**Topic**

Population Structure

**Introduction**

Singapore, like many countries in the world, is facing a demographic shift. With both fertility and mortality rates declining, Singapore's young population is declining year by year, while the number of middle-aged and elderly people is increasing annually. According to the World Bank, the age dependency ratio in Singapore has arrived 35.35 % in 2021. This means that young people are under more pressure to support the elderly. Without intervention, this ratio will continue to increase in the future, which puts a huge financial and psychological burden on young people and hinders socio-economic development.

Therefore, I intend to design a data story to show my audience the current demographic situation of Singapore, the changes it has undergone in recent decades, and its major problems. I hope that my data story will raise more people's awareness on the demographic issues.

**Data**

I will mainly use data from the World Bank and Singapore Department of Statistics (DOS). Information from other sources will be used as additional resources. The links are:

<https://www.worldbank.org/en/country/singapore> (An international organization concerned with global population issues)

<https://www.singstat.gov.sg/> (Singapore Government's Statistics Department)

[https://www.populationpyramid.net/singapore/](https://www.populationpyramid.net/singapore/2002/) (A website to generate population pyramids)

**Concepts**

*Website Structure* (such as adding headings, subheadings, paragraphs) from Week 2 and Week 3

*Website Customization* (such as changing the color of my page background, changing the color of my words) from Week 2 and Week 3

*Add elements with links* (such as pictures or references to other pages) from Week 2 and Week 3

*Define variables* from Week 4

*Add functions* from Week 4

*Add buttons* (or called ‘events’, such as a slide bar to allow audiences to drag) from Week 5

*Using GitHub* from Week 6

*Using Loops* from Week 6

*Add charts* (such as bar charts or pie charts) from Week 7 and Week 8

<https://docs.google.com/document/d/1A8WLb_8WC6yvJannCS6Ya7odgN1N77Z2swoBOf81cH4/edit>