

Title: Ready for Take-Off

Qn: Will Singapore Changi Airport be able to recover after COVID?

Audience: People who are looking forward for travel to return to normal

<u>Background</u>	Due to the pandemic there has been a disruption to air travel due to the increased restrictions set forth by many countries. Singapore Changi airport has been one such country that has seen the effects of a such decrease in air travel and traffic to our once busy air hub. This story would seek to learn more about how air travel has changed since the start of covid and investigate whether there is hope for air travel. We will then investigate whether there is a relationship between this recovery and ticket prices.
<u>Analysis</u>	I will be analysing this by looking at passenger and aircraft movement at Singapore Changi airport. I will seek to draw trends between the peak of the pandemic and the corresponding passenger and aircraft movement during that period. Thereafter, I will investigate whether we can see a decrease in flight prices as the flights to Singapore start to increase and the borders open
<u>Recommendation</u>	
<u>Data</u>	<ul style="list-style-type: none">a. https://www.statista.com/statistics/867835/singapore-number-of-passengers-changi-airport/b. https://ourworldindata.org/covid-casesc. https://www.statista.com/statistics/1045358/singapore-number-of-passengers-in-transit-changi-airport/d. https://www.changiairport.com/corporate/our-expertise/air-hub/traffic-statistics.html
<u>Problem Statement</u>	Covid-19 has impacted air travel, making it more difficult and expensive to travel to other countries compared to Pre-Covid.
<u>Findings</u>	

Scene:	Description:	Data and features used:
1.	Thomas goes to Changi Airport and laments how air travel has been over the years	2. Increase in COVID-19 spread a. https://ourworldindata.org/covid-cases 3. Decrease in passenger movement a. https://www.statista.com/statistics/867835/singapore-number-of-passengers-changi-airport/ 4.
2.	Thomas looks around and is shocked to see how bustling the airport is and is in awe that many people are out and travelling. We start to look at Pre-covid Changi airport	1. Increase in passenger movement a. https://www.statista.com/statistics/1045358/singapore-number-of-passengers-in-transit-changi-airport/ 2. Increase in aircraft movement a. https://www.changiairport.com/corporate/our-expertise/air-hub/traffic-statistics.html
3.	We will see the effects of Covid on Changi airport During Covid	1.
4.	We will see how Changi Airport Recovers from covid Post Covid	1. https://www.oag.com/busiest-routes-right-now 2.
5.	But has travel changed due to the pandemic? <ul style="list-style-type: none"> - I am gonna analyse the change in price and flight frequency and analyse the affordability in relation to pre-covid levels - Hindsight: Covid has made travel less accessible to everyone (you can't travel to as many countries and even if you do it is expensive) 	

Implementation of Concepts:

Week:	Concept :	Implementation:	Line Number :	Filename:
Week 2 - Basic HTML website Setup	Div Headers	Usage of HTML, CSS and Javascript to make the website and allow it to fit the aesthetics I want. I will also learn how to adapt codes I find on the web to suit the needs and functions of my website.		Index.html appscripts.css
Week 3 - Using JS to give functions to my website	Changing Font Background			
Week 4 - Functions	Creating Charts	<p>“Var” is used to help in my graph creations.</p> <p>I also plan to include a feedback session at the end of the page where viewers can select whether they passed covid and are ready to travel.</p>		main.js
Week 5 - Event	Button	I will be using a button feature at the start of the story to allow people to enter and view the situation at different points.		index.html
Week 6 - Loop	EventListener	I want to create an event listener where when I scroll down, a plane moves across the screen from left to right.		
Week 7 - Charts	Line, Bar, Pie Charts Geographical charts (possibly)	<p>Charts will be used throughout the story to compare the trends.</p> <ol style="list-style-type: none"> 1. Increase in covid cases (Line chart) 2. Airports with strict airport regulations (geographical chart) 		main.js
Week 8 - Datasets				
Week 9 - Fetch				

		<ul style="list-style-type: none">3. Decrease/Increase in aircraft movement (Line chart)4. Decrease/Increase in passenger movement (line chart)5. Popular countries to travel to post-covid (Bar Chart)6. Price of tickets over time (Line Chart)		
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