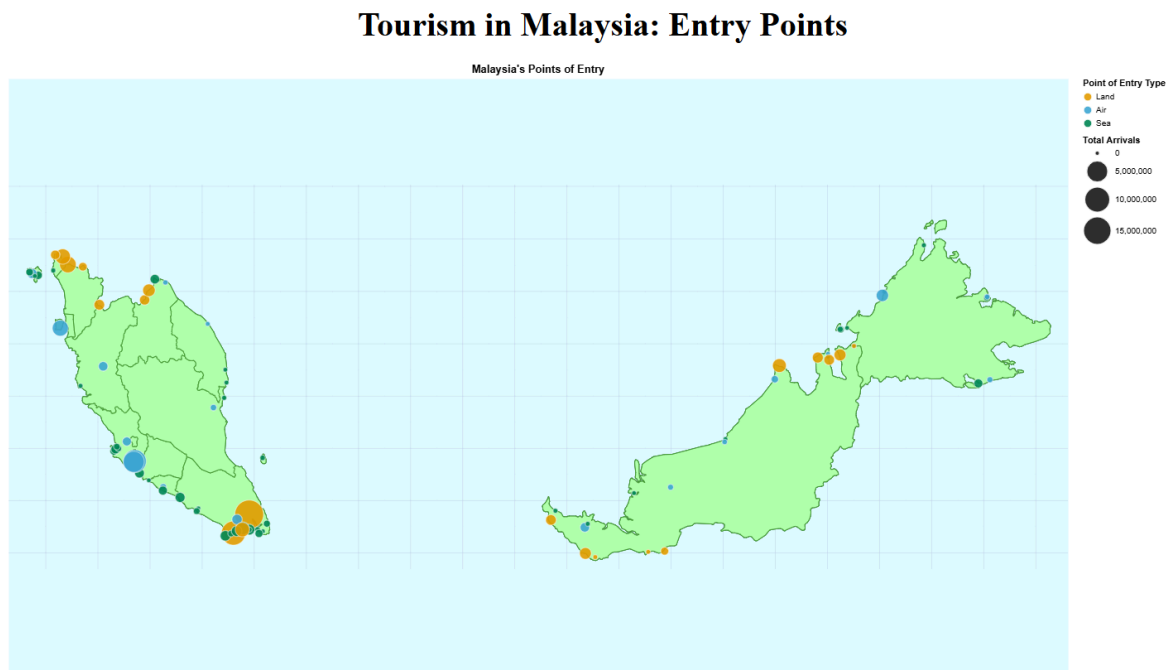# FIT3179 Homework Assessment Week 9

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Student ID   : **33992606**
Studio   : **Friday 1pm – 3pm**
Tutor name   : **Dr. Grace Ting Chai Wen**

URL: https://bryanlje.github.io/3179week9hw/

Screenshot:

Domain: Tourism and Economic Performance in Malaysia

Attribute Types:

- Nominal:
    - Point of entry name (poe)
    - state name (state)
    - point of entry category (land, sea, air) (type)

- Quantitative:
    - Year of arrival (taken from date)
    - total arrivals (arrivals_total)

- male arrivals (arrivals_male)
- female arrivals (arrivals_female)

Source & Author:

1. Foreign Arrivals + Point of Entries (POE) (Kaggle) – https://www.kaggle.com/datasets/yyxian/malaysia-foreign-arrivals-by-origin-and-gender?select=foreign_arrivals.csv

Map Idiom Choice:

The proportional symbol map is the ideal choice because it clearly communicates "how much, where." Since each point of entry is a discrete location with its own total number of arrivals, scaling a symbol (circle) directly on that spot shows the magnitude of activity precisely.

We avoid a choropleth map because it would require grouping the data by state, which would lose the detailed variations between individual ports. Furthermore, choropleths can be misleading due to the unequal size or population of the states. A simple dot map is insufficient as it only shows the presence of a port, not the crucial information about the volume of arrivals at that specific site.