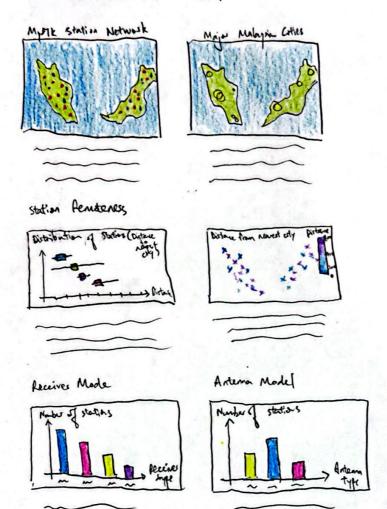


## MALATILA MY RTK NET



Title: MyRTK net Network Darkboard 1

Anthor: Lee Jian Jun Thomas

Date: 11/10/2025

Sheet: 2

Task: FIT 3179 Assignment 2

## Operation

Receiver type filter (map)

> so that a cleaner view of the
chosen receiver type of flations
can be visualized

Peninsular Malaysia / East Malaysia Atter

> users can view specifically

stations in Peninsular Malaysia

er East Malaysia

Elevation Height Alter

For the Hardware visuolisation, (Reciner & Antannan) can use minimum elevation filter to fleer out stations that are above a minimum threshold.

Focus

Gene: Anotated Chart

Princy Stay: Tells a story about how My RTK net Netwerk Stations are distributed auross Malaysia, and how do they differ on their hardware specifications.

Ty Parel)

Map 1 5 Overview of the distribution of Myfilter stations across

Map 2 -> Highlights where population densities are situated for easy companies

(Sead bre)

Box Plot -> Shows the Distribution of how close the stations in each states are to the nearest cities

Scatter plot -> Compare how dense stations are in Parinsular Modaysia, comparty with East Malaysia

That bel

Bas Charts -> Bith Bas Chart shows which type of hardware dominates the stations in Malaysia.

#### Disassian

1. Maybe the maps can be marged together, as long as it does not clutter the map

Advantages

1. Clean navative top dam, differentiated by distinct sections

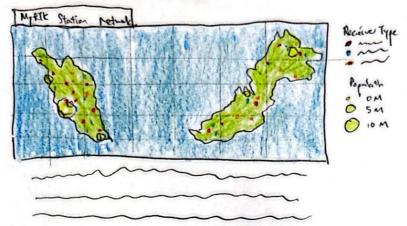
2. Minimal visualizations to convey important messages, no repeating.

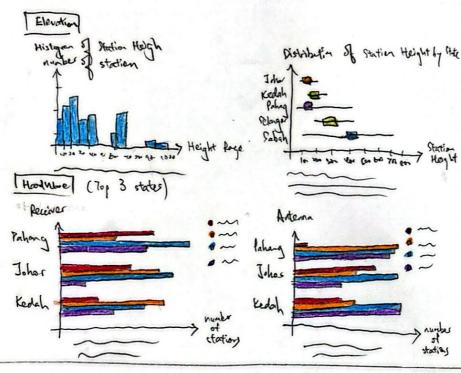
Diradvartages

1. Vienes most not be able the concept of Medians, Q1 & Q3, specifically for the bought,

2. Lack of Station Elevation data

MALAYSIA MY RTKNET





Title: My RTKnet Nemark Dashboard 2 Author: Lee Jon Jun Thomas

Date: W/w/2025

Shat 3: 3

Tosk: FIT 3179 August 2

## Operation

Receiver type father (map)

> so that a cleaner view of the chases receiver type of stations can be visualised to a map that only shows the population size can be shown too.

Paninsular Malaysia / East Malaysia fliter

- nsers can view special facility the

Stations in fernsular Malaysia

or East Malaysia

Elevation Harpit Alter

The flavorter specific plats,
an elevation height Alter can be
used to show station that
exceed a minimum threshold

Focus Genre: Amotated Wat

Primay Story: Tooks a story on how My RTKret Network Stations are distributed across Malaysia, how they differ in elevations from ground and the hardware models used for the stations in important states.

Map => Overview of the distribution of My Riknet stations and major cities across Malaysia

Second Parel

Box Chart -> show how the height of stations are distributed across Molaysic Rox Plot -> shows the distribution of station hight, categorised by state

(Third Parel)

Bar chest >> Shows how the number of stations by receiver model and antenna model differs across the top 3 states that has the highest number of states.

#### Discussion

Advantages

1. Clear overview of the main topic being visualised by untilizing only the mining charts

# Disadvantages

- 1. Showing just top 3 states right not be sufficient in visualising how hardward compenseds is being used across stations
- 2. Lack of obstance to nearest city of stations data.

WAKIK NEI MALAYSIA MYRTK Station Notwork facines type Population OM O SM O wM Distance from Cities Distance Latitude Elevation statio Hought Rang ; number of stations

Title: MyRTKnet Network Dashboard 3

Author: Lee Jon Jun Thomas

Date: 11/10/2025

Sheet: 4

Tack: FIT 3179 Assigning 2

## Operations

Pereiver type filter (map)

The deaver view on the chosen receiver type for stations can be visualized & a map that shows the population size only can be visualized too.

Pennsular Malaysta/East Malaysta After

> users can view specifically the

stations in Peninsular Malaysia

or East Malaysia

Elevation Height files

> for the Elevation specific plots,

use a minimum height) filter

to show stations that exceed

the chosen minimum threshold-

seus Gene: Annotated Chat

Primary Story; A story on how MyRTKnet Network Stations are positioned ocentre Malaysia, how they differ in elevations from the ground and an overall look on the hardware dillisation for the stations.

To fact)

Map = overview of the distribution of MyRTKnet stations, together

with the major cities across Malayria

Scatterplot -> A closer look on the distribution of distance from citize of the My ET Knot stations.

Third Parel)

Bor Chart > shows how the overall elevation of stations differ and how they differ across states.

Fourth lavel > both Bar Chart shows which type of hardware dominates,

## Discussions

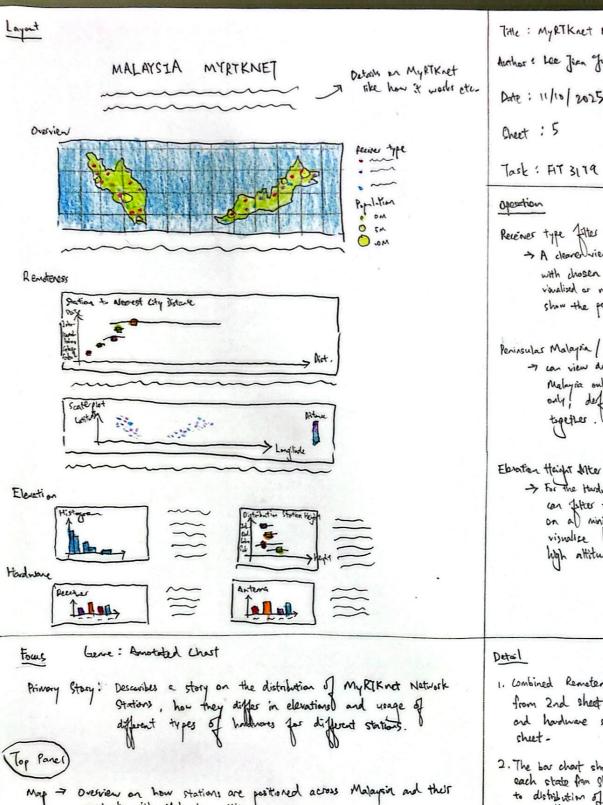
Advantages

I. Clear visualisation of all the topics by unitary only the necessary charts.

2. Using simple charts allows the viewess to easily undestand, avoiding using complex jargary.

Disadvantages

1. Separatine into too many pavels and visibilisations might be containing to the rever, hence clear annotation is needed.



Title: MyRTKnet Network Dashboard (Final)

Author: Lee Jien Jun Thomas

Date: 11/10/2025

Task: FIT 3179 Assignment 2

Receives type filter (map)

> A cleared view would be visualised with chosen receiver type to be visualized or none at all to only show the population size.

Peninsulas Malayin / East Malayina Atte or can view data from Perinaular Malayia only ar DEast Malays only! default is view both typether. O

-> For the Hardware section, we can letter the stations based on a) minimum helph to vignalise hardware Just of high attitude stations.

eximity with Malaysian cities. I

Second fore Box Plot > Shows how the stations in Affect state is distributed regarding their distance from the nearest cities.

Scatterplot > A closer observation on the distribution of distance from which of the My RTK-net stations.

(Third fore) Bar Chart > Shows how the stations are distributed across different elevation heights Box Plot > Shows the distribution of station height across Offrat states

Bar charts -> Buth bor charts shows which type of hordware dominates the n

- 1. Combined Remeteres visualizations from 2nd sheet with map, elevater, and hardware section from 4th
- 2. The box chart showing highest station in each state from sheet it is chaqued to distribution of station height ocross the states.
- 3. Covers all the sections that is present in all 3 of the sheets to let viewers have a better understandly of the MyRTKnet stortions .
- 4. Elevation Height After not used as Elevation visualisation since we want a better overview on the clevation Astribution. It is used on Hardwork intend for masons stated above.