



IT @ SINGAPORE

A THROUGH RESEARCH ON IT DEVELOPMENT IN SINGAPORE THROUGH
COVID PERIOD.

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Link:

<https://mzhang78usfca.github.io/IT-SG/>





Project Objectives:

- Find out how good Singapore's Covid control was, compared with other countries. And why it is attractive for some companies.
- Find out how IT labor market (or overall labor market) behaves during Covid influence.
- Find out if IT companies recently moved to Singapore.



How I incorporated the feedback

- Finish professor's suggested improvement during code review
- Finish improvement from classmates that were marked as “actionable”
- See if anything else can be done



Things done after Beta Release (success)

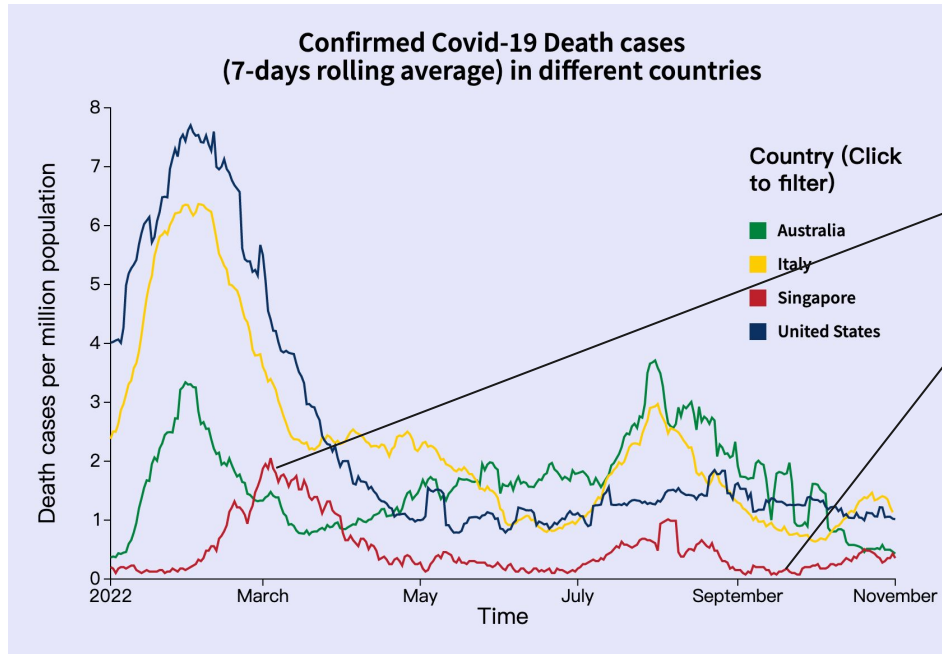
- Tons of minor changes
 - Front page name
 - All axis tag increase font size
 - Labor number format
 - Labor legend moving
 - Company y axis moving
 - Company legend moving
- Added next/prev button
- Altered stacked bar chart to grouped bar chart



Things done after Beta Release (in progress)

Dynamic Tooltip: Still have bug with filter interactive code. Investigating.

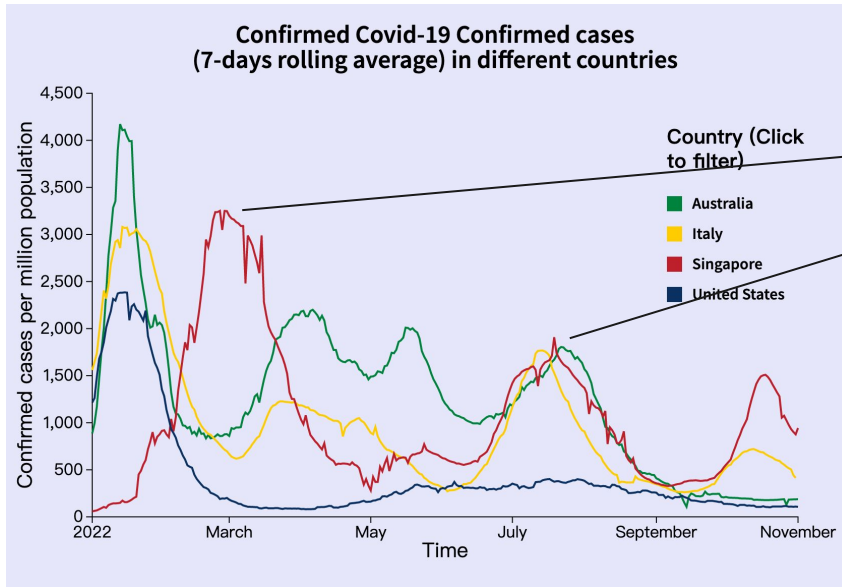
How good Singapore's Covid control was?



Maximum and minimum of death cases/population ratio lower than other countries.

Matched expectation: Yes

How good Singapore's Covid control was?



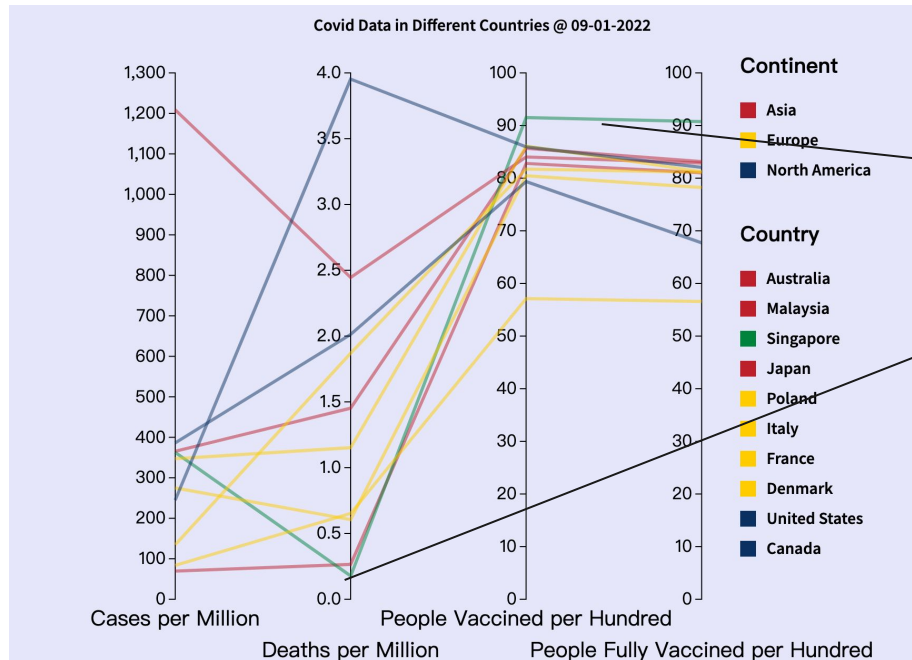
Peak of confirmed cases are not lower though

Matched expectation: No

However, there was when Singapore reopened borders and dropped outdoor mask mandate.

Still came with low death rate

How good Singapore's Covid control was?

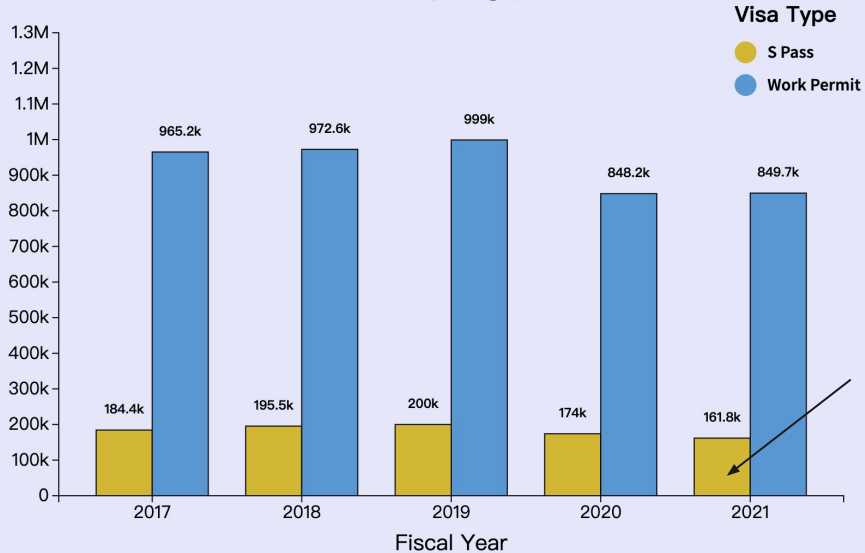


Very high vaccine rate
Lot more higher than other
developed countries

Matched expectation: Yes

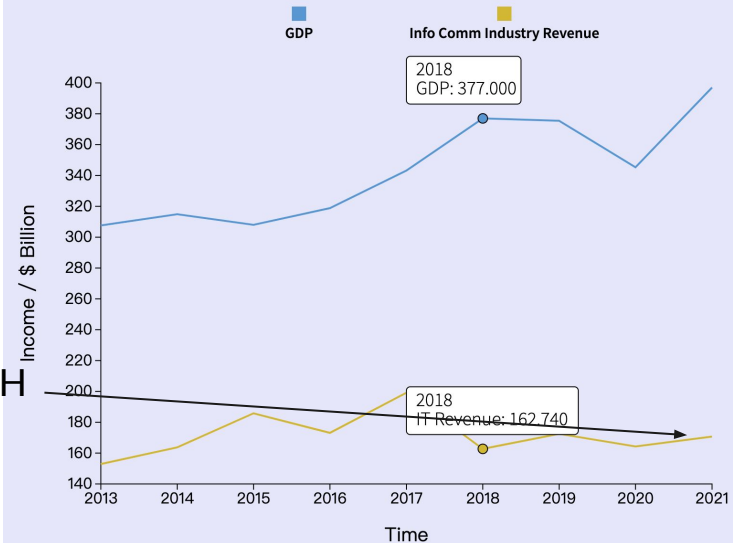
How IT labor market behaves during Covid

Work Permit and Special Work Pass (IT related)
issued by Singapore

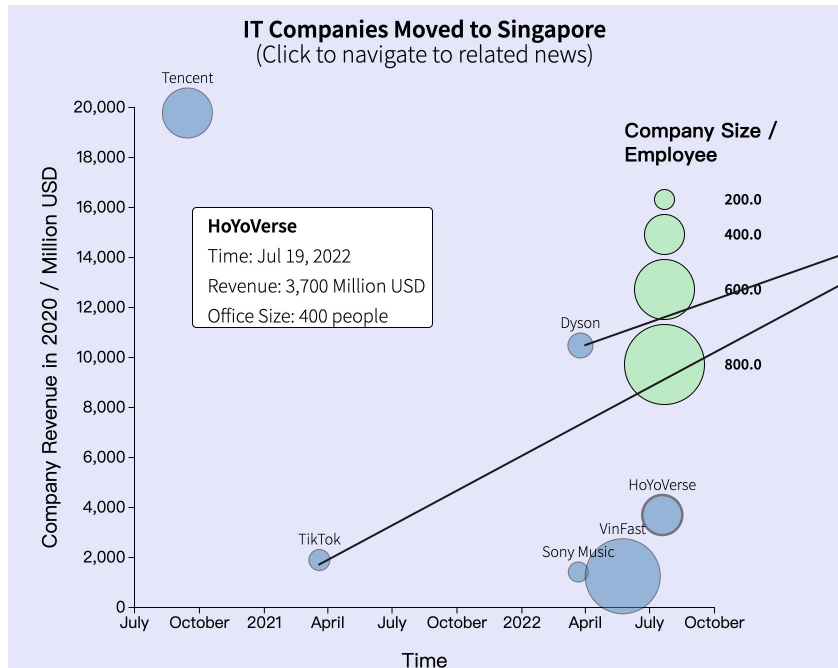


MATCH

Singapore GDP and IT revenue changes
during COVID pandemic



If IT companies recently moved to Singapore.



- Not large in amount
- Not headquarter, just office

Matched expectation: No
Matched previous slide: Yes



Discussion

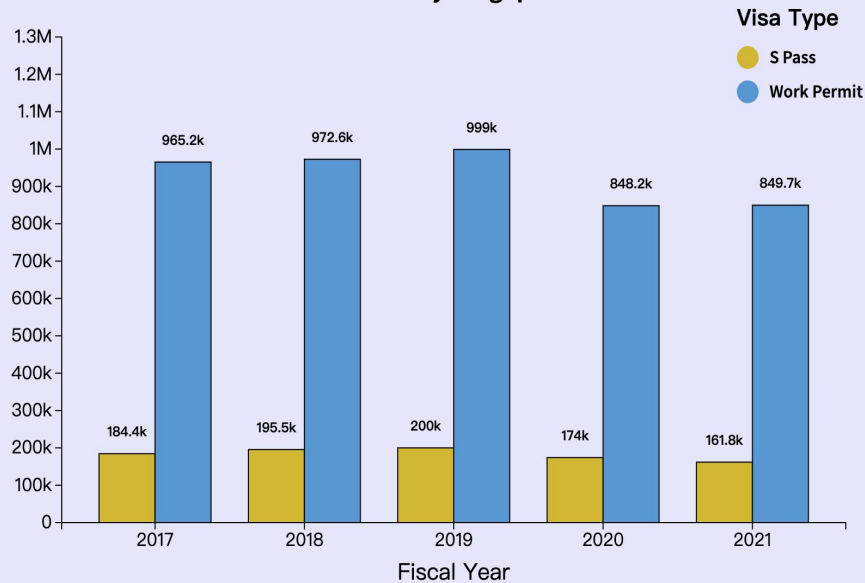
Application of grouped bar chart -> promising.

Separate legends with different type under different title -> promising

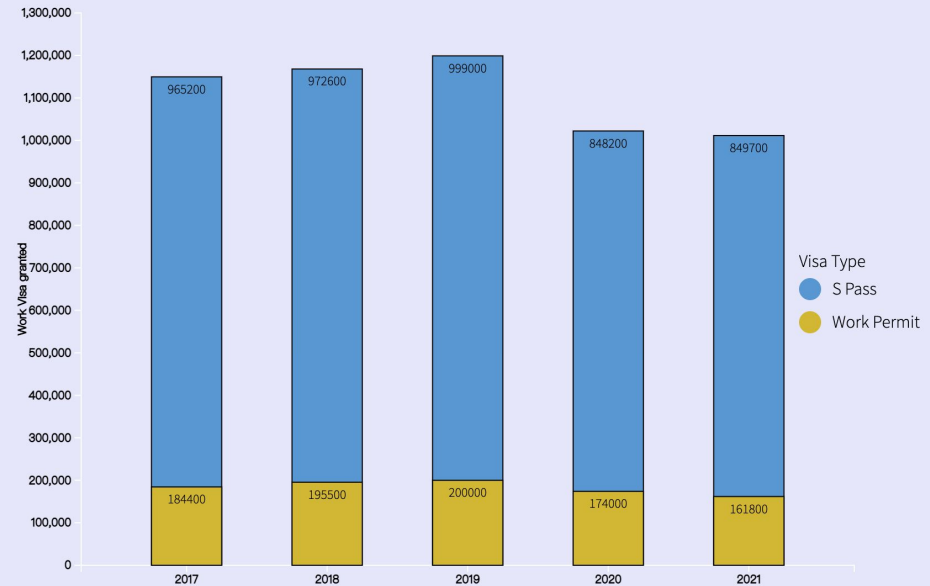
Things that would do different: stay away from industry report research

Comparing approach

Work Permit and Special Work Pass (IT related)
issued by Singapore



Work Permit and Special Work Pass (IT related)
issued by Singapore





Future work

- Ask real Singaporeans: how they feel?
- More company info
- More interactive method