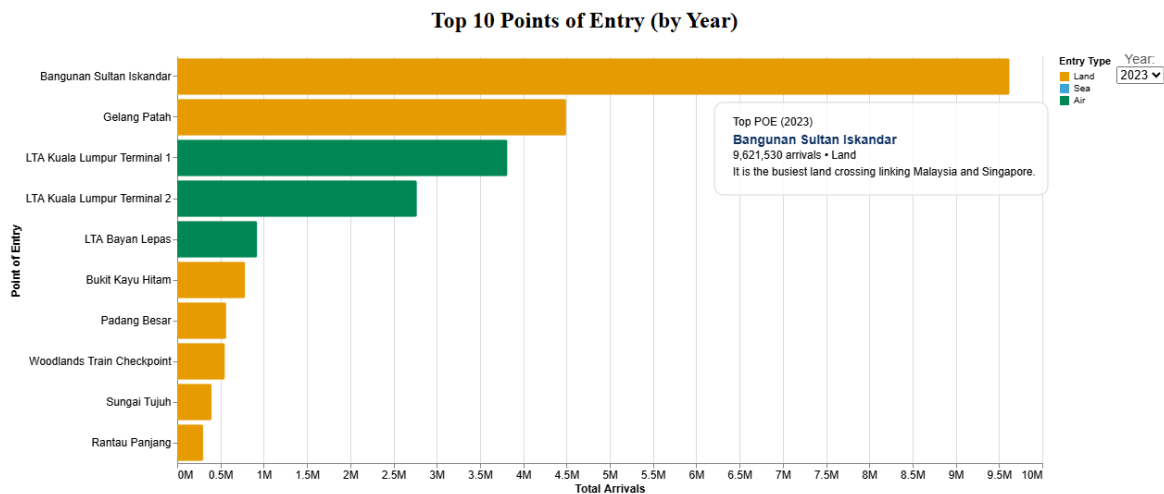# FIT3179 Homework Assessment Week 10

Name   : **Bryan Leong Jing Ern**
Student ID   : **33992606**
Studio   : **Friday 1pm – 3pm**
Tutor name   : **Dr. Grace Ting Chai Wen**

URL: https://bryanlje.github.io/3179week10hw/

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:

A bar chart is ideal here because the task is to compare magnitudes across discrete categories (points of entry). The common zero baseline lets viewers judge differences in totals accurately, and sorting shows the Top-10 ranking clearly. Horizontal bars fit long POE names, while color encodes type (land/sea/air) without adding extra axes; the year filter cleanly compares time slices.