I have a world map of all the infected areas - start with this and explain how it started in china and spread to everywhere – reasons for that with sources.

Top 10 countries in (death’s) which are escaping the curve and why ?

Here I can discuss about china(escaped) and other country still in rising(US) and why china escpaed . Plot a curve for south korea here and also discuss what was done and what happedn if not done.

Outliers in terms of death and confirmed

Here outliers helped me understand …. Why deaths in Italy raised .. old people population

SD graph?

Top 10 confirmed time series graph ( 100 above cases)

Check what to write here

Curve fitting

Explain curve fitting

Series of graphs:

World map -> top 10 countires charts 100(Deaths&confirmed) -> outliers -> which countries are escaping chart-> curve fitting

What I want to write:

How countries should react when a pandamic happens- How preventive measures like lock down – social distancing – track and race etc are proven the best way to flatten the curve in such scenarios

And reduce the effect on healthcare system which would be gone like a small diesese

Resources:

Why doctors don’t know the exact treatment

<https://www.nature.com/articles/d41586-020-01056-7>

why it takes so long time to get a vaccine

<https://www.usnews.com/news/health-news/articles/2020-04-06/why-will-it-take-so-long-for-a-covid-19-vaccine>

why some count suffered

<https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(20)30686-3/fulltext>

How contact tracing in US is starting now so late:

<http://www.centerforhealthsecurity.org/resources/COVID-19/>

[A National Plan to Enable Comprehensive COVID-19 Case Finding and Contact Tracing in the US](http://www.centerforhealthsecurity.org/our-work/pubs_archive/pubs-pdfs/2020/a-national-plan-to-enable-comprehensive-COVID-19-case-finding-and-contact-tracing-in-the-US.pdf)

South Korea and the United States confirmed their first case of COVID-19 approximately three weeks after the reported outbreak in China.

(<https://www.brookings.edu/2020/04/02/the-early-days-of-a-global-pandemic-a-timeline-of-covid-19-spread-and-government-interventions/>)

Might help with the document structure:

<https://wwwnc.cdc.gov/eid/article/26/7/20-0282_article>

How world is not ready:

<https://www.ncbi.nlm.nih.gov/books/NBK45714/>

<https://time.com/magazine/us/4766607/may-15th-2017-vol-189-no-18-u-s/>

why vaccines take time:

<https://www.historyofvaccines.org/index.php/content/articles/vaccines-pandemic-threats>