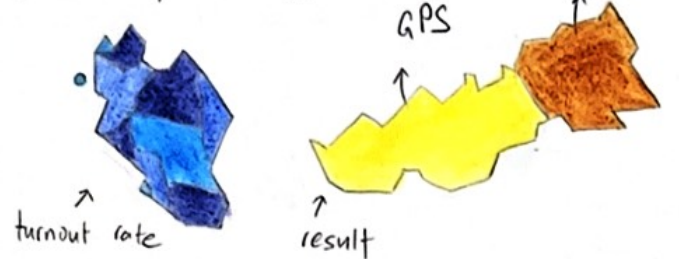


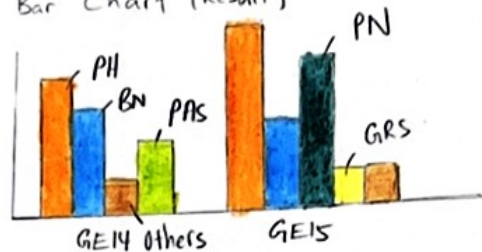
IDEAS

① GE14, GE15 Election Result & Turnout Rate

② Choropleth Map



③ Bar Chart (Result)

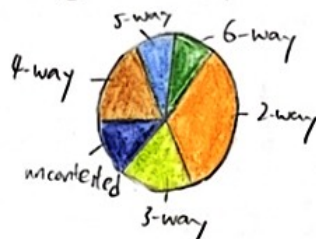


④ Multi-Cornered Fight

⑤ Bar Chart

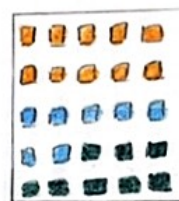


⑥ Pie Chart

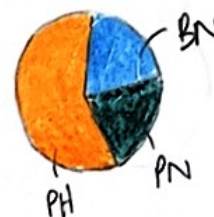


③ Party Distribution (Based on the result for each state)

④ Waffle Chart



⑥ Pie Chart



④ Electors Age Group

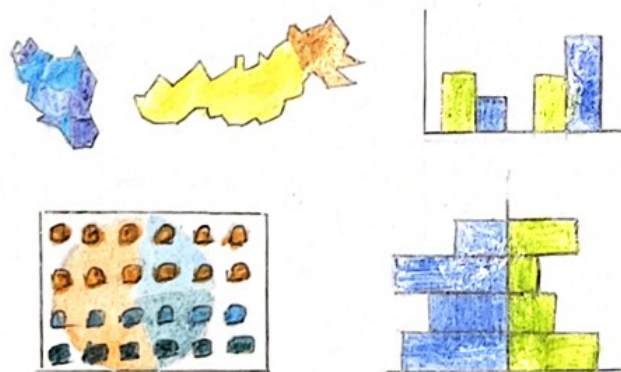
⑤ Race Distribution

⑥ Population Pyramid

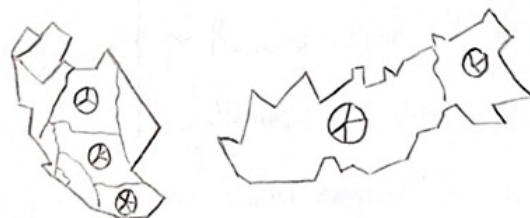
④ Pie Chart ⑥ Proportional Symbol Map



FILTER



COMBINE & REFINE



CATEGORISE

GE14 & GE15 Results & Party Distribution

↓

GE14 & GE15 Turnout Rate & Age Group

↓

How many corner fight

↓

Races distribution

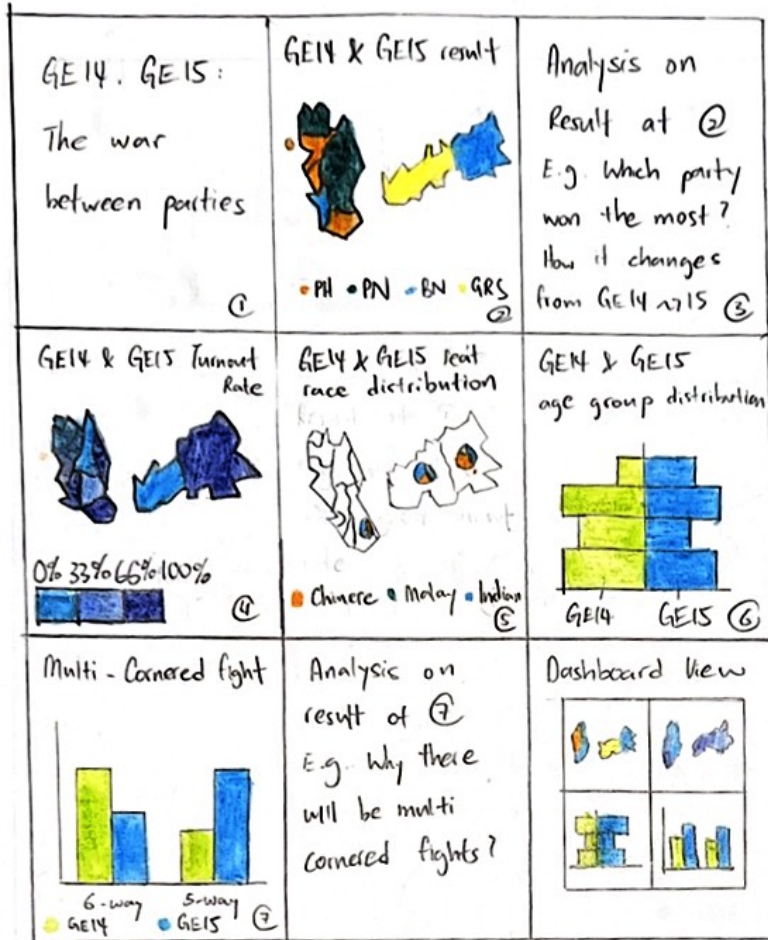
QUESTION

① Anything to improve?

② Pie Chart / Waffle Chart better?

③ Feasible?

Narrative Layout :



Title : Detailed Narrative View

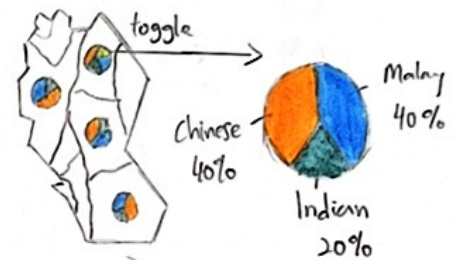
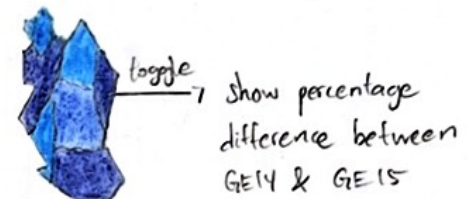
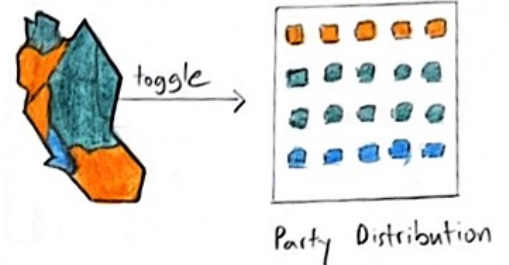
Author : Chuah Ze Ier

Date : 15/10/2024

Sheet : 2

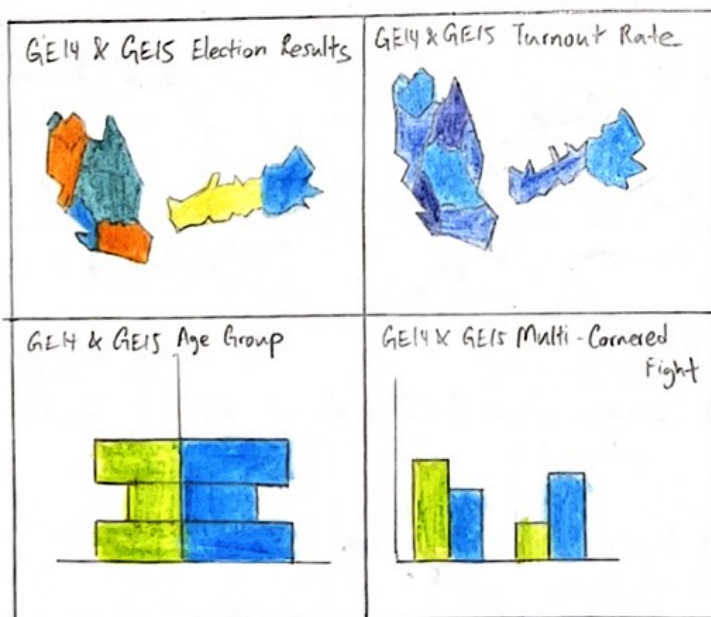
Task : Detailed Narrative Visualisation

OPERATION



FOCUS

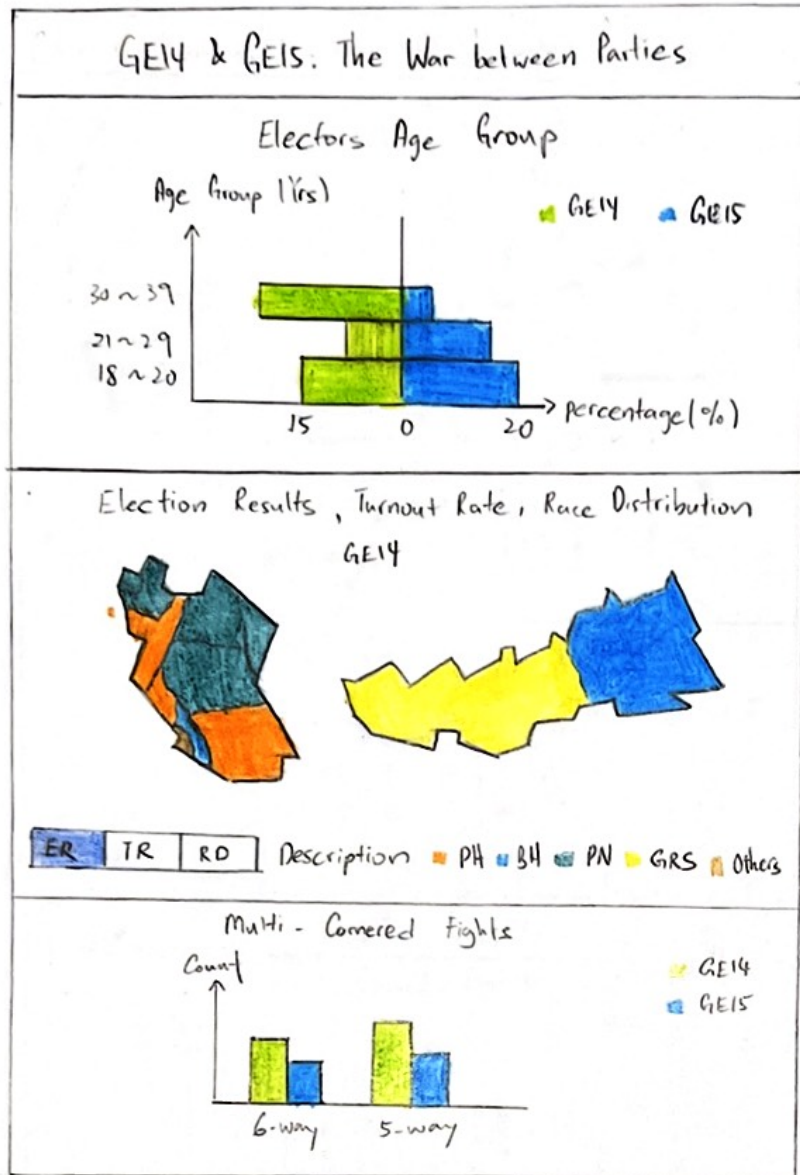
Dashboard View



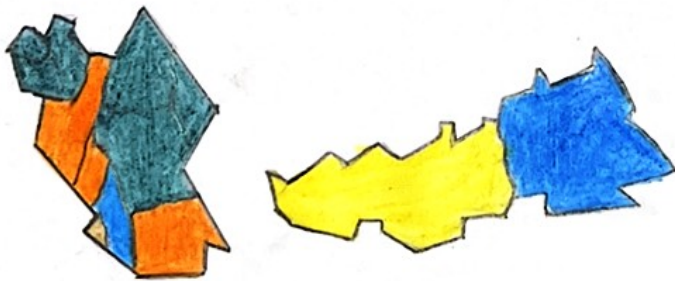
DISCUSSION

- ~ Provides clear information
- ~ Values are shown detailedly
- ~ Visual center shows most important visualisation
- ~ The main problem is the most important visualisations are not enlarged

LAYOUT



FOCUS



~ Choropleth map to show which party wins which state

~ From here, we can compare between GE14 & GE15.

Title: Dashboard View 1

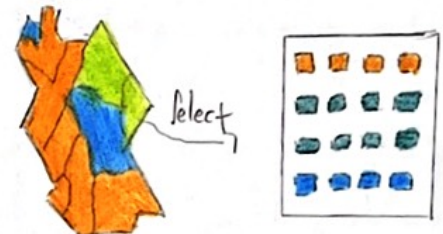
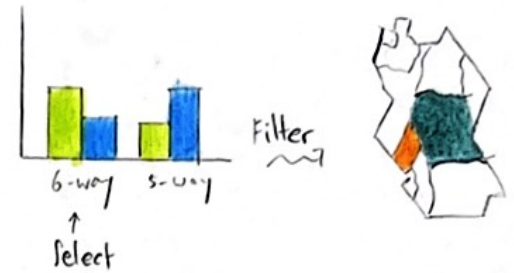
Author: Chnah Sze Ler

Date: 15/10/2024

Sheet: 3

Task: Dashboard View

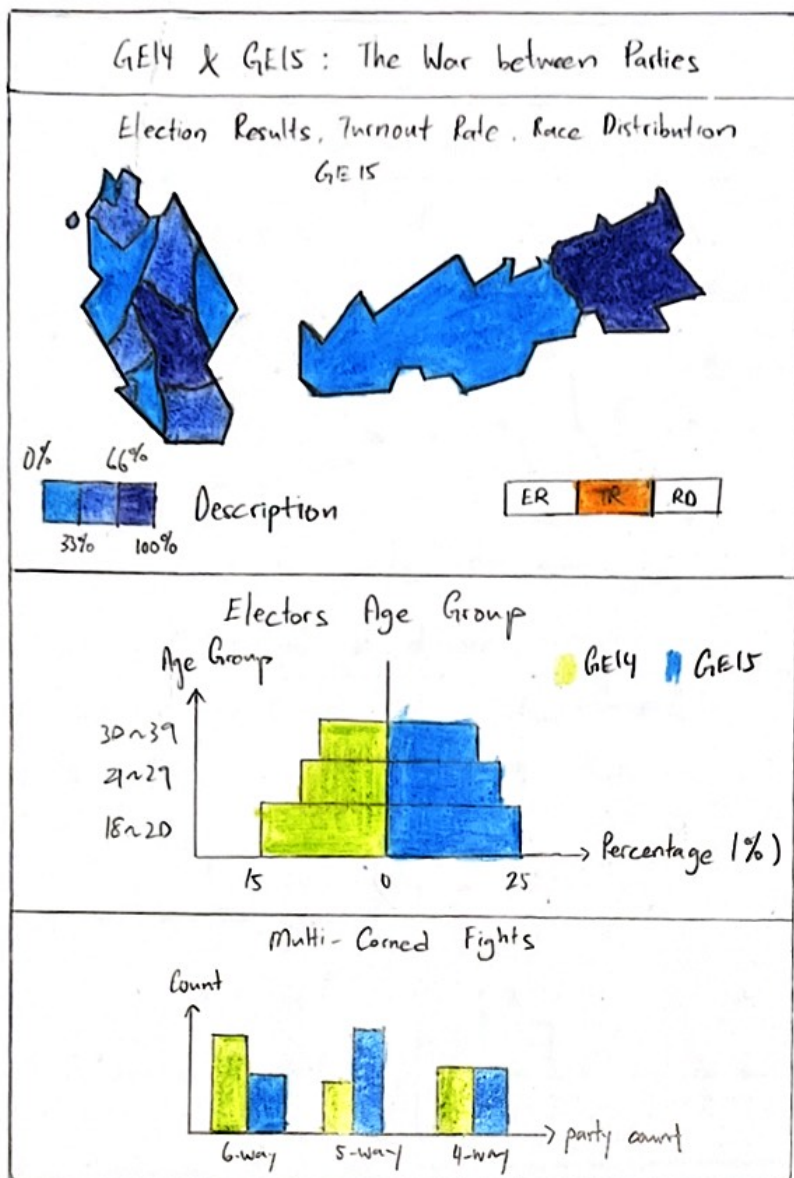
OPERATIONS



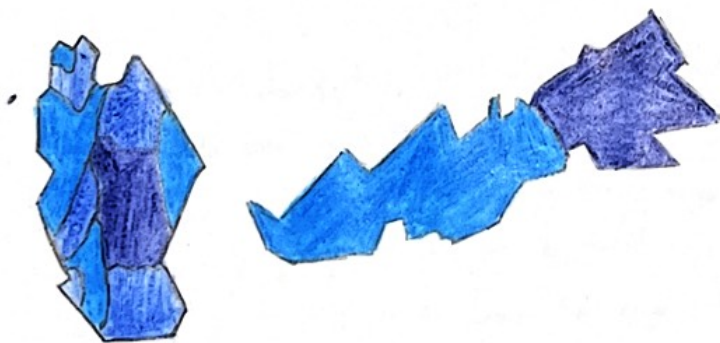
DISCUSSION

- ~ This layout is clear as all visualisations can be shown & emphasised
- ~ Visual center focuses on map which is a good option as map is the most important
- ~ Age group comes before map is not so suitable as age group is one of the reason to the party on winning / losing a parliament seat

LAYOUT



FOCUS



~ Choropleth map to show GE14 & GE15 turnout rate

~ From here, more thoughts can be delivered on how a party win / lose certain parliament seats

Title : Dashboard View 2

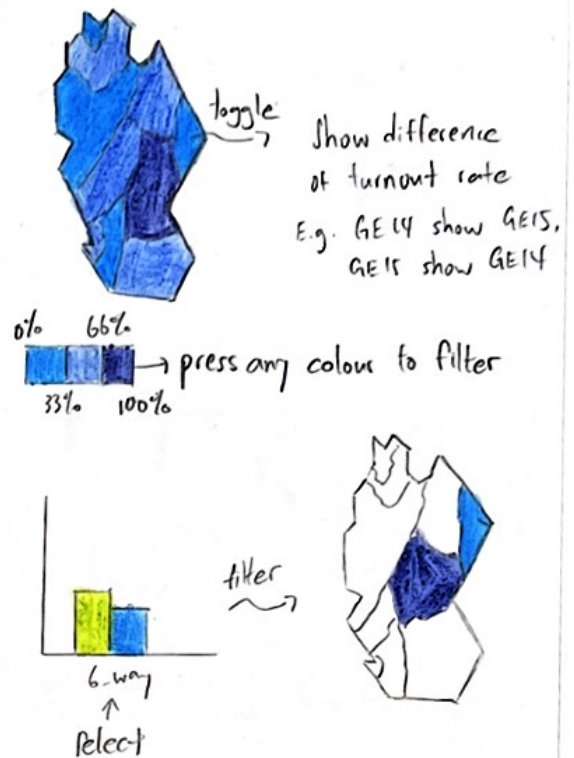
Author : Chuah Pze Ler

Date : 15/10/2024

Sheet : 4

Task : Dashboard View

OPERATION



DISCUSSION

- ~ The layout is clear & we can know what is presented
- ~ Visual center focuses on elector age group is not that good as main focus is on map
- ~ This arrangement is more reasonable as age group / multi-cornered fight should come after map

LAYOUT

GE14 & GE15: The War between Parties

Background of this visualisation = 7 Undi-18

Election Results

GE14 Results



GE15 Results

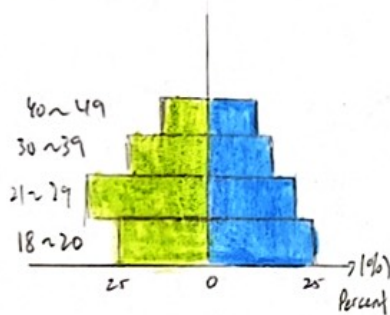


ER TR RD PH BN PAS PN GR5 Tie

Details of different results

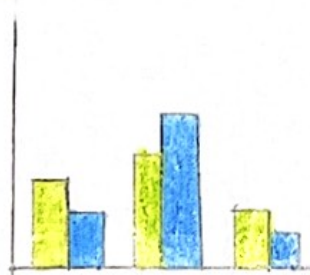
Electors Age Group

GE14 GE15



Multi-Cornered Fights

GE14 GE15



Title: Final Layout

Author: Chuah See Len

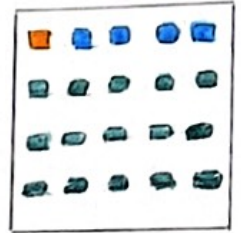
Date: 15/10/2024

Sheet: 5

Task: Final Chosen Layout

OPERATION

Election Result



Turnout Rate



Difference with GE14
↓ 10%

ER TR RD

Swap between maps

DETAILS

- Design web page using HTML & CSS [Technique]
- Data cleaning using R [Dependencies]
- Vega-lite for data visualisation
- At least 7 days to complete
 - 1 day - clean & prepare data
 - 1 day - learn to use vega-lite
 - 3 day - build visualisations
 - 1 day - design web page
 - 2 day - modify & improve
- No specific requirement for material, hardware

FOCUS

- Above visualisations are all the things that should be focused on
- Background of doing this visualisation helps to provide an introduction to our visualisation
- Understanding the distribution of age groups helps to know which age group should be improved
- Multi-cornered fights need to show the rise of different parties for the politics of Malaysia
- Turnout rate helps to improve areas with low turnout rate