

ML - Linear Regression COVID-19 Vaccine Prediction Action Plan

Idea : to suggest what locations should get better resources/priority to the vaccine (for building) based on how steep the average person in that age group (slope) has gotten it.

Implementation : the lines of best fit is the intersections to make predictions on the areas that should get priority.

Data : vaccination rates over time for each age group

Linear Regression Algorithm : calculates average slope of each output to the original input (different slopes)

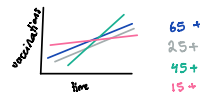
Intersections : Use intersection points to get time of when vaccination numbers are the same. If that time is at a particular range, bring up a notice to suggest closing of or opening more vaccination spots for that age group.

specifics

Intersection point $>$ intersection slope value
 increase the vaccine spots for the age group w/ initially lower values.



Intersection point $<$ intersection slope value



Intersections: vaccination starts at same for age groups @ particular time.

Data collection ideas

vaccinations over time for different ages

vaccinations over time for different zones/areas