① Choropleth map of ~~worldwide~~ box office of domestically produced films

② Box office of Aus films

Year

④ Choropleth map of spending on Aus films

③ Box office of Aus films

Year
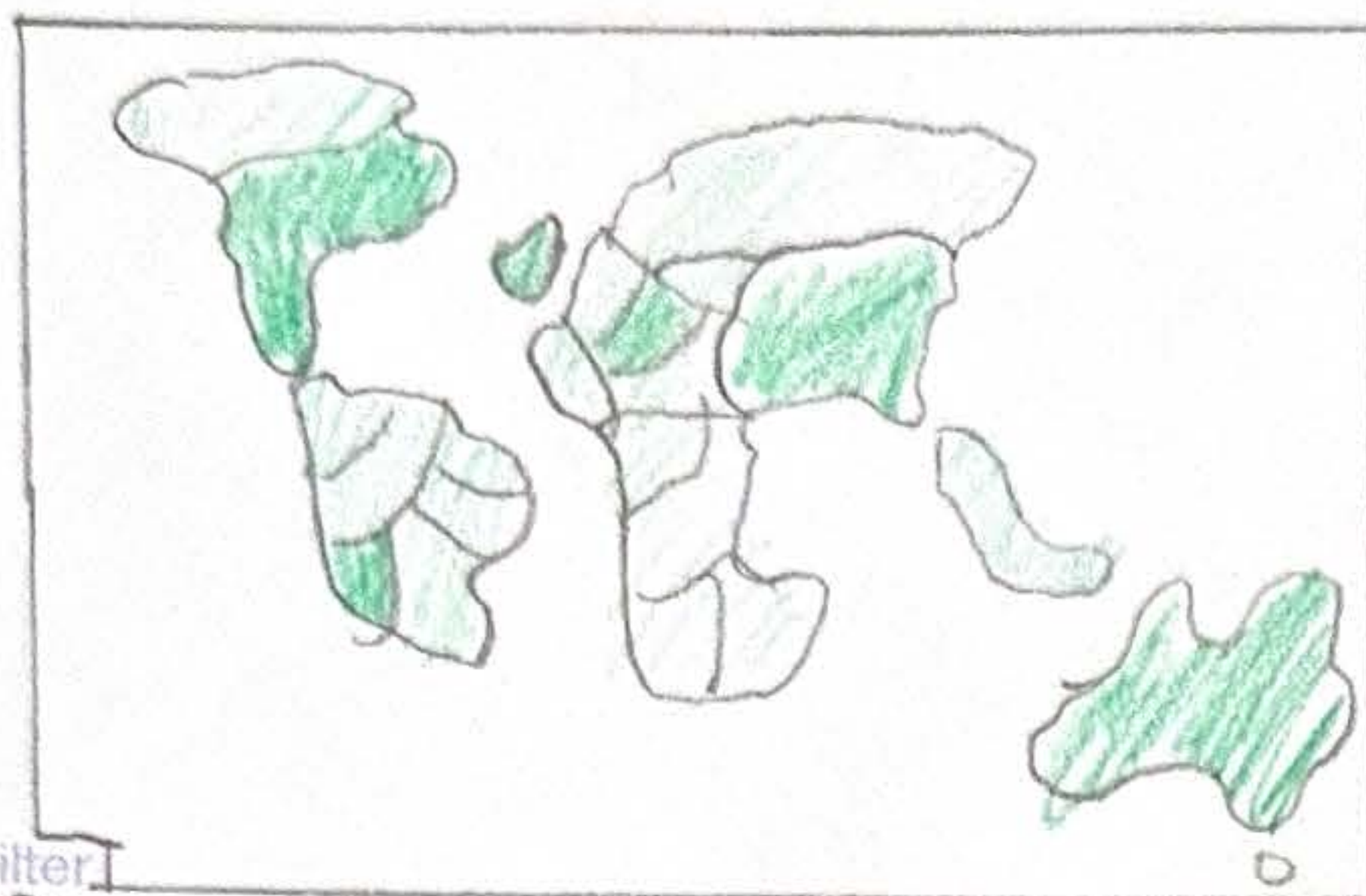
Filter

④ removed
- Map ① has more interesting data. Also, some states don't share this data

② removed
- Shows less information than ③, and doesn't add anything.
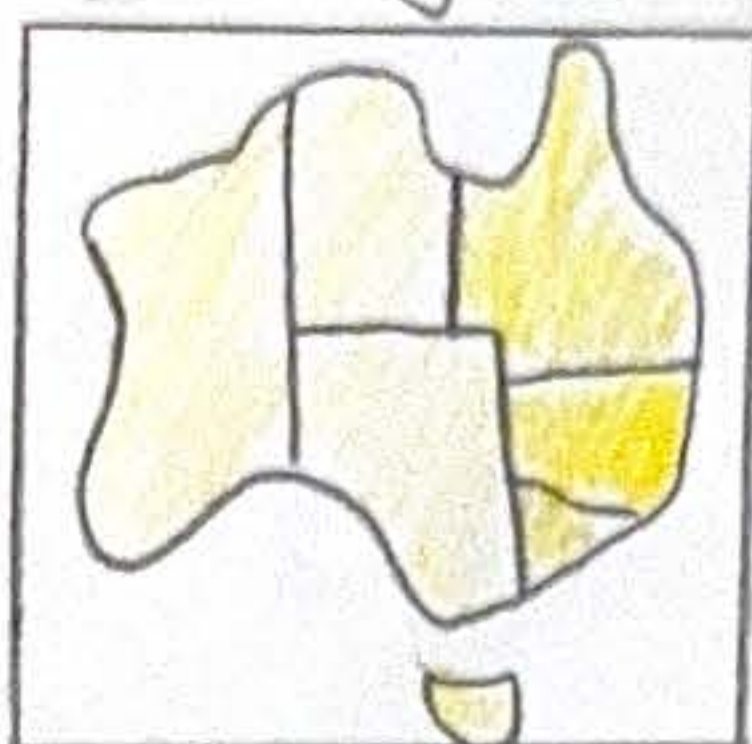
⑤ removed
- Data already indicated in ③

⑥ removed
- Genres proportion shown in ⑦ already

⑥ Genres of Aus films

- Drama
- Comedy
- Action
- Romcom
- Horror
- Sci-Fi

⑤ Box office vs # Films (Aus)

Films

⑧ Budget spent in/out of Aus

Year
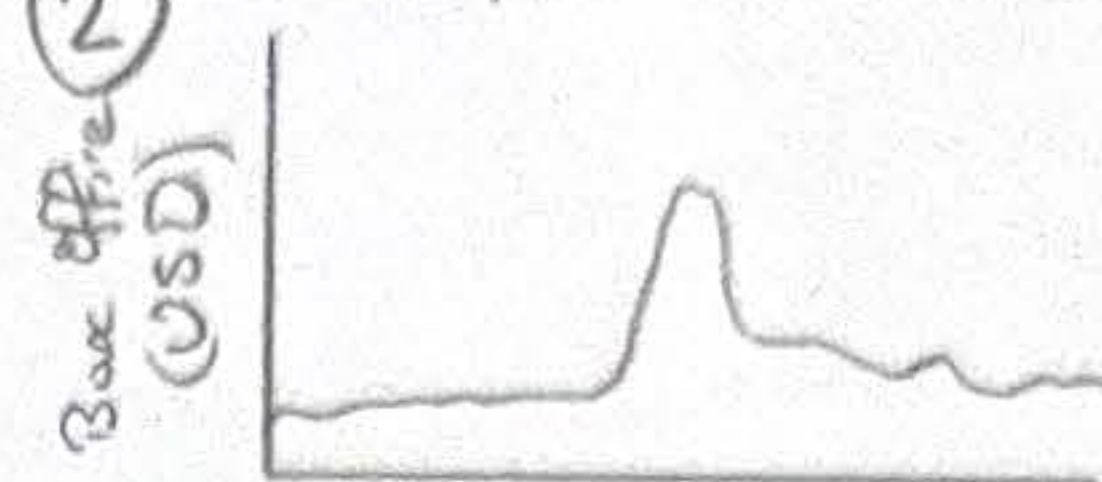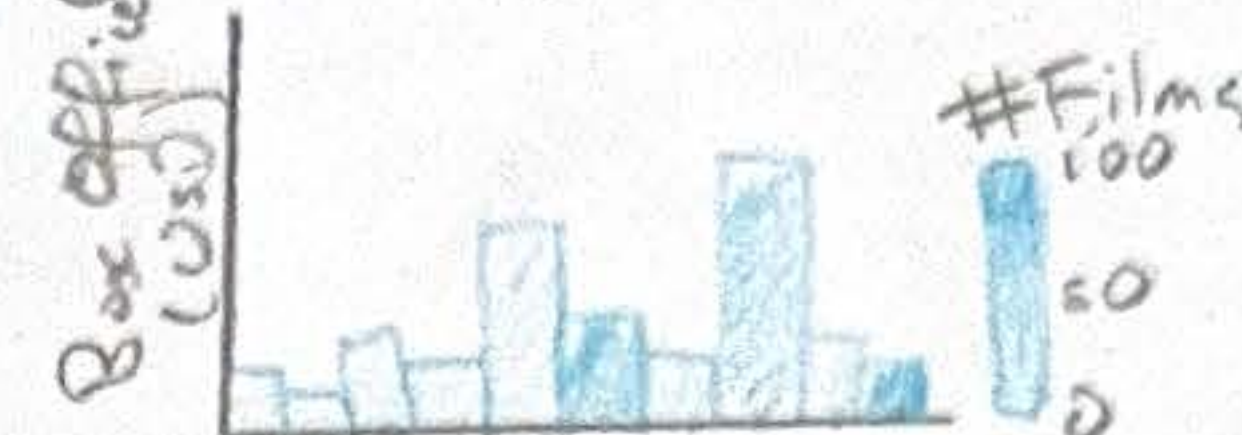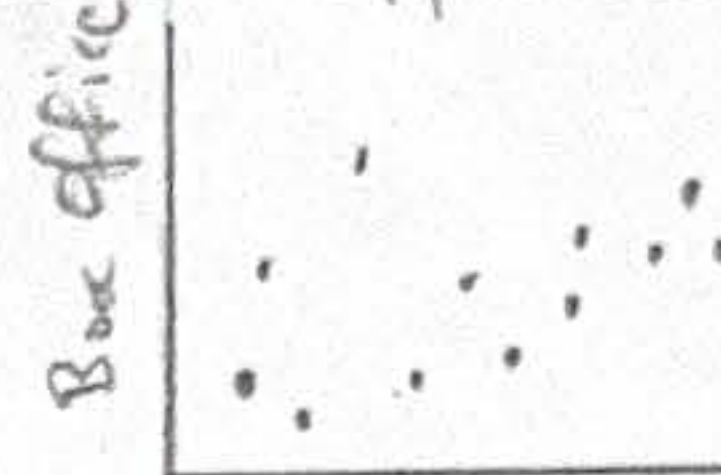
⑦ Funding sources for Aus films to genre

gov.
foreign
private

drama
comedy
action

Categorise
- "Funnel approach" used
  ↳ Start broad, then narrow in on specifics

①	③	⑦ + ⑧
"Australia's box office success compared to the rest of the world"	"How have Aus films' box office changed over time?"	"Where is the funding going in Australian films?"

Combine & Refine

- If ⑥ included, a donut chart or tree map could make the proportions easier to identify

- ③ has identical chart below it (but shorter) that acts as a scale for main chart

- If ⑦ has too many categories for genre, combine the smaller ones

- Ensure all charts (but ⑦ and ⑧ especially as in same section) do not use clashing colours.

Summarise and question
- Is there another, more appropriate map type for ①?
  ↳ No, as long as the data is normalised the choropleth is most appropriate
- Is the Aus film industry thoroughly investigated?
  ↳ Yes, look at success at box office both vs other countries and over time, as well as funding.
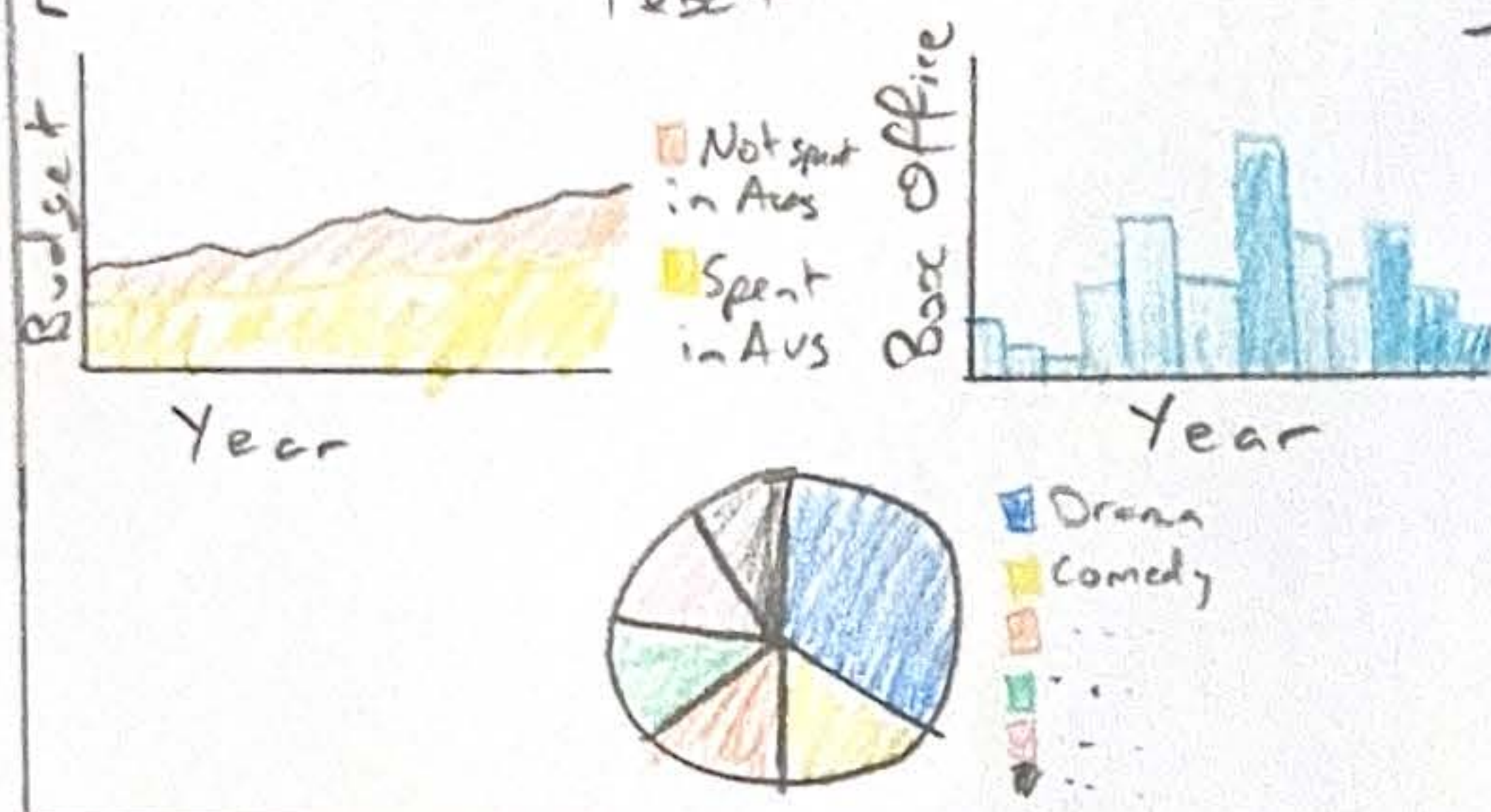
Australia's Film Industry
Intro Text
International Box Office
Text

[map illustration]

Australian Films
Text

Budget / Year chart
- Not spent in Aus
- Spent in Aus

Box Office / Year chart

Pie chart
- Drama
- Comedy
- ...
- ...
- ...

The main focus is the world map
↳ Section is same size as other three charts combined
↳ Choropleth map is normalised by dividing the total worldwide box office of domestically produced films by the number of these films, to ensure fair comparison to film industries between population.
   ↳ Therefore, need area-preserving map projection.
↳ Adjust classification intervals if needed to allow comparison between lower box office countries.

Title Australia's Film Industry

Description
Designing a visualisation based on Australia's film industry.

Components / Operations

-Tooltips:

[tooltip illustration]
Country : Australia
Worldwide USD
per film : $5,234,152

Worldwide USD: $628,318,921
Release Year : 2016
Films Produced : 64

- Clicking on a different genre in the pie chart will highlight what proportion of the above bar and stacked area charts apply to that genre

Advantages:
- Main focus gives reader clear information on topic at a glance
- Good interactivity of lower charts

Disadvantages:
- Many colours used likely to lead to overlap of colours
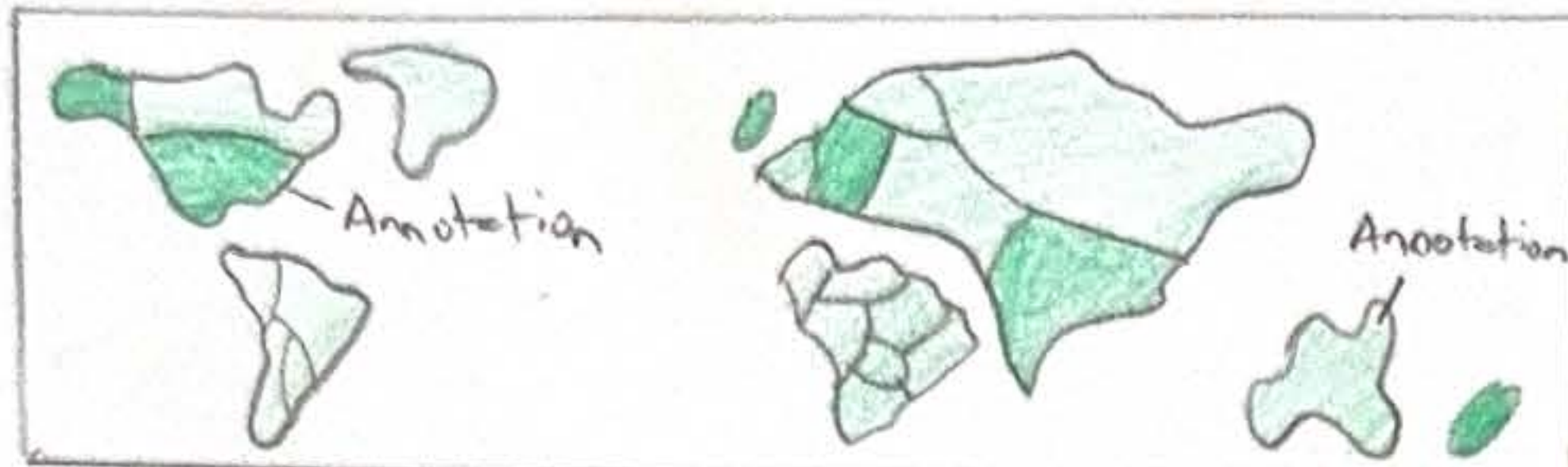- Bottom charts are all quite simplistic
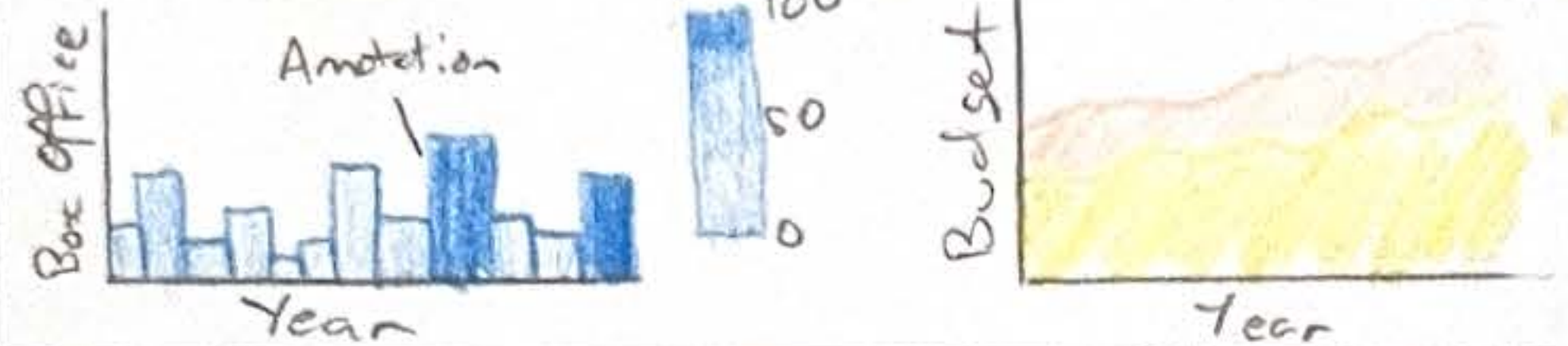- Lacking annotations

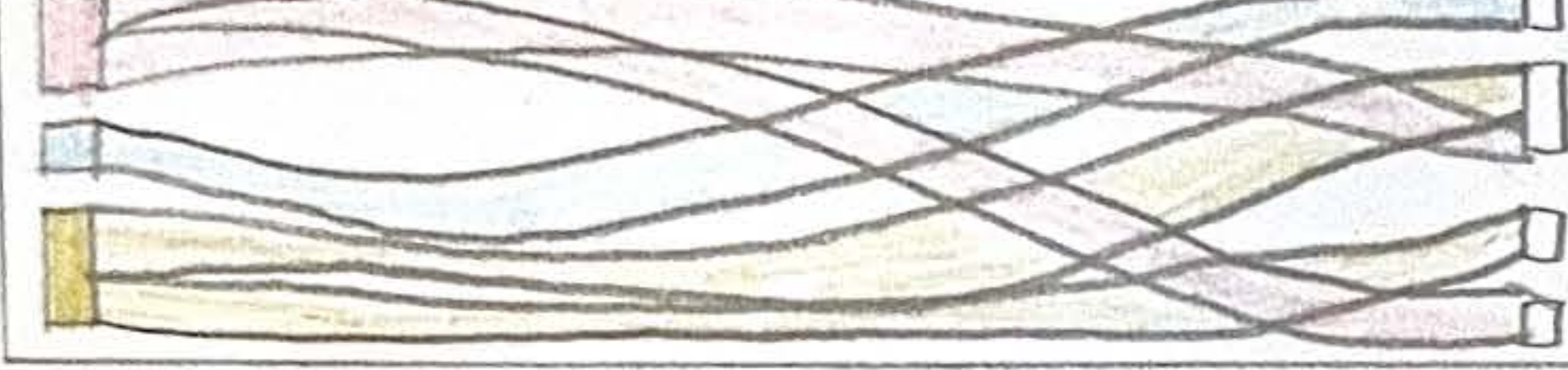AUSTRALIA'S FILM INDUSTRY
Intro text

International Box Office
Text

←Annotation   Annotation

Australian Box Office
Text
#films
100
Box Office   Annotation   50   Budget
0
Year   Year

Funding by Genre
Text

- There is not a main chart focus,
  instead each of the three sections
  are equally weighted.
  ↳ The focus is instead on the
    storytelling, with the text throughout
    guiding
  ↳ Annotations throughout aid with
    this storytelling, highlighting interesting
    elements

Name Dylan Redman
Date 14/9

Title Australia's Film Industry
Description
Designing a visualisation based on
Australia's film industry

-Tooltips

Worldwide USD: $468,912,365
Release Year : 2014
Highest grossing
film   : the Lego Movie

Contribution : $564 m
Genre   : Comedy

-Clicking on different genres
in the scnbey diagram changes
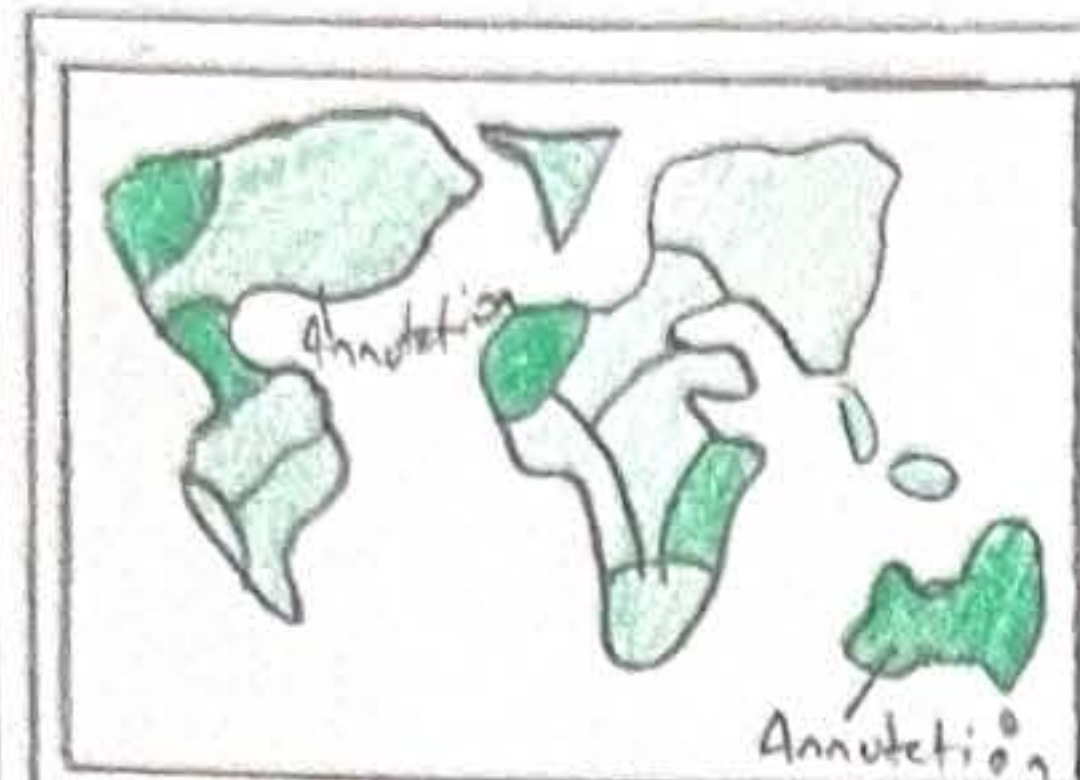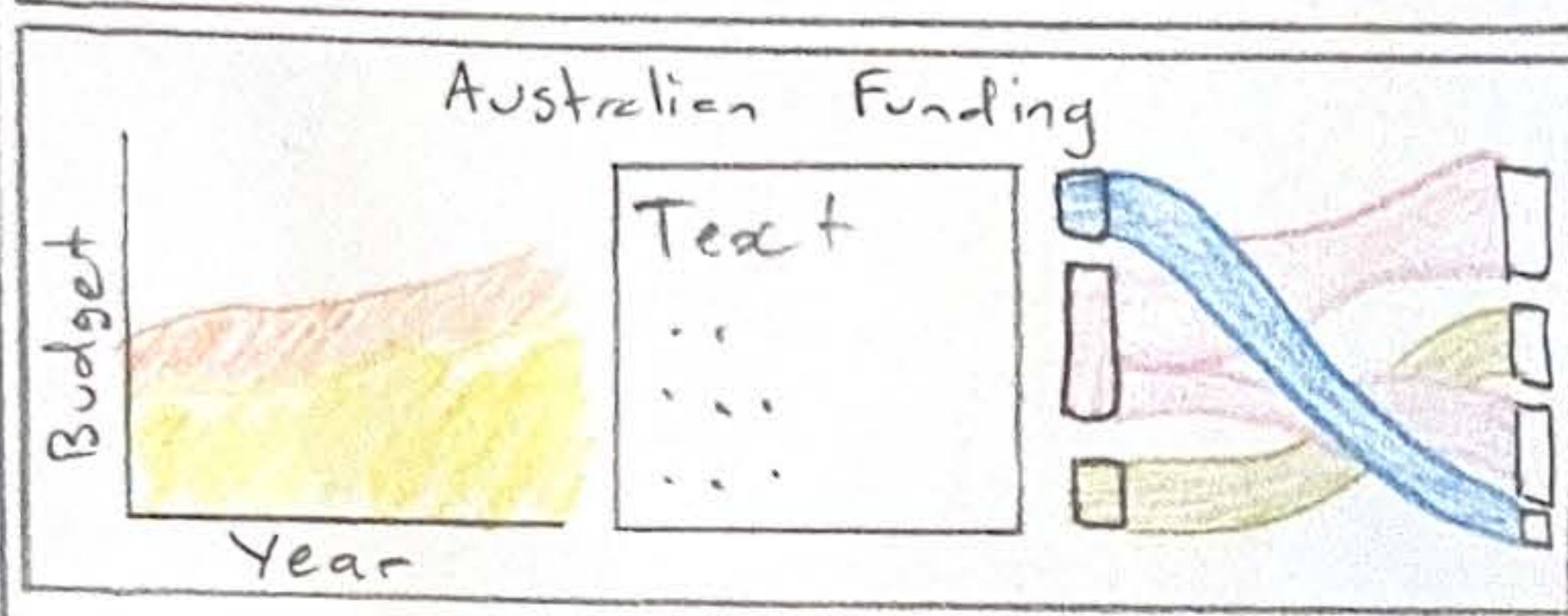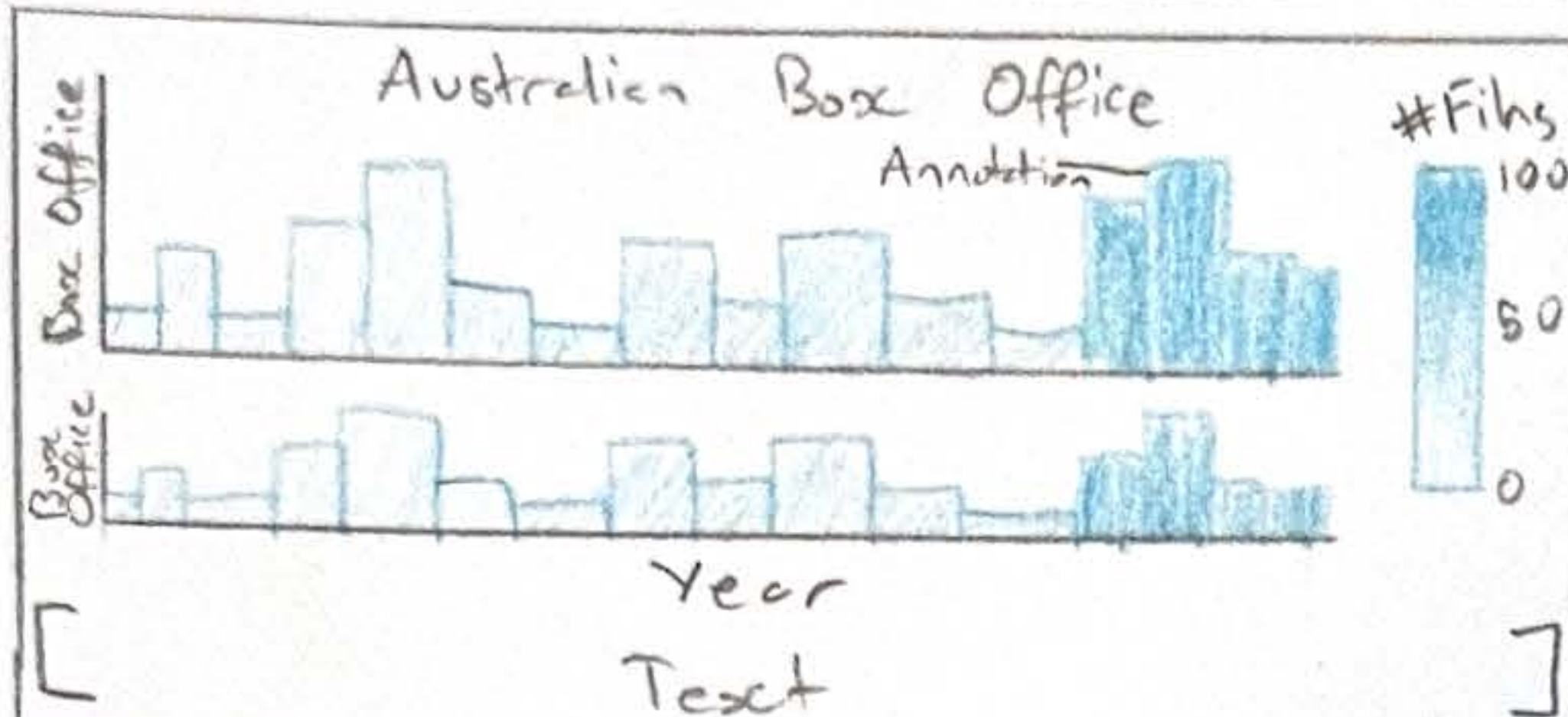the 'Australian Box Office' diagrams
to only the data for that genre.

Advantages:
-The way each section is
segmented allows the information
to be easily understood
-Amount of colours means there
should not be repeated usage

Disadvantages:
-Limited text reduces storytelling
-Interaction ~~~~~ changes the
charts too much, and may be
confusing
- Sections could be better
organised.

Australie's Film Industry
Text

International Box Office
Text
. . .
. . .
. . .

Annotation
Annotation

Australian Box Office
Annotation
#Films
100
50
0
Box Office
Box Office
Year
Text

Australian Funding
Budget
Text
. .
. . .
. . .
Year

Sheet 2,3,④
Name Dylan Redman
Date 15/9

Title
Australie's Film Industry
Description
Designing a visualization based
on Australia's Film Industry

Components / Operations

- Selection bar:

Box Office
Year

- 'Australian Box Office' annotation
highlights the highest grossing year
in the selection, as well as
the highest grossing film from
that year.

Parti / Focus

- The main focus of the ~~map~~ vis
is the Australian Box Office
bar chart
  ↳ this is the most important chart
  as it shows the change in Australia's
  film industry over time (in both
  box office and number of films).
  ↳ The chart is made of two ~~~~
  sections:
    ↳ Main chart at the top changes to
    show the selected data
    ↳ Interactive selection bar at the bottom
    allows users to highlight a certain
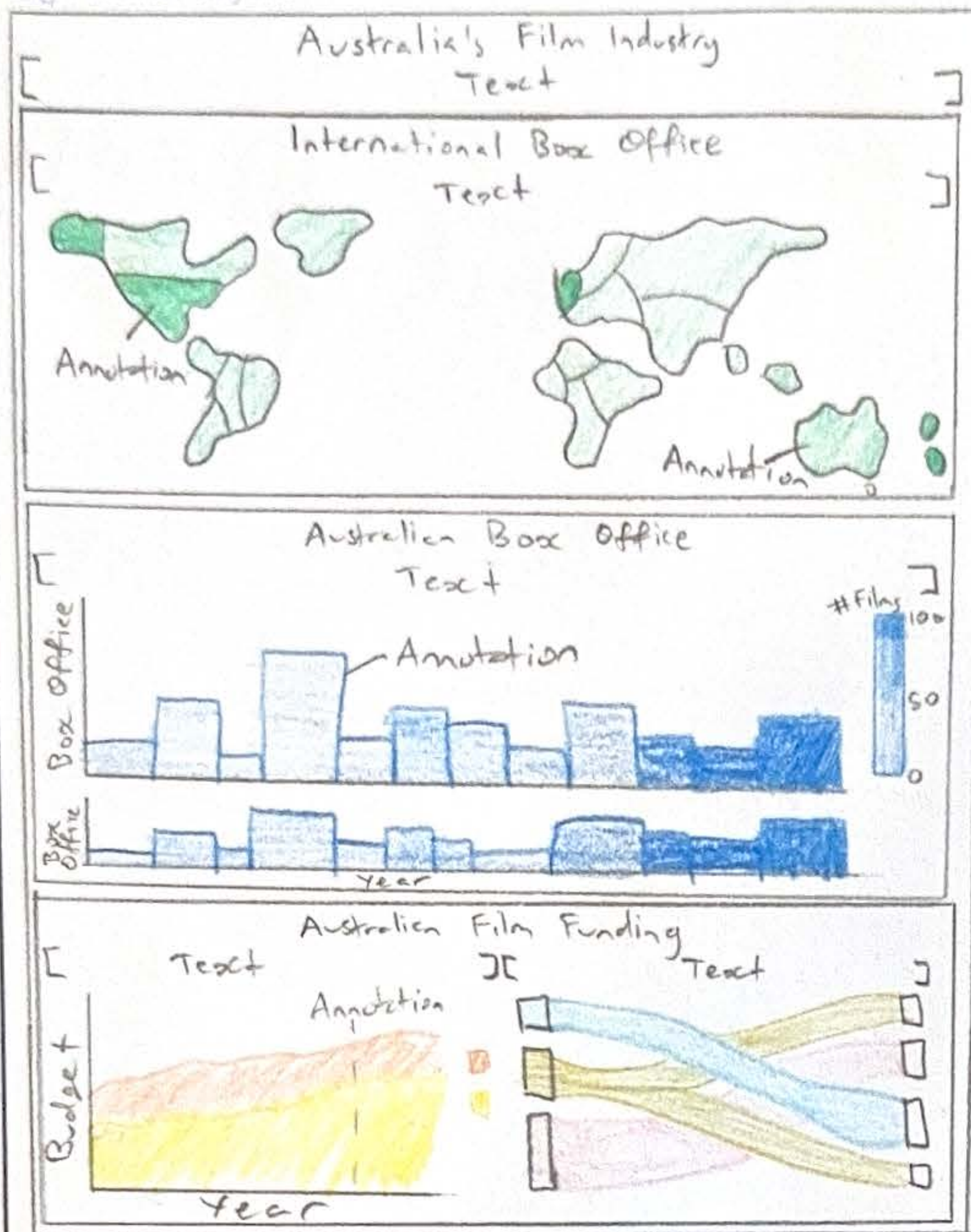   section.

Pro & Cons

Advantages:
- Text ~~provides~~ and annotations
allow for effective, ordered
storytelling
- Sections are well organised
- Interactivity is intuitive and
informative

Disadvantages:
- Smaller world map makes it
difficult to identify smaller
countries
- 'Australian Funding' section is
too filled
- Sightlines are not followed
throughout

Australia's Film Industry
Text

International Box Office
Text

Annotation

Annotation

Australian Box Office
Text

Annotation

#Films
100
50
0

Box Office

Box Office

Year

Australian Film Funding
Text   II   Text
Annotation

Budget

Year

- There is not a main focus, instead each of the three sections is equally weighted.

⤷ Story telling is the main focus, with the text and annotations working together to walk the viewer through the story told.

⤷ The 'Australian Box Office' bar chart is made up of two charts:

⤷ Interactive selection bar at bottom allows uses to highlight a certain section

⤷ Main chart at the top changes to show the selected years.

Name Dylen Rodman
Date 13/9
Title Australia's Film Industry
Description

Designing a visualisation for Australia's Film Industry

- Tooltips:

Country : Australia
USD per Film : $6,429,381

Box Office : $982,315,498
Release Year : 2003
Num Films : 22

- Selection bar:

⤷ 'Australia Box Office' annotation highlights the highest grossing year in the selection, as well as the highest grossing film from that year.

- Annotations in world map used to highlight high box office countries, and also Australia's ranking

- Annotations in stacked area chart used to highlight relevant events in Aus film market.

- Estimated time is 1 week:
⤷ 1.5 days for world map
⤷ 1.5 days for bar chart
⤷ 1 day for stacked area chart
⤷ 2 days for sankey diagram
⤷ 1 day to finalise