

## Weekly Diary Entries

### Week 9

After exploring many different topics and finding available datasets, I finally decided on a topic that is interesting, feasible and relatable! I decided on something closer to home, and intriguing for people of my generation. It's also a question that I have been thinking about for the longest time...

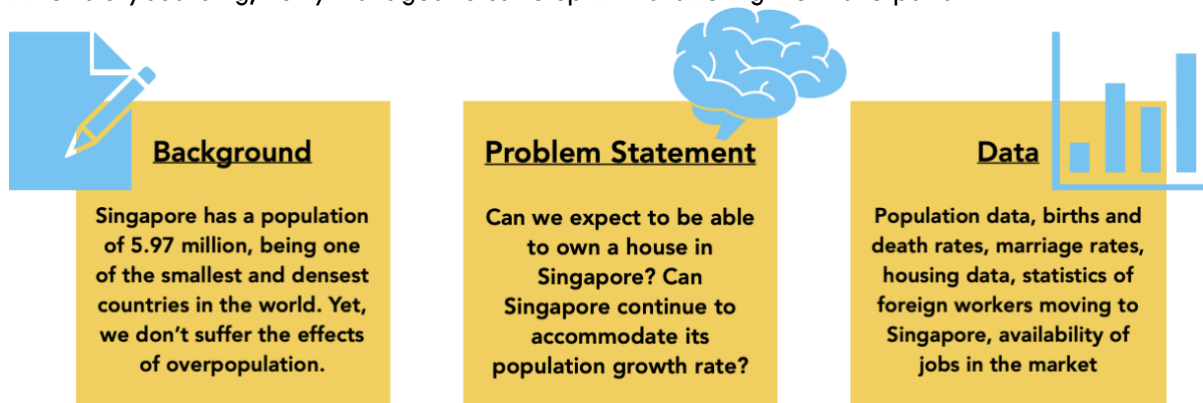
"Would I be able to own a house in Singapore after I graduate?"

"Is there enough space left for me in Singapore?"

I also chose this topic because of the abundance of data surrounding it that I may use for my investigation and analysis of the question. A lot of population data is available on SingStat, plus I can use other housing and job data which would be useful as well.

I decided to name my project SPACE since the central theme of my data story surrounds spatial availability/scarcity.

When storyboarding, I only managed to come up with answering the first 3 parts:



### Week 10

**What is your project about?** Spatial availability in Singapore

**What is the data you plan to use?** A data set with population indicators, housing, and job availabilities. Here's a link to the full data set: [dataset\\_space.xlsx](#)

**What is the question you plan to answer?** "How much space is there left in Singapore?" It aims to investigate whether Singapore can continue to accommodate the growth rate of its population in years to come.

**Why is this an important question?** According to World Data.info, the population of Singapore had grown from 1.65 million in 1960 to 5.45 million in 2021. As one of the smallest countries in the world with a land area of 728km<sup>2</sup>, we are also one of the most densely populated countries with approximately 8000 people per square kilometre. With this overarching threat of overcrowding and overpopulation, Singapore still encourages a high influx of immigrants. Therefore, can Singapore really ensure that quality of life is not sacrificed as the population keeps growing?

**Which rows and columns of the dataset do you plan to use, to answer this question?** I plan to use the most recent available data from 2000 – 2022. I acknowledge that there will be anomalies in my



