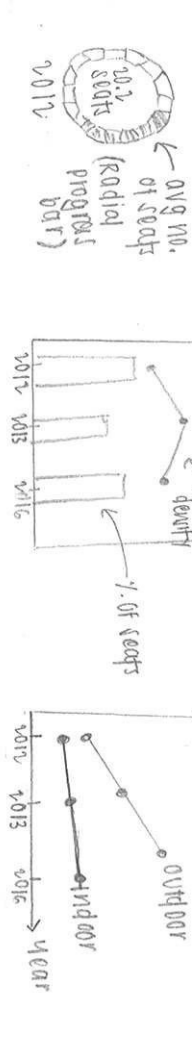
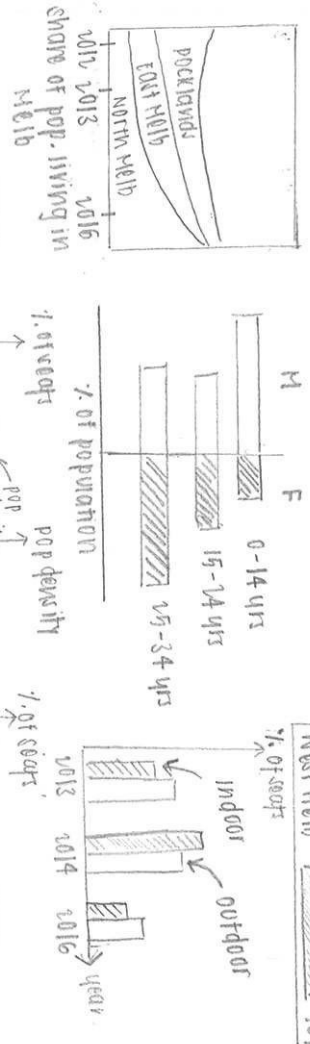
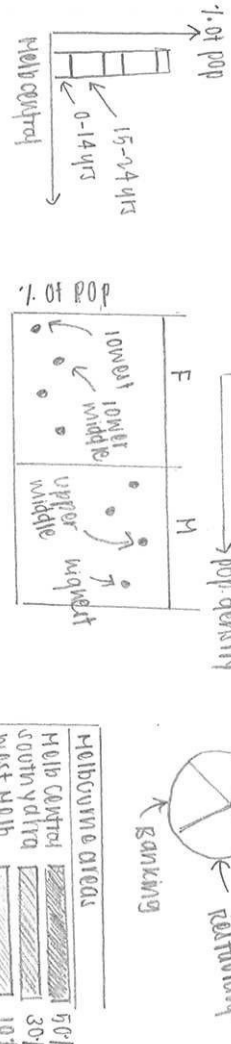
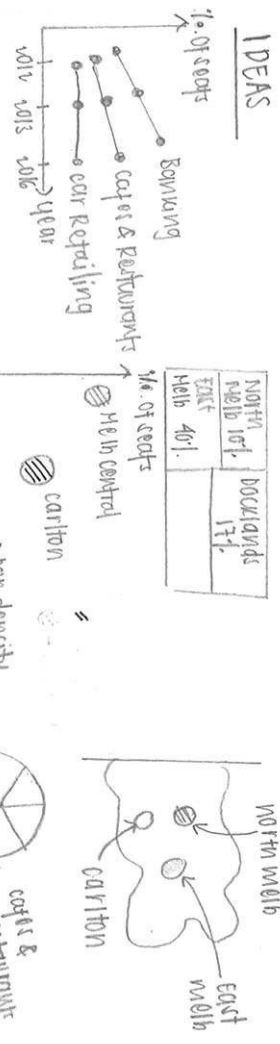
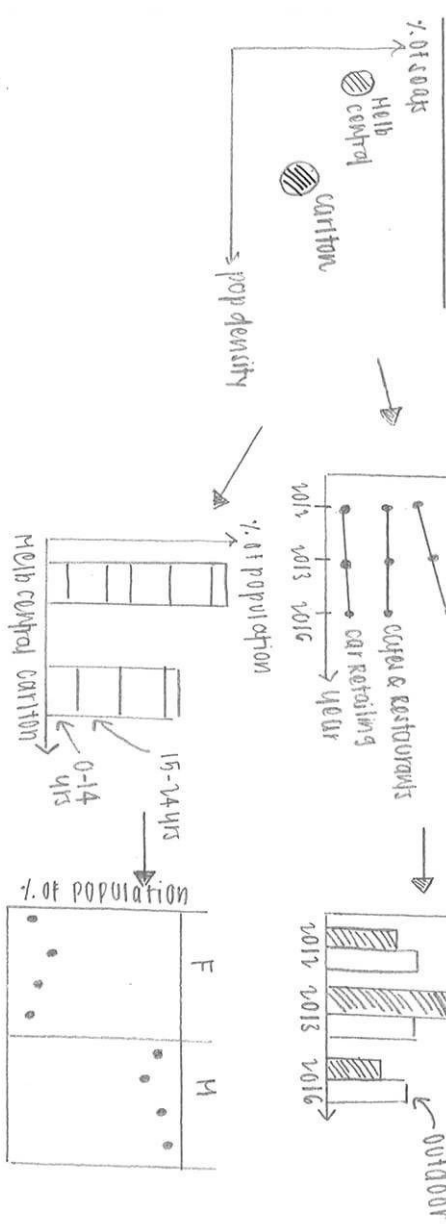


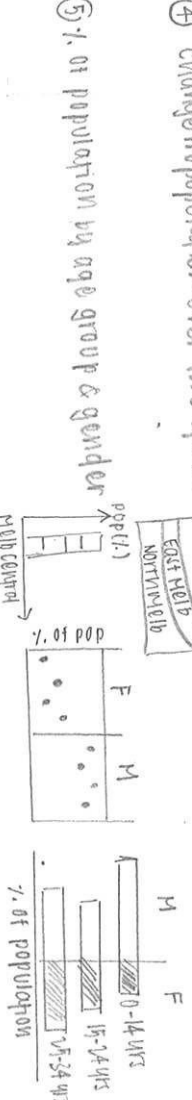
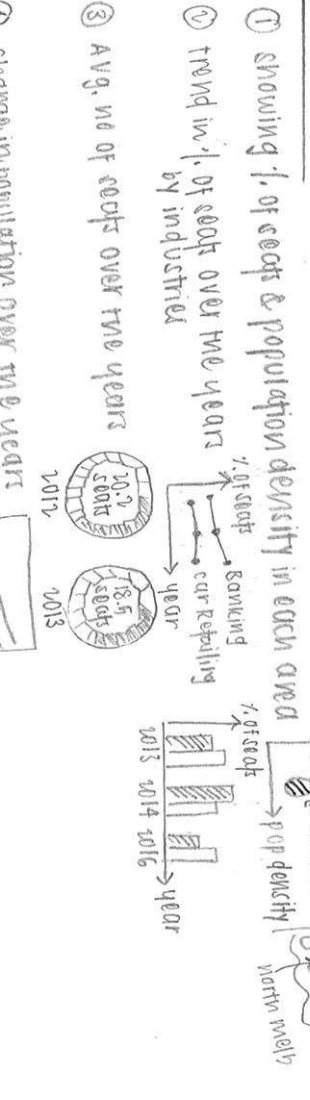
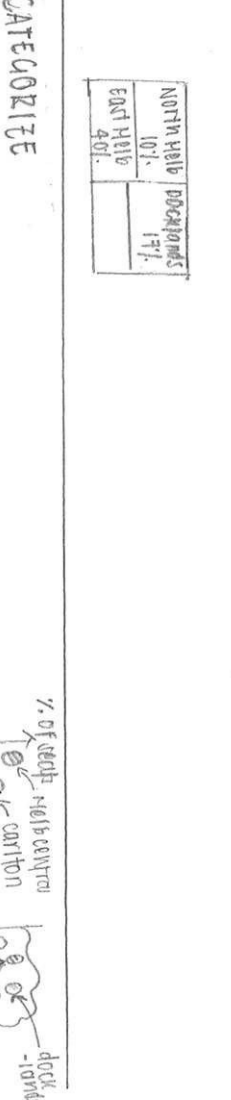
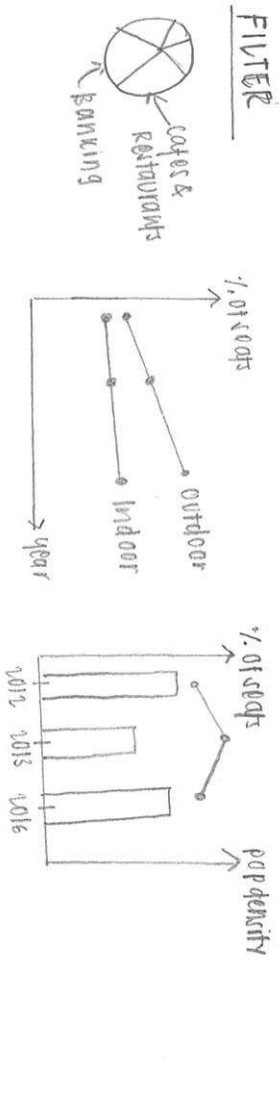
# IDEAS



## COMBINE & REFINE



# FILTER



## CATEGORIZE

- ① showing % of seats & population density in each area
- ② trend in % of seats over the years by industries
- ③ Avg. no of seats over the years
- ④ change in population over the years
- ⑤ % of population by age group & gender

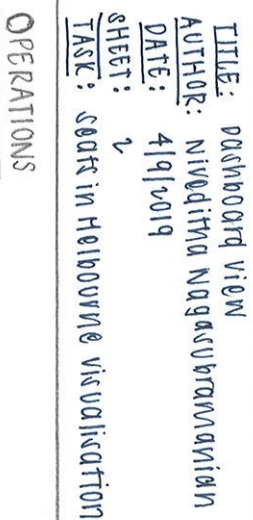
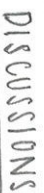
## QUESTION

- ① how % of seats vary over the years with Melbourne areas as well as the industries
- ② are % of seats affected by population density
- ③ are age groups directly linked to the industries thriving in a particular Melbourne area
- ④ similarly does gender have to do with why certain industries exist in a particular Melbourne area
- ⑤ The designs created in combine & Refine will answer ① to ④.

dashboard view



CHONGS

[illegible]

① sufficient information

context

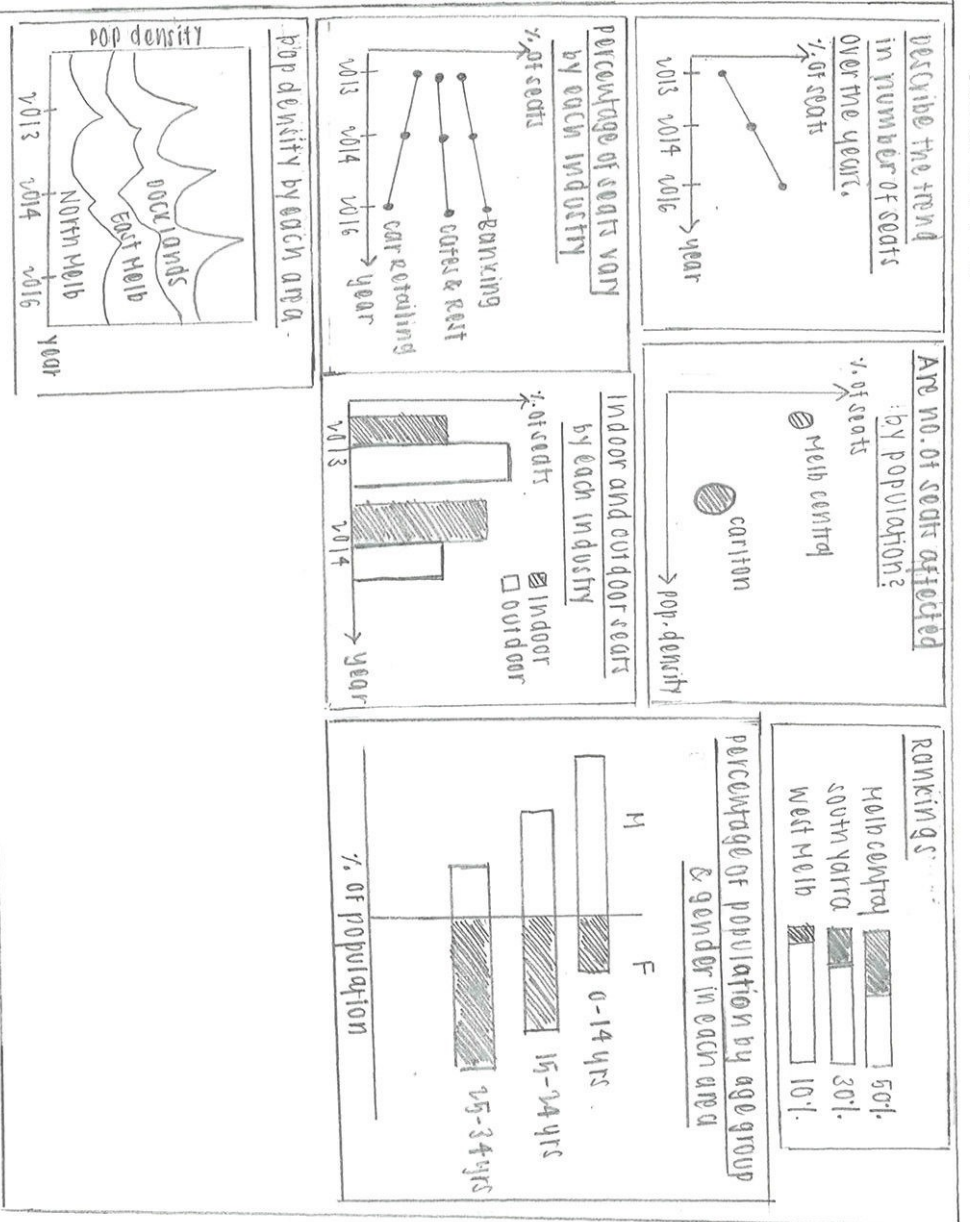
© The author user interactions.

- ① 100 women over 100 years old
- ② is the racial progress bar feasible in Tableau
- ③ is it possible to combine 1. of population by age group & 1. of population by gender?
- ④ would it be better to show trend for population?



# LAYOUT

## Dashboard view



## TITLE : Dashboard view

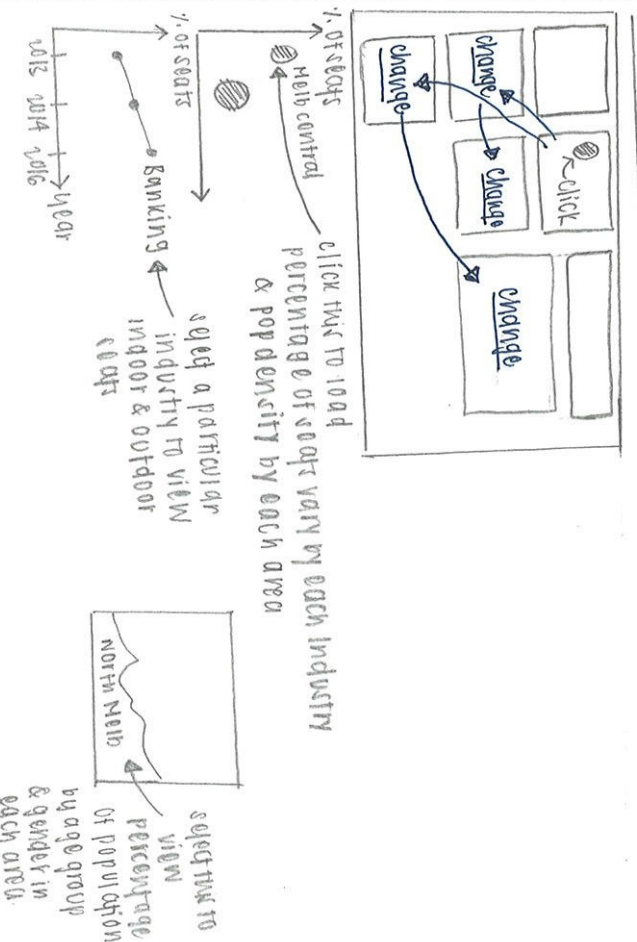
AUTHOR: Nivedita Nagabharwanian

DATE: 8/9/2019

SHEET: 3

TASK: Seats in Melbourne visualisation

## OPERATIONS



## DISCUSSIONS

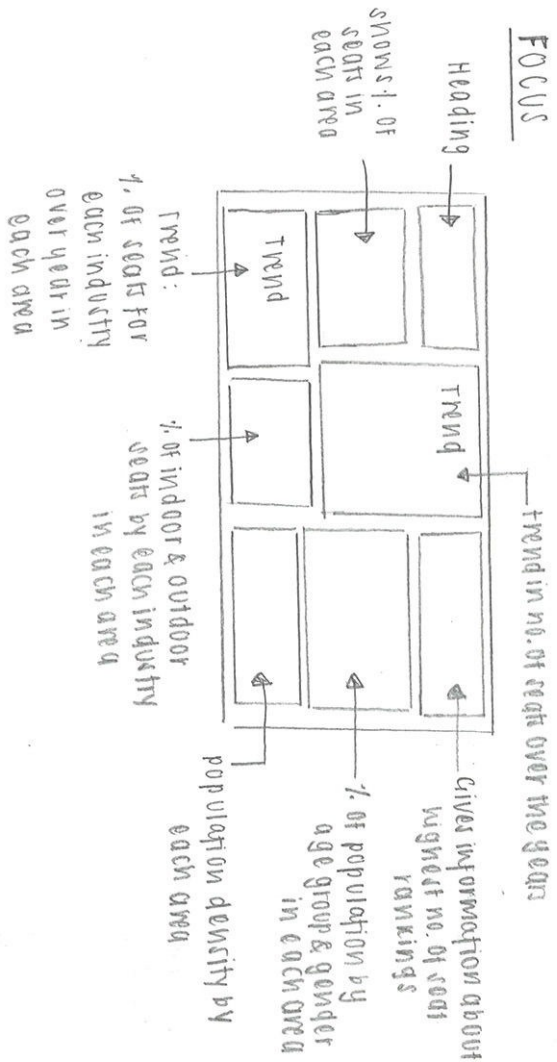
### Advantages:

1. Right amount of user interactions
2. Equal amount of information provided for both no. of seats as well as population
3. Visualisation done in both broad as well as specific contexts
4. Design can be fit in one page

### Disadvantages:

1. More text could be added - i.e. the title of the visualisation
2. Layout can be improved to provide more clarity.

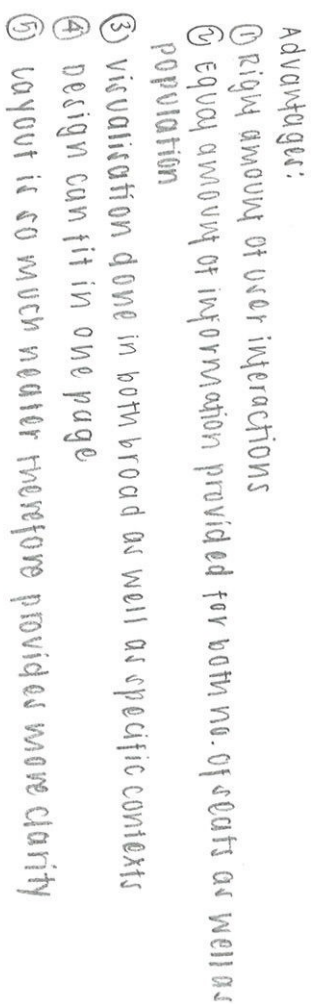
Dashboard view



AUTHOR: Nivedita Nagasubramanian

SHEET: 4

## OPERATIONS



Advantages:

- ① right amount of user interactions
- ② equal amount of information provided for both no. of seats as well as population
- ③ visualisation done in both broad as well as specific contexts
- ④ design can fit in one page
- ⑤ layout is so much better therefore provides more clarity

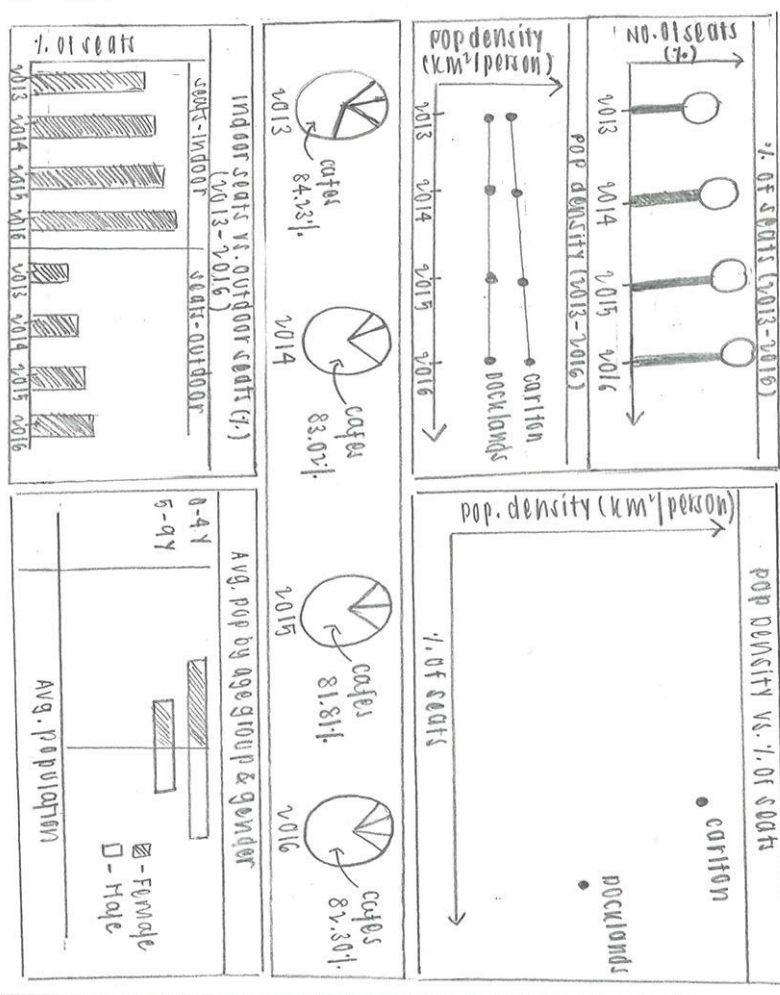


# LAYOUT

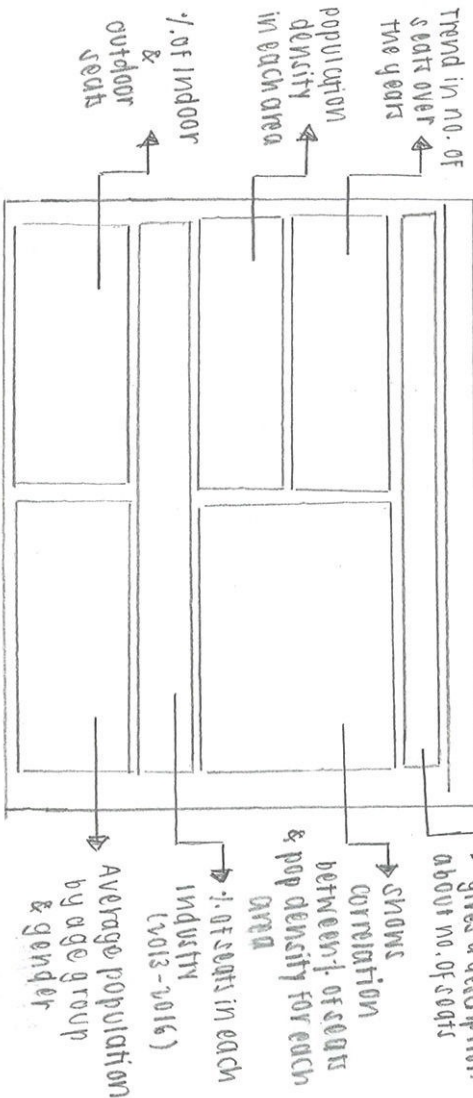
## DASHBOARD VIEW

### Melbourne seats & population

TEXT - gives a description about no. of seats



## FOCUS



TITLE: dashboard view

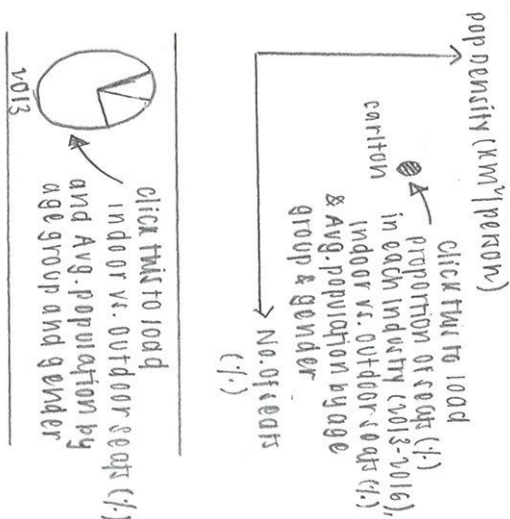
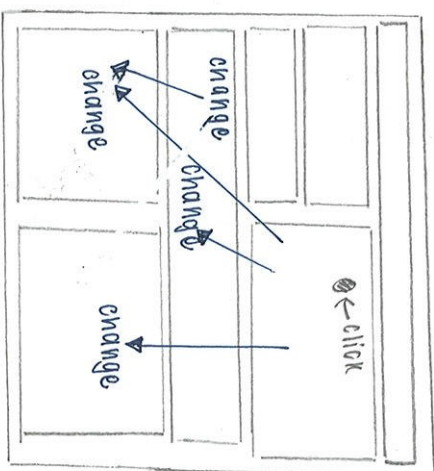
AUTHOR: Niveditha Nagasu Brownian

DATE: 9/19/2019

SHEET: 5

TASK: Melbourne seats & population

## OPERATIONS



## DETAIL

- I am using two files
  - seats.csv
  - population.csv
- cleaned both these files using R
  - seats-revised.csv
  - population-revised.csv
- Merged seats-revised.csv and population-revised.csv in tableau
- I have already started designing my dashboard - it will take me approximately one week to complete it.