Sarawak Visitor Arrivals (2017-2021)

Github Link:
https://github.com/ChongKaiBo/COS30045_Data_Visualisation

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Year 2 Semester 2

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1. Introduction

1.1 Background and Motivation

First of all, this visualisation will be very beneficial for tourism officials and planners as they would be highly interested in the Sarawak visitors' related data. This is because these data can directly impact their decisions and strategies. They might want to analyse visitor demographics, track seasonal variations, identify popular tourist destinations, and assess the economic impact of tourism on the region.

Secondly, tourism businesses for example hotels, restaurants and tour operators as they would want to understand visitor patterns and preferences to tailor their services. They may want to analyse the geographic origin of visitors, peak booking times, and types of activities that tourists engage in to optimise their offerings and generate the most incomes.

Lastly, Sarawak residents will be interested too as they might want to stay informed about the number of tourists in their area and the potential impact on their community. They are also interested in understanding how tourism affects their daily lives, such as traffic patterns and demand for local services. Thus it is vital as this will eventually increase the quality and benefit of their living.

1.2 Visualisation Purpose

The purpose of this visualisation is to provide a more informative and effective viewing experience to the users by not only showing them all kinds of numbers. The data is then processed into various types of visualisation for instance bar chart, scatter plot, line chart and so on hence the users can understand more about the summarised data rather than just some messy tables. Besides, users may observe the trend based on the data visualisation provided and use this information to gain benefits for their living.

1.3 Project Schedule

A meeting will be held every week to keep track of the members’ progress and also the tasks that need to be completed on that particular week.

Week 3 - Completed the Part 1 of the project (Introduction)
Week 4 -

2. Data

2.1 Data Source

2.2 Data Processing

3. Requirements

3.1 Must Have Features

3.2 Optional Features

4. Visualisation Design

5. Validation

6. Conclusion

Reference