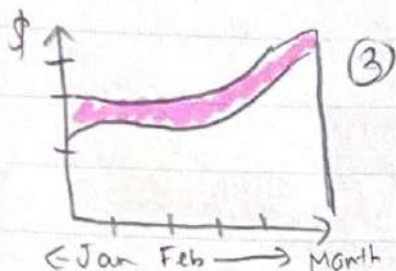
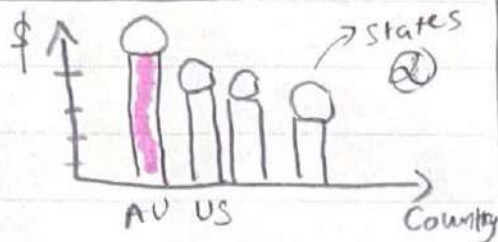
- Plain, like a dashboard
- Might not convey much insight

LAYOUT

EXPLORATION MINING IN AUS

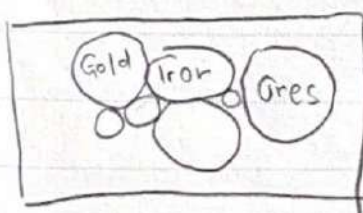
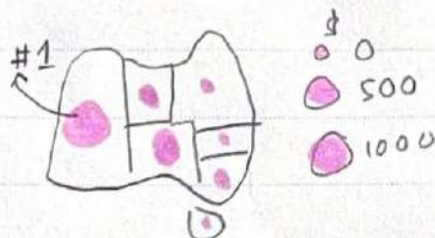
Choose your Year 2013 v ①

AUS RANK #1
IN 2013



EXPORT > DOMESTIC
IN 2013

WA CONTRIBUTES
#1 IN EXPLORATION
IN 2013



#1	COOPER	%
#2	Iron	%
#3	Gold	%

Title Exploration AUS
on Mining Industry
Author: Phuong Do
Sheet 3
Task: A2

OPERATIONS

YEAR Change according to ① Filter of each year

→ Data will also be filtered accordingly

③ Filter through Type
All / Export / Domestic

② Sorted in ranking from #1 to last (including other)

④ Listing top 3 contribution with % to total revenue

DISCUSSIONS

> Advantage:

- Divided Column → easy to see
- Provide straight to conclusion, facts
- Less text

> Disadvantage:

- Limited time, only 1 year rather than a period

FOCUS

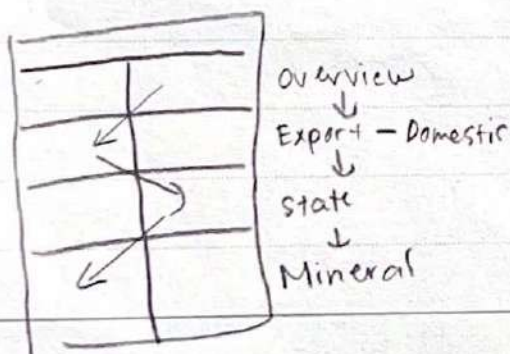
* Focus on a specific Year that has been filtered

* Story flow from Overview → Detail

* Lay out divided in 2 columns

* Goal onto deliver factual contexts, info graphic

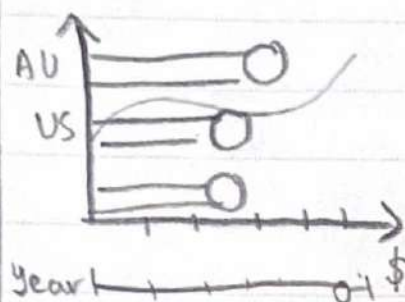
↳ less description
↳ Point straight to main insight



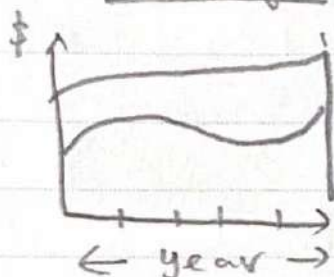
LAYOUT

EXPLORATION AUSTRALIA MINING FROM 20XX-20XX

Heading 1

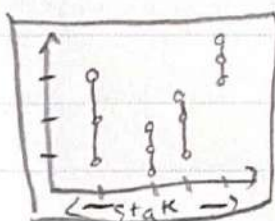
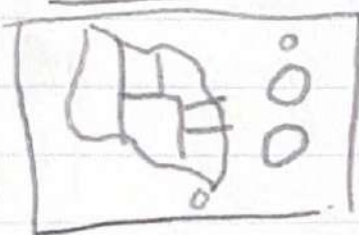


Heading 2



Filter

Heading 3



Heading 4



Title: Exploration Aus
Mining Industry
Author: Phuong Do

Sheet 4
Task A2

OPERATIONS

- ① Brief intro
- ② Year slider
↳ See ranking through years (\$ million)
- ③

All
Export
Domestic

 Filter to see each type
- ④ Year slider
↳ see changes through years
- ④ + ⑤ → Can have combined region filter
↳ ④ Zoom in region
↳ ⑤ Show only region
- ⑥ Year slider to see changes
- ⑦ Conclusion

FOCUS

- * Focus on 10 year Period rather than a year
- * Flow: Overview global to → detail, region
- * Divided 2 columns layout of partitioned poster

DISCUSSIONS

Advantage	Disadvantage
- Seeing a period instead of single period	- Filter might not be able to compare through years

LAYOUT

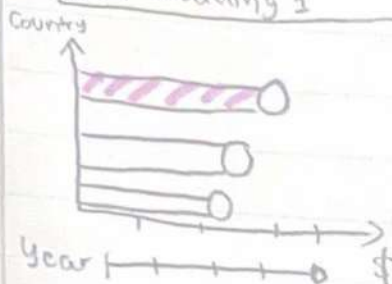
Based on focus on Sheet 4

TRACKING AUSTRALIA MINING INDUSTRY 20XX-20XX

Short introduction description

Section 1, Section 2, Section 3

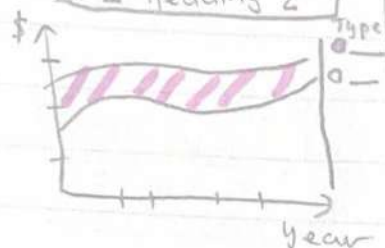
#1: Heading 1



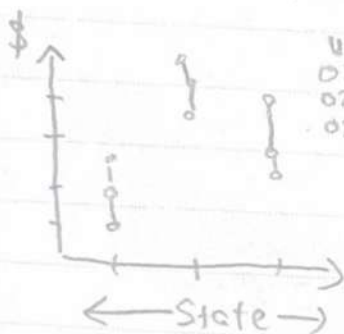
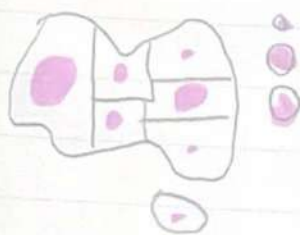
click to move to section



#2: Heading 2



#Heading 3 #3



Filter State

#4: Heading 4



Data Source

Title: Exploration AUS
Mining From 20XX-20XX
Author: Phuong Do
Task: A2
Sheet 5

OPERATIONS

- Short intro
 - with clickable links to sections
- Year slider
 - Seeing Aus ranking changes
- Filter: All / Export / Domestic
- Filter state
 - Map: Zoom in region
 - Chart: Show regional data
- Year slider
- Data source Credit

FOCUS

- Focus on Period (10 years)
- From Overview (global) to Detail (Region)
- Flow as in Partitioned poster with 2 column divided



DETAILS

- Dependencies: Vega Lite idiom
Excel for data cleaning
- Time allocation
- Clean data: 3 days
 - Refine SDS: 1 day
 - Refine report: 9 days
 - Data visualisation: 7-9 days