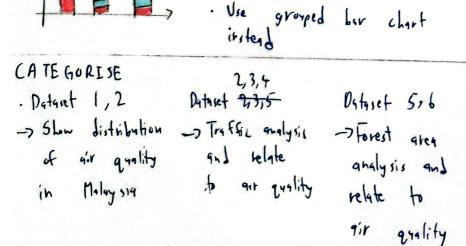
## IDEAS Sheet 1 Arthur! How You Lee Datasets Date: 11/16/2025 1. Air Pollution Index in Malaysia Title: Air Pollytion in Malaysia 2. Gree boundaries for Malaysia and surrounding countries Task ; FIT3179 Assignment 2 3. Transport Statistic Malaysia 2024 1,5,1 4. Open Street Map mad 5. Environment Quality Report 2022 6. Area of Permenant Firest Reserve by State 1,5,6 1,2,3,5,6 2,3,4 FILTER COMBINE & REFINERED Aai change · Too many categories make · Stacked bar chart

it hard to see any



· Use

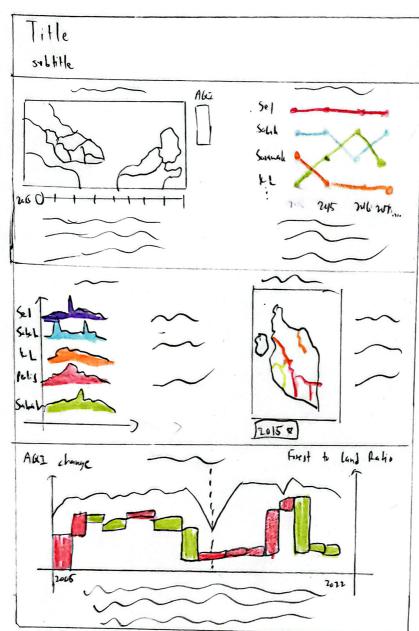
changes

Forest to land Ratio VS AQI change WHT visualisations tell · Does the 9 story 7

. Are 411 the vista lisations

nee ded 1

Layout



Forys

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Substitute

Substitute

Substitute

Ali density

A Show distribution of AGI value for states

of Celate fra fac density of certain states with AUI

Sheet 2

Arthor: How Yory Lee

Date: 11/10/2025

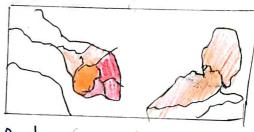
Title: Air Pollyton in Malgysia

Task: FIT 3179 Assignment 2

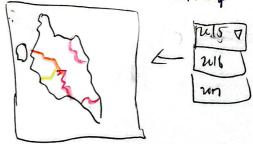
## Operation

· Time slider to control charupleth map

245 26 2015 Tune 2015



· Dropdown mem to control
year of linear heatmap



Discussion

Pros

ok Simple 2x3 grid layout

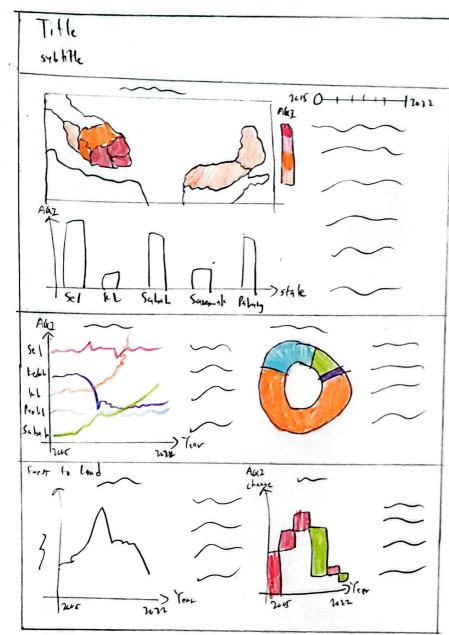
\* Interesting and eye-catching visualizations e.g. Bump that

Chart

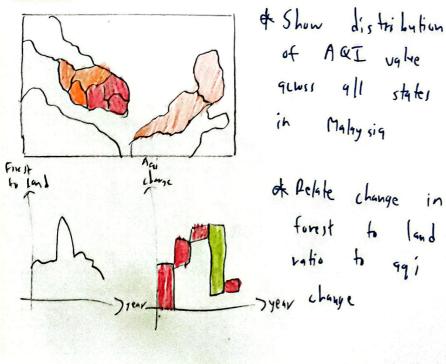
Cons

ok Hard to interpret violin chart if it is first plot seeing it

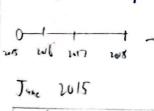
Layout

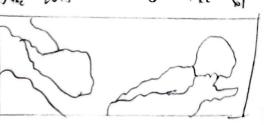


Focus



Sheet 3
Anthor: How Yong Lee
Date: 11/10/2025
Title: Air Pollution in Malaysia
Task: FIT 3177 Assignment 2
Operation
Time slider to control
champleth map and bar chapt





Discyssion

Pros

· Layout is easily understandable
· Good summary view of
femporal thend of AQI

quois all states

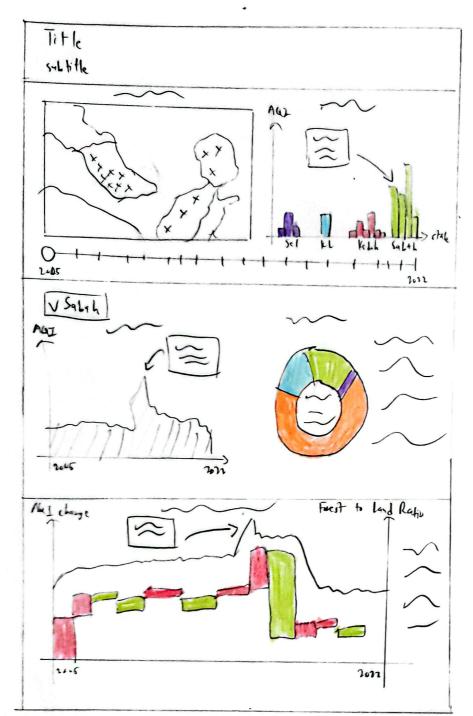
thend of one state of only

· Hard to compare AGT

value if AGI values

are very similar guess

all states in line chart



Focus



ok Slow distribution of gir monitoring station geness Malgysia

hor

A Compare distribution of ARI value between states



Sheet 4
Anthor! How Yong Lee
Dale: 11/10/2025
Title: Air Pullation in Malaysia
Tasle: FIT 3179 Assignment 2

Operation

· Time slider to control

det map and grouped bar

chart

Dire 2015

2015 2016 2017 2018

Jure 2015



· Drydown ham for selecting state in snew Chart

MIMITA

Sabah Vedah

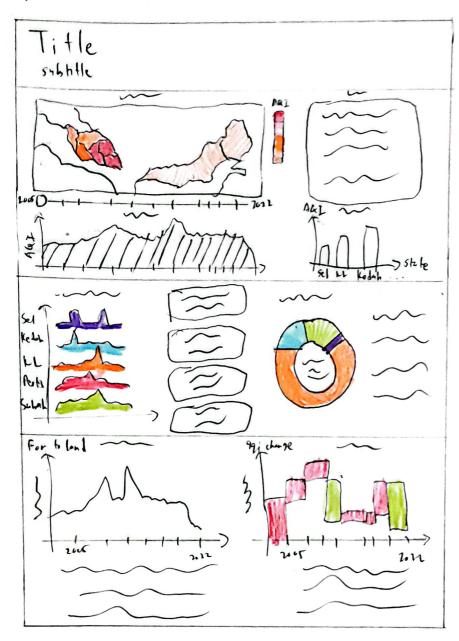
Discussion

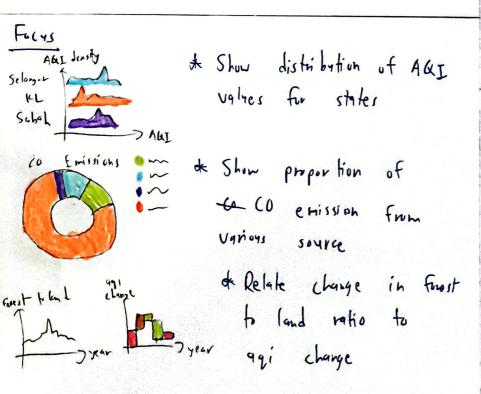
Able to see detail AQI
readings from every station
of Equier to pinpoint districts
that have worse air quality

Cons

the Readings AUI realing is not very informative unless aggregated by state

Layant





Sheef 5
Aythur: Hoo Yang Lee
Date: 11/10/2025
Title: Air Pollytim in Malaysia
Task: FIT 3179 Assign ment 2

Operation

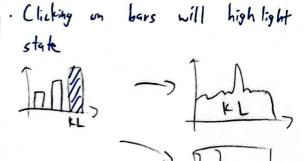
Time slider to control
choropleth map, area chart
and bar chart
The 1015

The 2015

The 2015

The 2015

The 2015



Jan 2015



Defail

Ok Vega life for all charts

th Custom javascript for
advanced interactivity

The Tailmind CSS for styling

Of Fit horizon tally on laptop

Screen without scrolling

A ~ I week to create