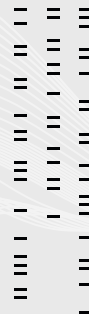
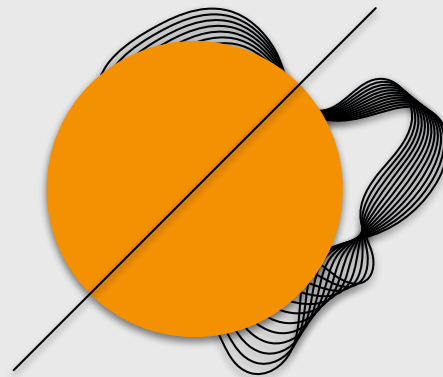


# COVID-19 VACCINE ANALYSIS

APRIL 2021  
BY CASSIE NUTTER



“The speed and efficiency with which these highly efficacious vaccines were developed and their potential for saving millions of lives are due to an extraordinary multidisciplinary effort involving basic, preclinical and clinical science that had been under way -- out of the spotlight -- for decades before the unfolding of the COVID-19 pandemic”

— **Dr. Anthony Fauci, M.D.**





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# MOVING AROUND INTERNATIONALLY

Many wonder when the World will be “normal” again after the pandemic. Resuming safe travel and trade between countries is imperative to improve the global economy.

This project aims to discuss how the COVID-19 vaccine can help with international travel and trade that will return a somewhat familiar feeling of normalcy.

Data was obtained from Our World in Data, World Bank Group, and Twitter

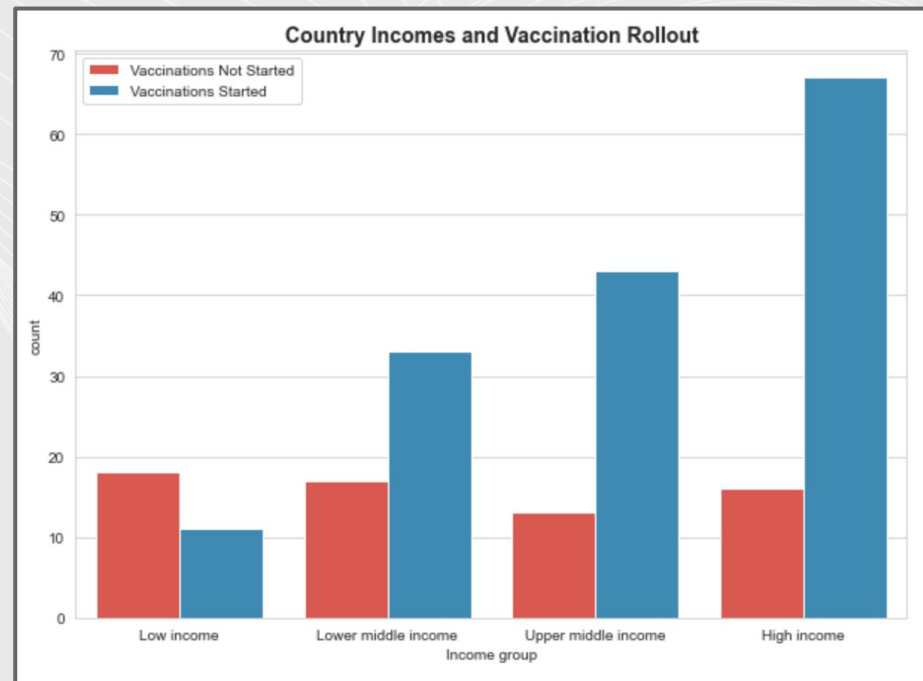


# COUNTRIES STARTED VACCINATING BUT NOT ALL OF THEM

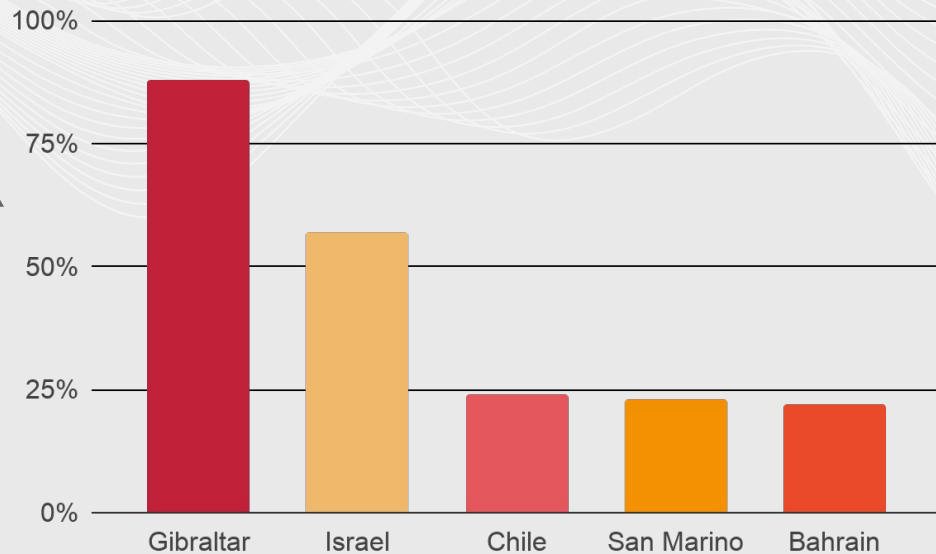
81% of high income countries have started vaccinating residents

VS

38% of low income countries



# HIGHEST RATES OF VACCINATION



## **GIBRALTAR**

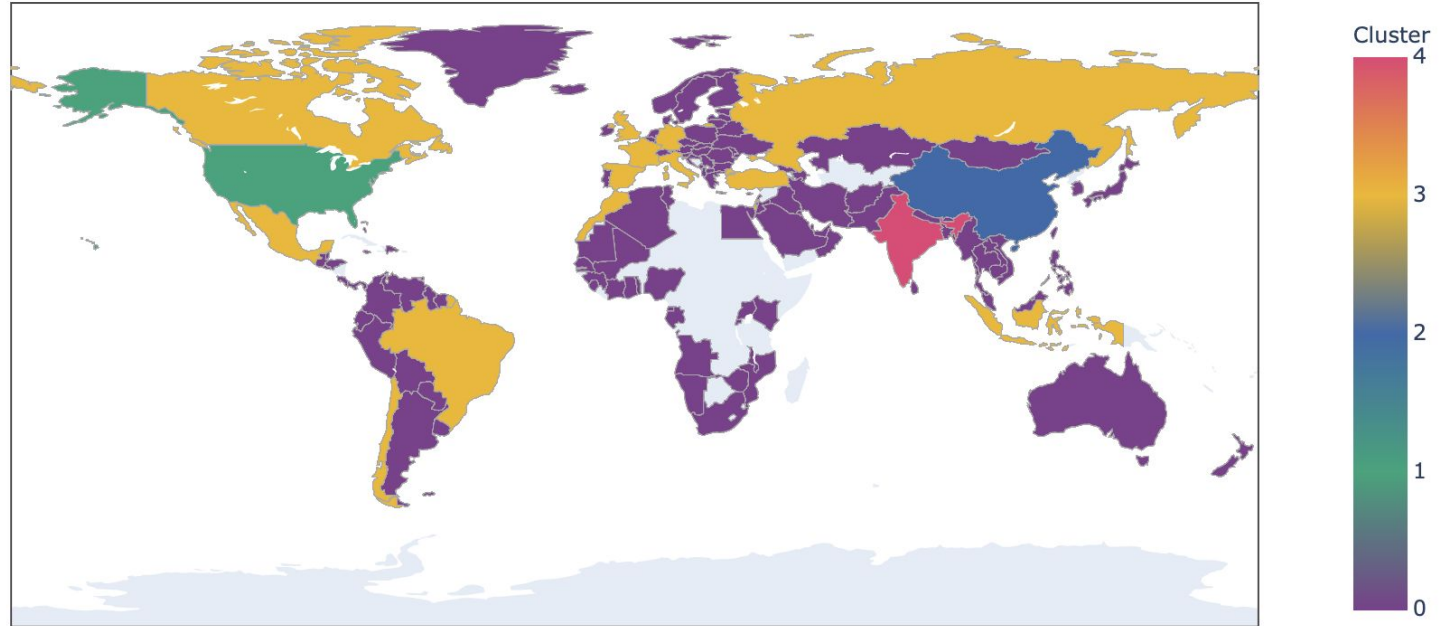
A very small population and access to Britain's vaccine supply helped boost the vaccination rate

## **ISRAEL**

Negotiating with Pfizer (one of the 1<sup>st</sup> vaccine makers) and an efficient health-care system ensured a quick rollout



# THE WORLD IN 5 SEGMENTS

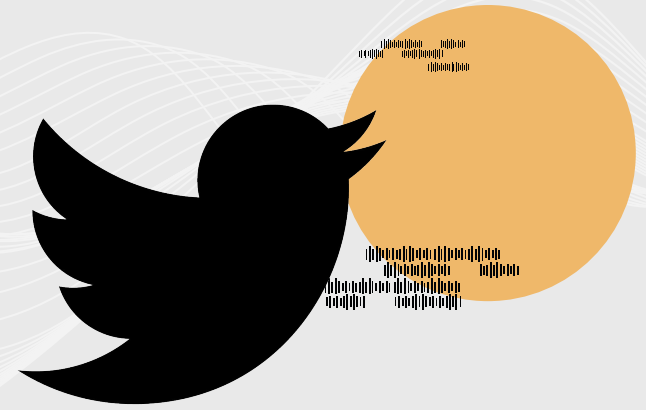


*Last date of data: April 5, 2021*

# COVID-19 VACCINE TWEETS

Words that were commonly found together in the Tweets include:

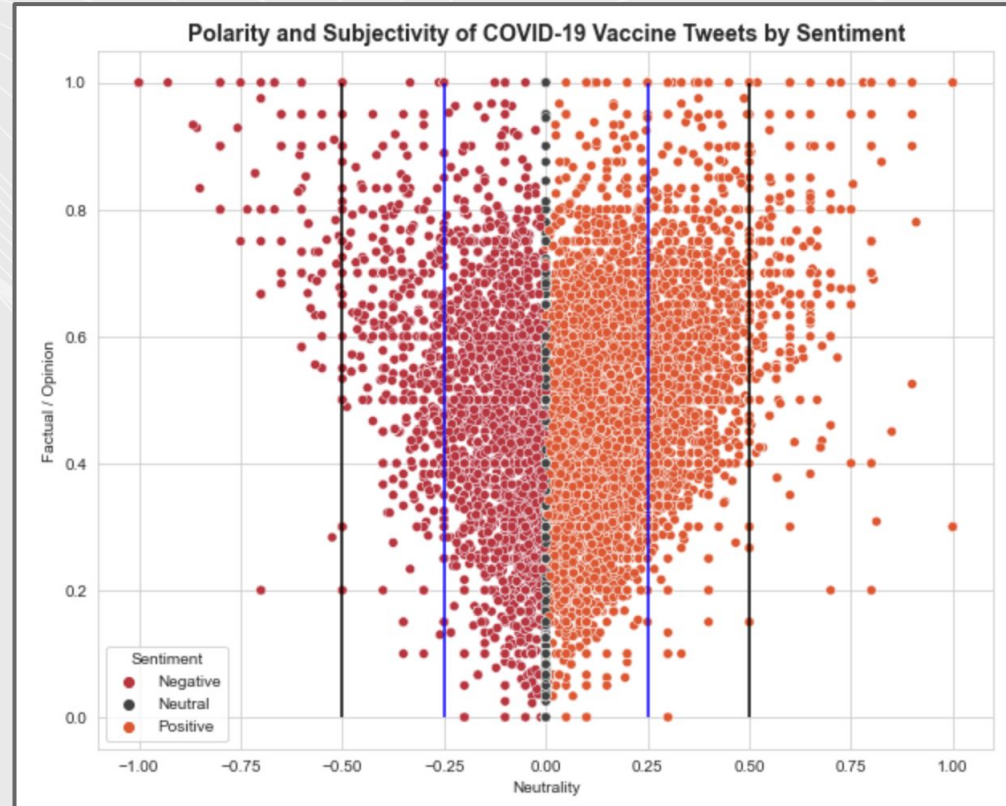
- **'appointments' , 'available'**
- **'vaccine' , 'passports'**
- **'side' , 'effects'**





# POSITIVELY POSITIVE

The positive Tweets  
are more positive than  
the negative Tweets  
are negative.





# 70% HERD IMMUNITY

When will the world hit herd immunity; making unencumbered global trade and travel a reality?

# HERD IMMUNITY MODEL PREDICTIONS

01.

**½ YEAR**

This predicted  
we will see  
the light in  
160 days

02.

**<1 YEAR**

Another said  
it could be 11  
months from  
now

03.

**1 YEAR+**

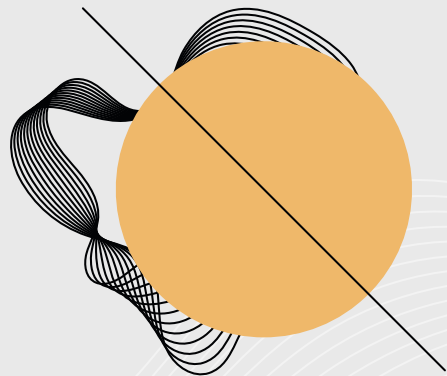
A third  
suggests it  
would be 382  
days

04.

**4 YEARS**

And one  
predicted over  
4 years

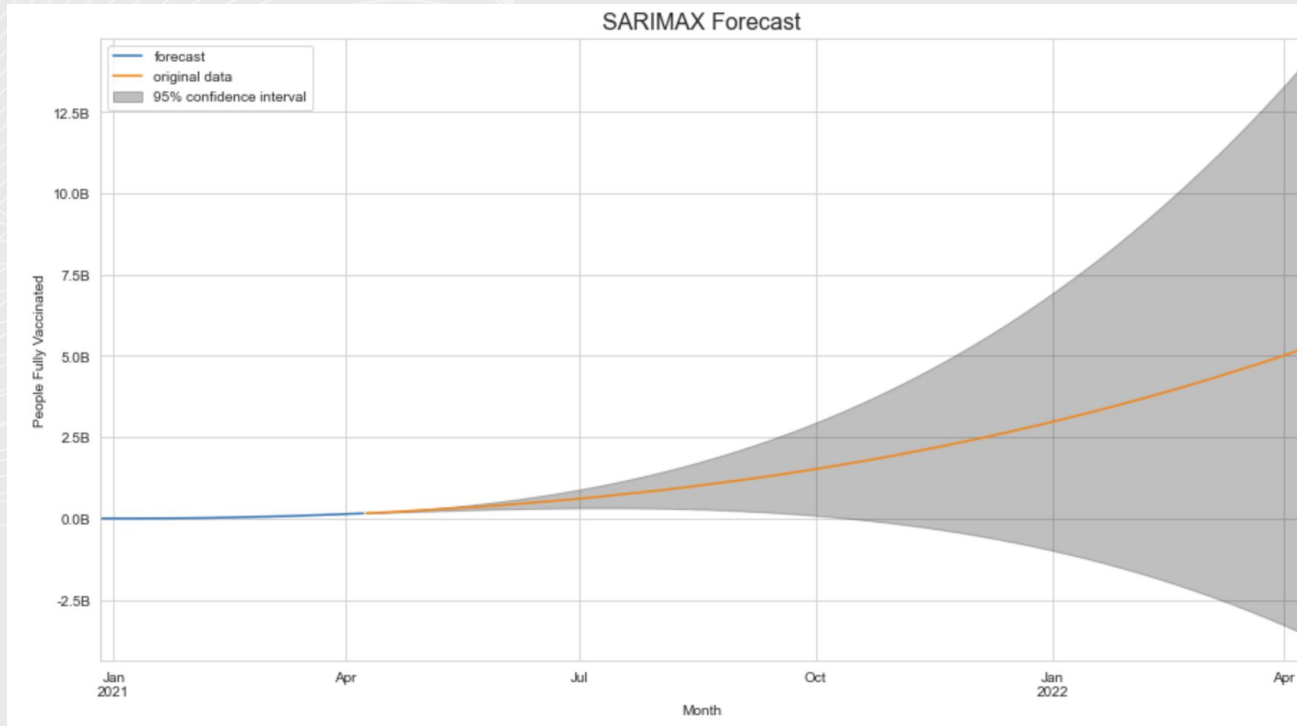


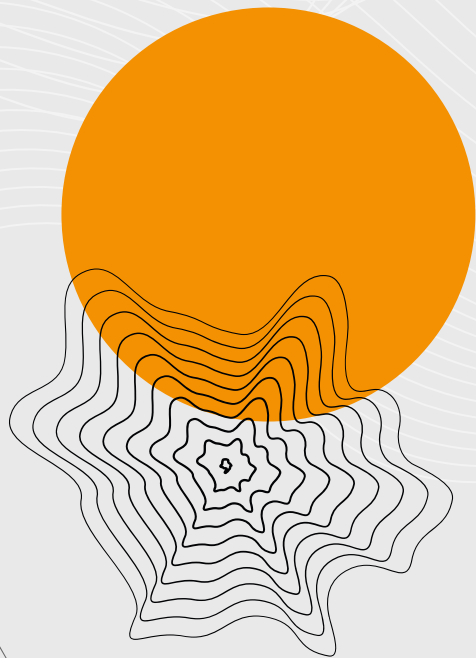


# WINNING PREDICTION MAY 2022



# IS IT ACCURATE?





# Thanks!

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# Thanks!

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# OUR TEAM

