



# CovidML

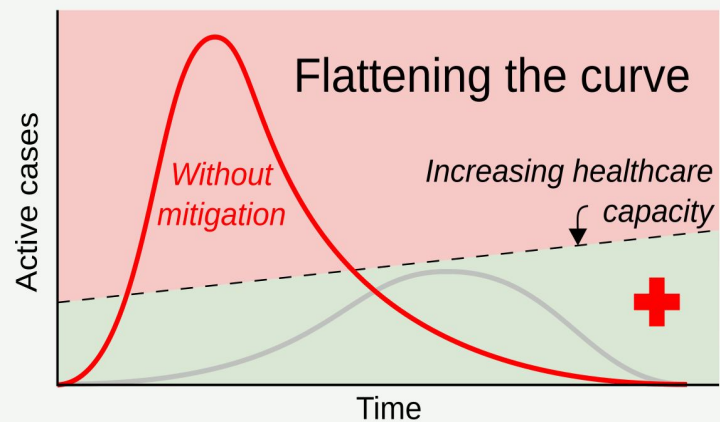
**Visualize the trend of COVID-19 with machine learning empowered spread prediction**

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# Managing the curve



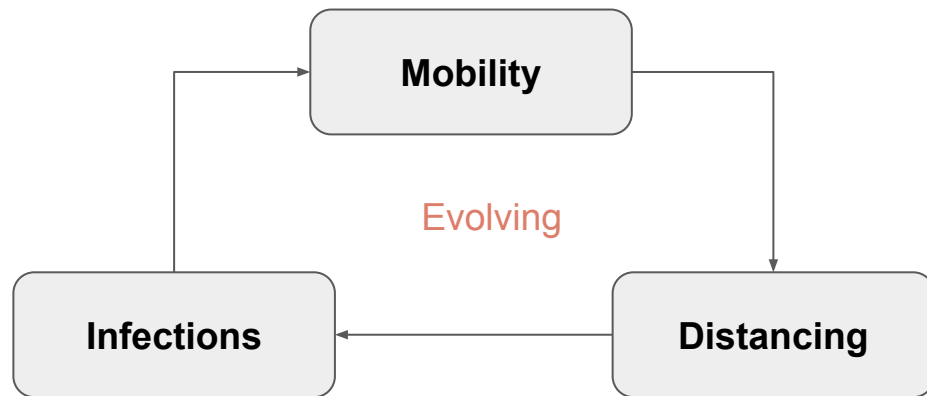
## COVID-19



C3.ai challenge

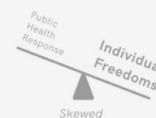
Source: wikipedia

How to achieve a balanced response?



### A Under-response

Healthcare system is unable to manage rate of COVID 19 infections.



### B Balanced response

COVID-19 infection is managed with least restrictive economic and social limitations.

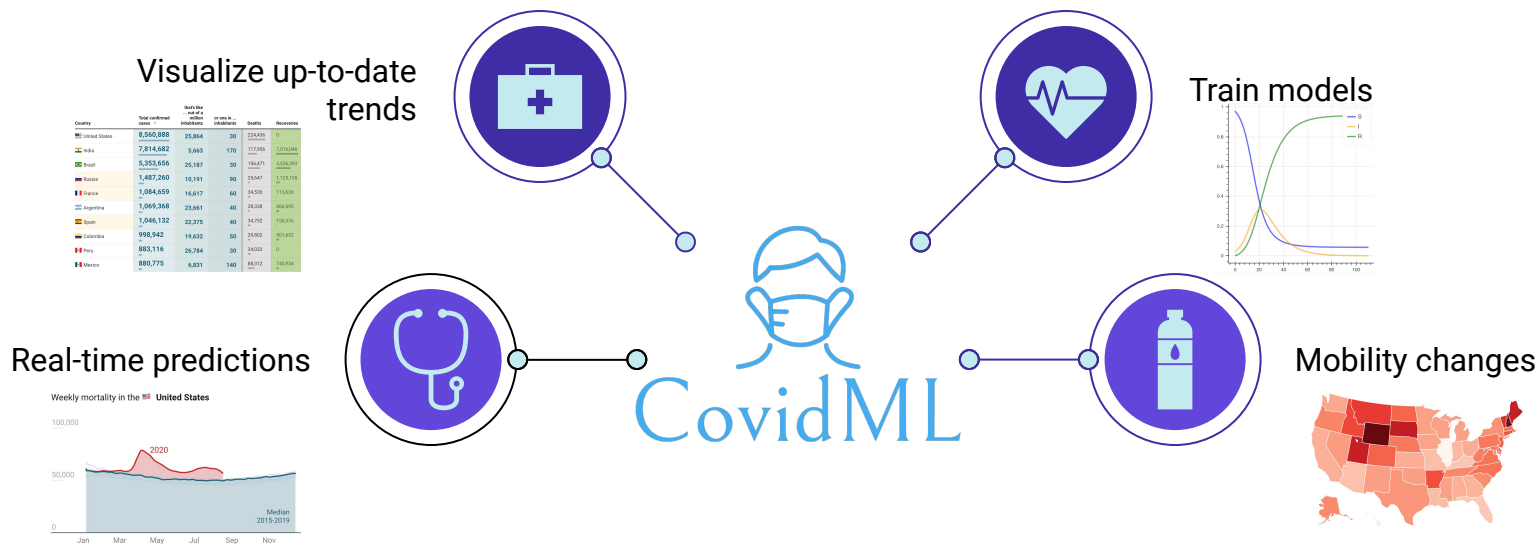


### C Over-response

Universal social distancing is over applied with longterm consequences on population health and well-being.



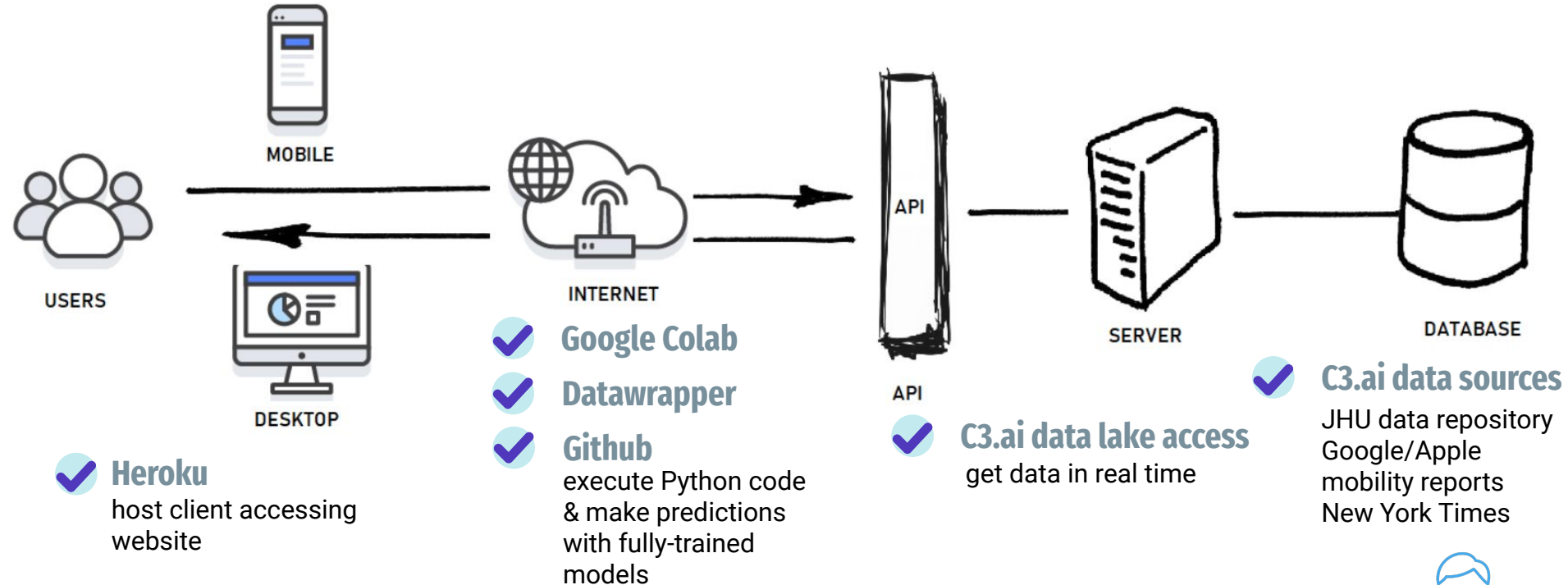
# OUR SOLUTION: method



## What We Did

- Harness data science and analytics to a dynamic approach of data collection, analysis, and forecasting to inform policy decisions in real time and iteratively optimize public health recommendations for re-opening given measurements of virus activity and suppression measures including social distancing.

# OUR SOLUTION: workflow



**DEMO**