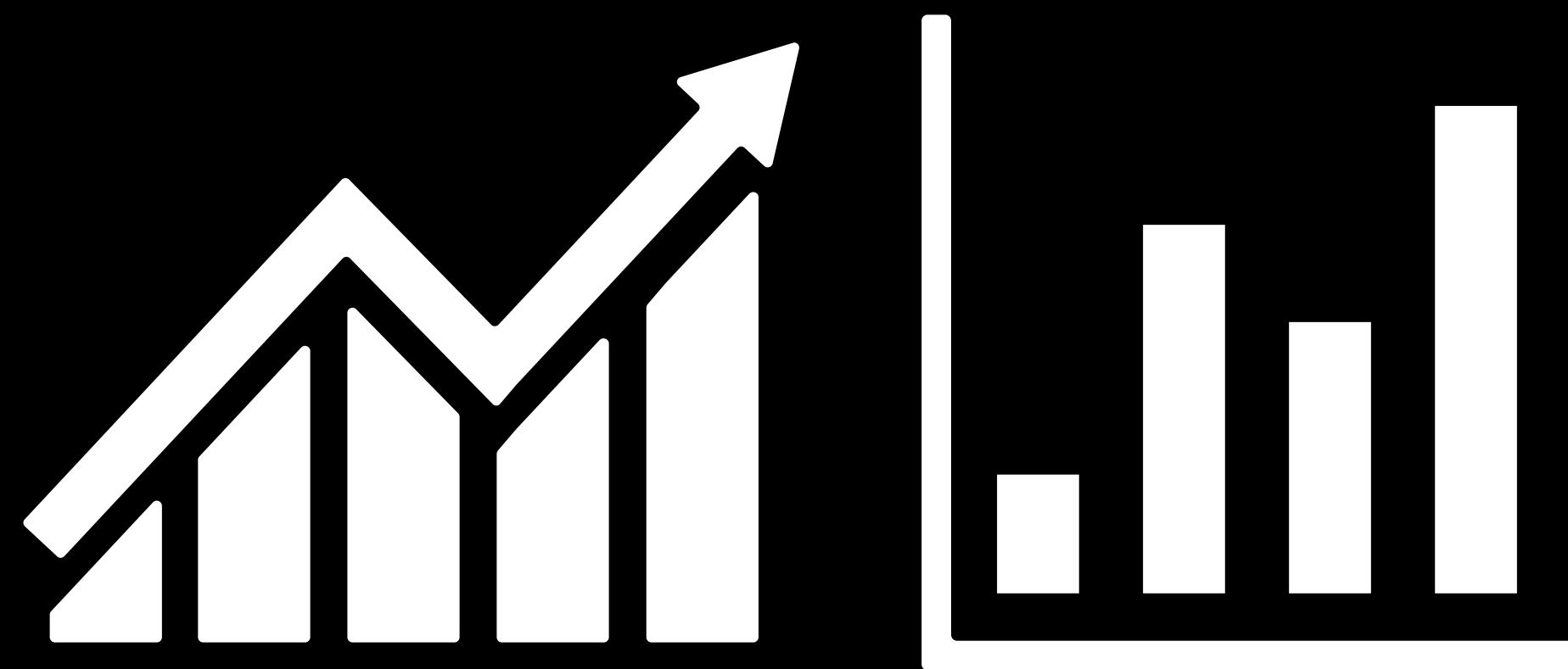


Life in New York City

BID DATA PROJECT PRESENTATION
NYU Tandon



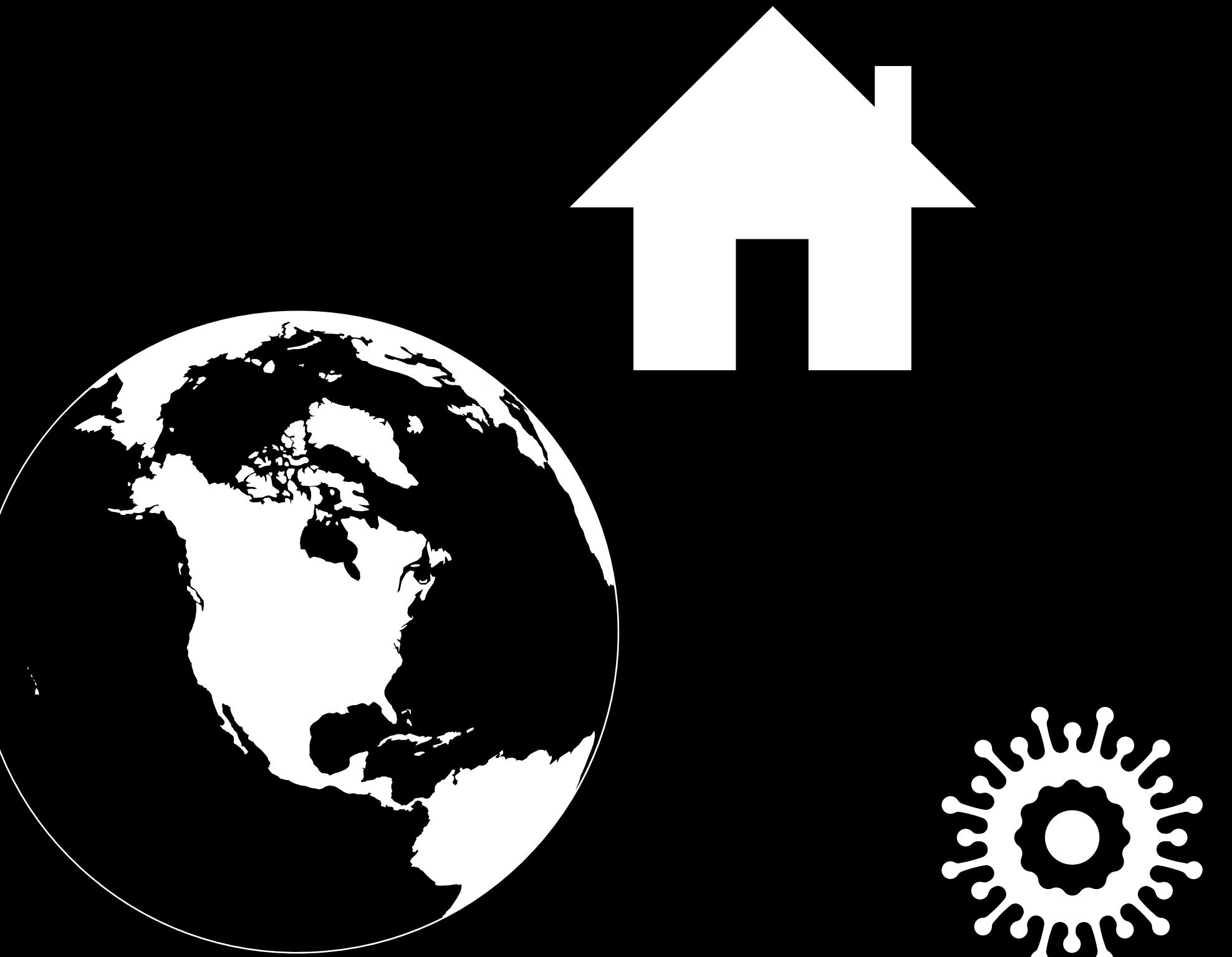
Group 8 Scorpio

Jia Shi (js11182)

Xilin Jiang (xj710)

Haochen Zhou (hz2204)

BACKGROUND



COVID-19

GOAL

What factors affect the COVID-19 confirmed cases in NYC?



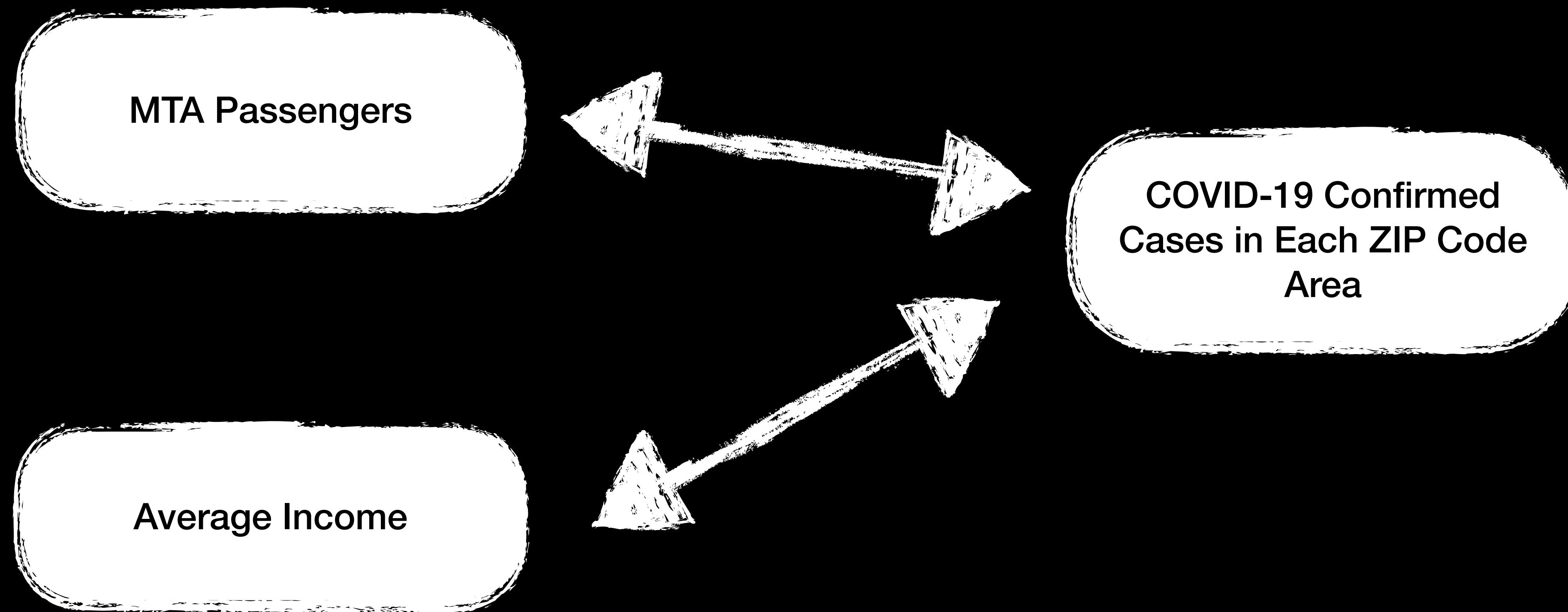
- Number of MTA Passengers?
- Average Income?



DATA

- New York City MTA Turnstile Data
- Google Maps API
- New York City IRS Income
- COVID-19 Cases Data

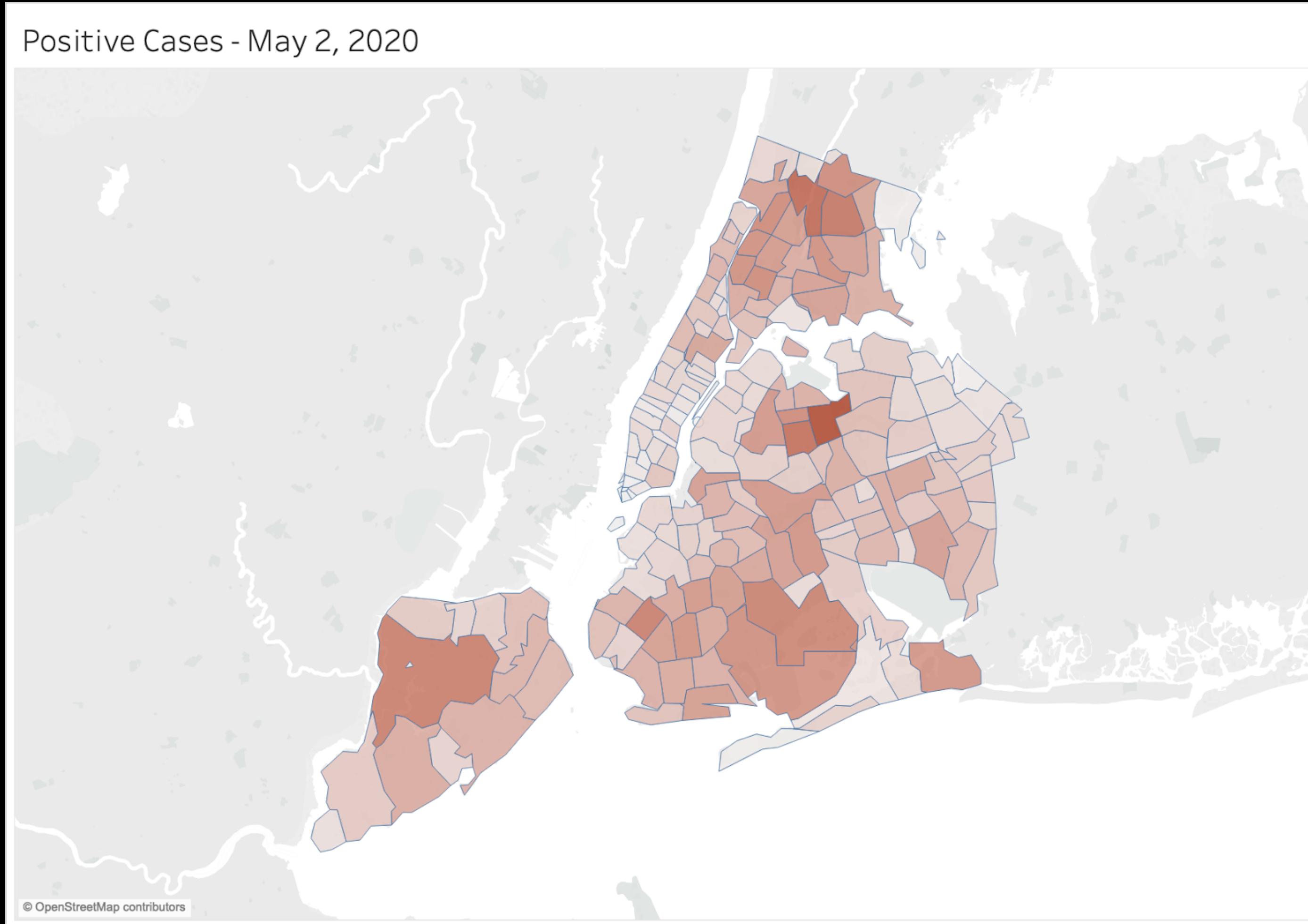
APPROACH





DATA ANALYSIS & FINDINGS

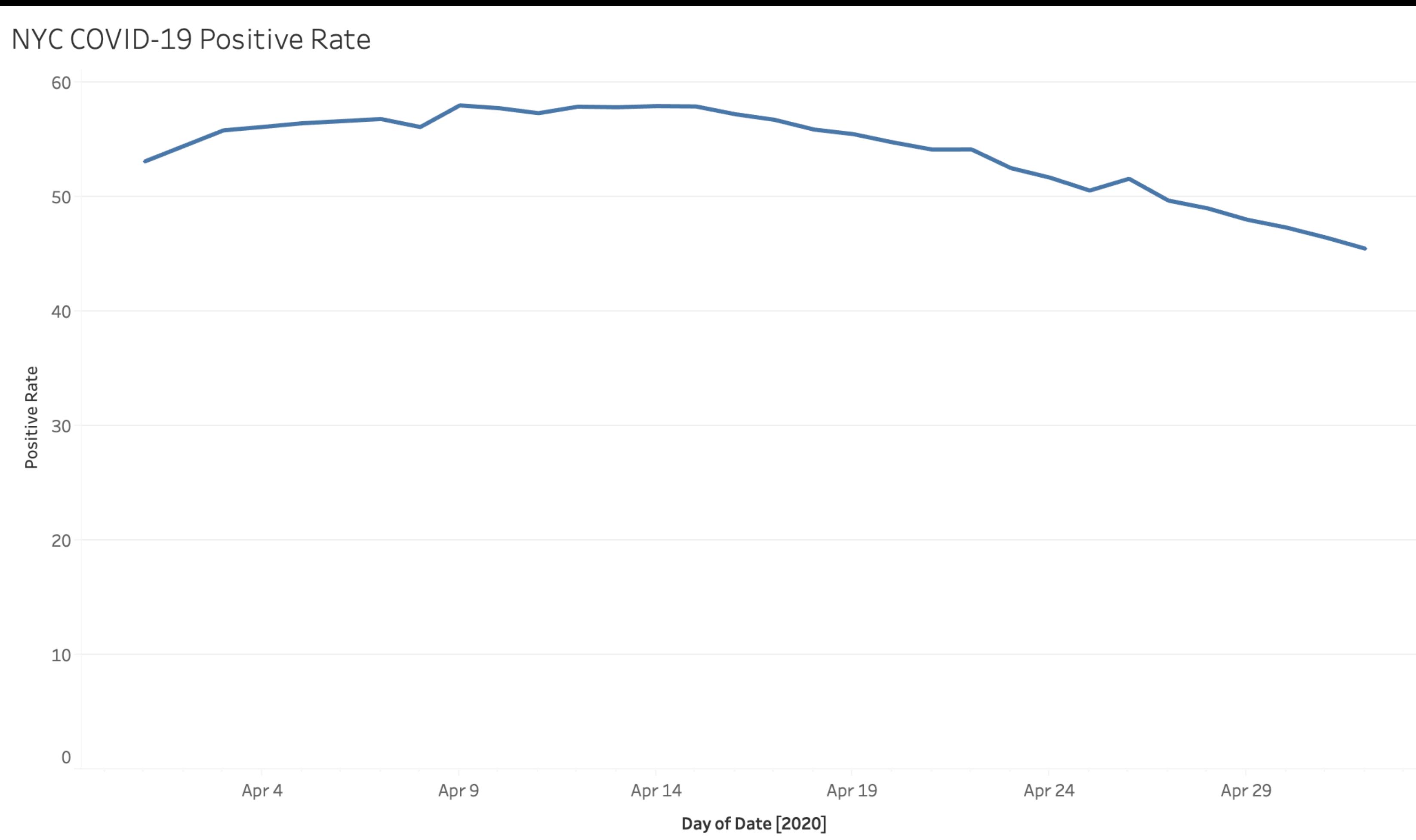
COVID-19 Positive cases



darker the location
more COVID-19 positive cases

DATA ANALYSIS & FINDINGS

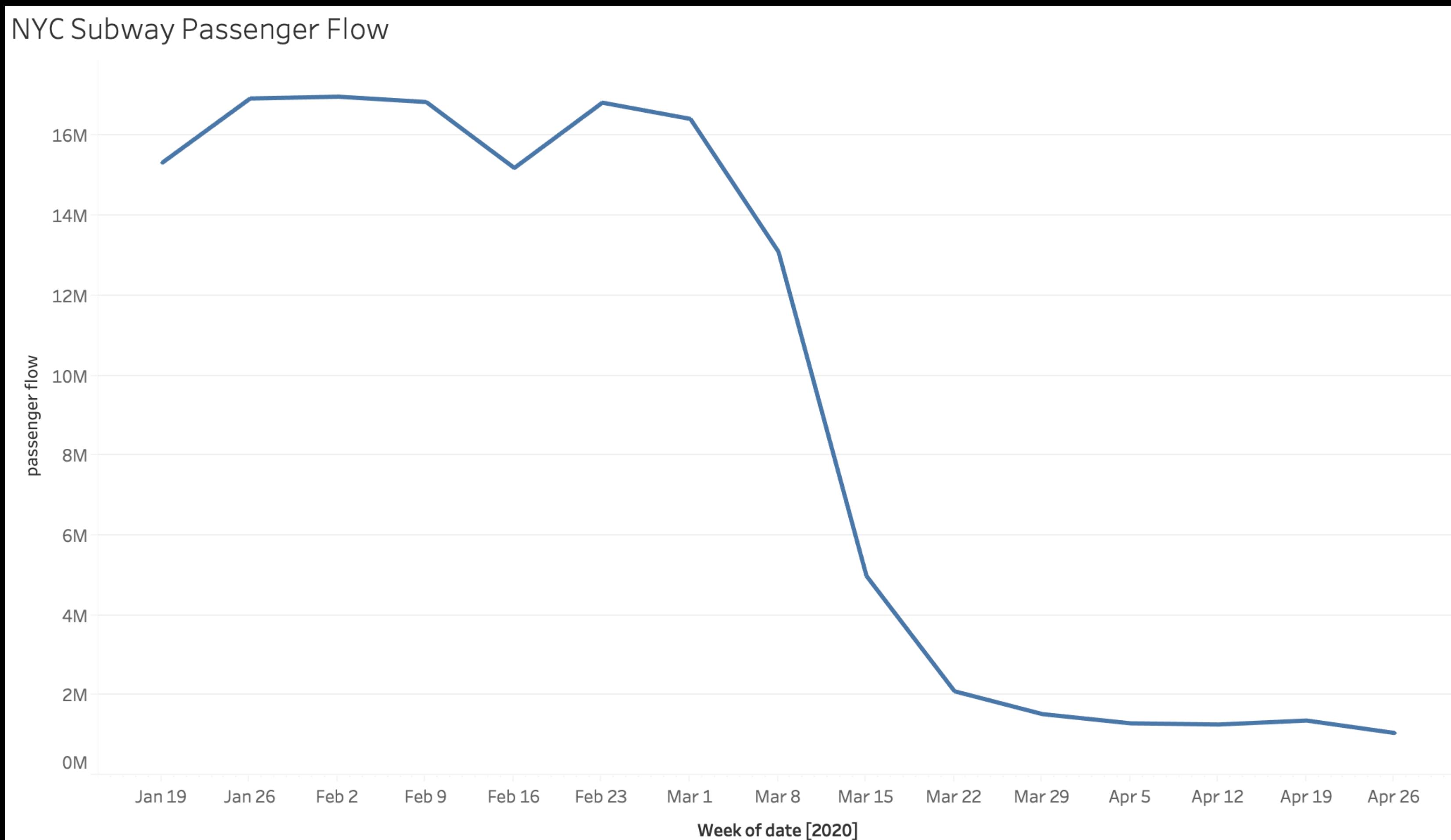
Positive Rate



Declined
after mid-April

FINDINGS

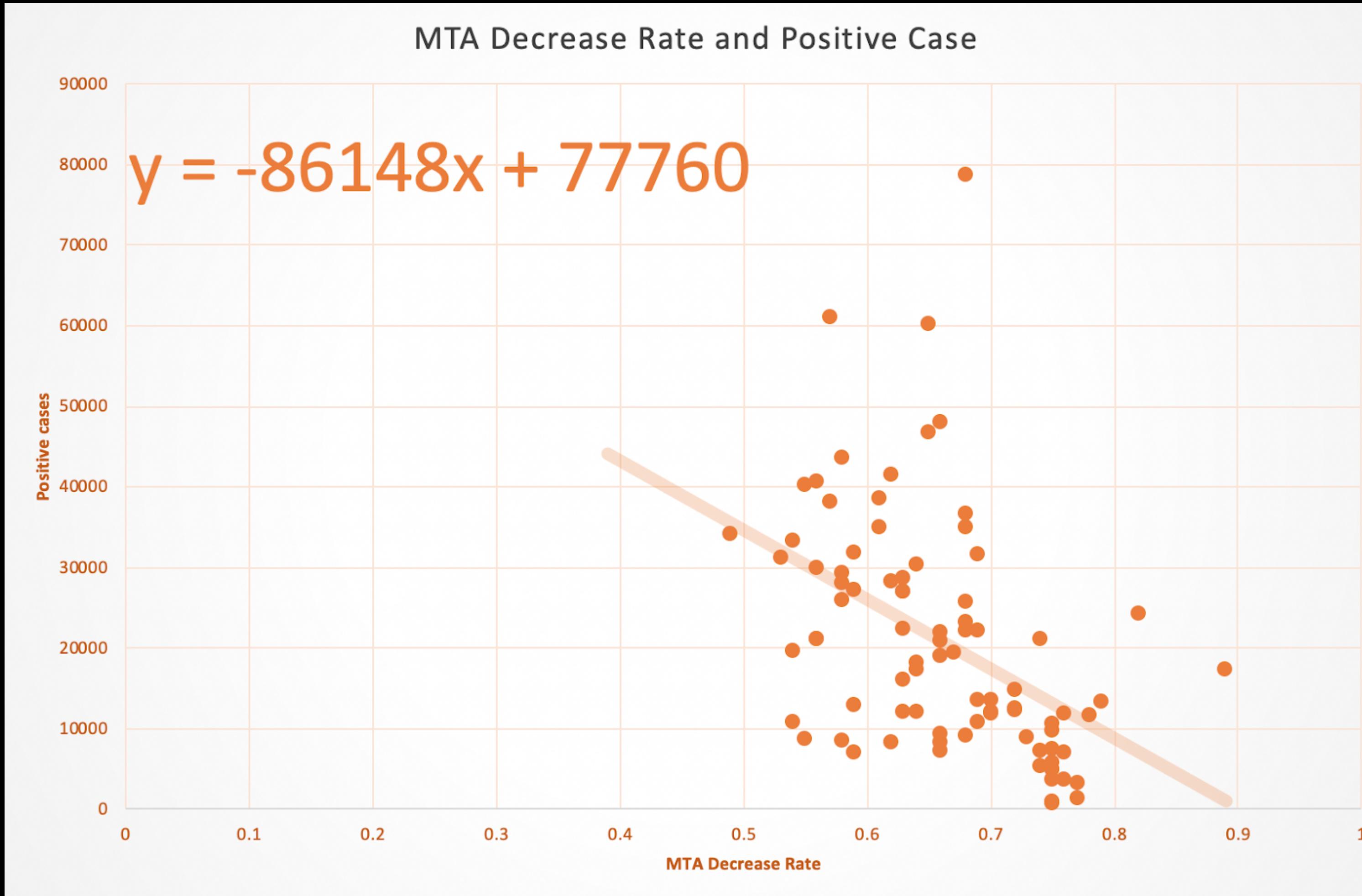
Passenger Flow



A steep decline
after “stay home”

FINDINGS

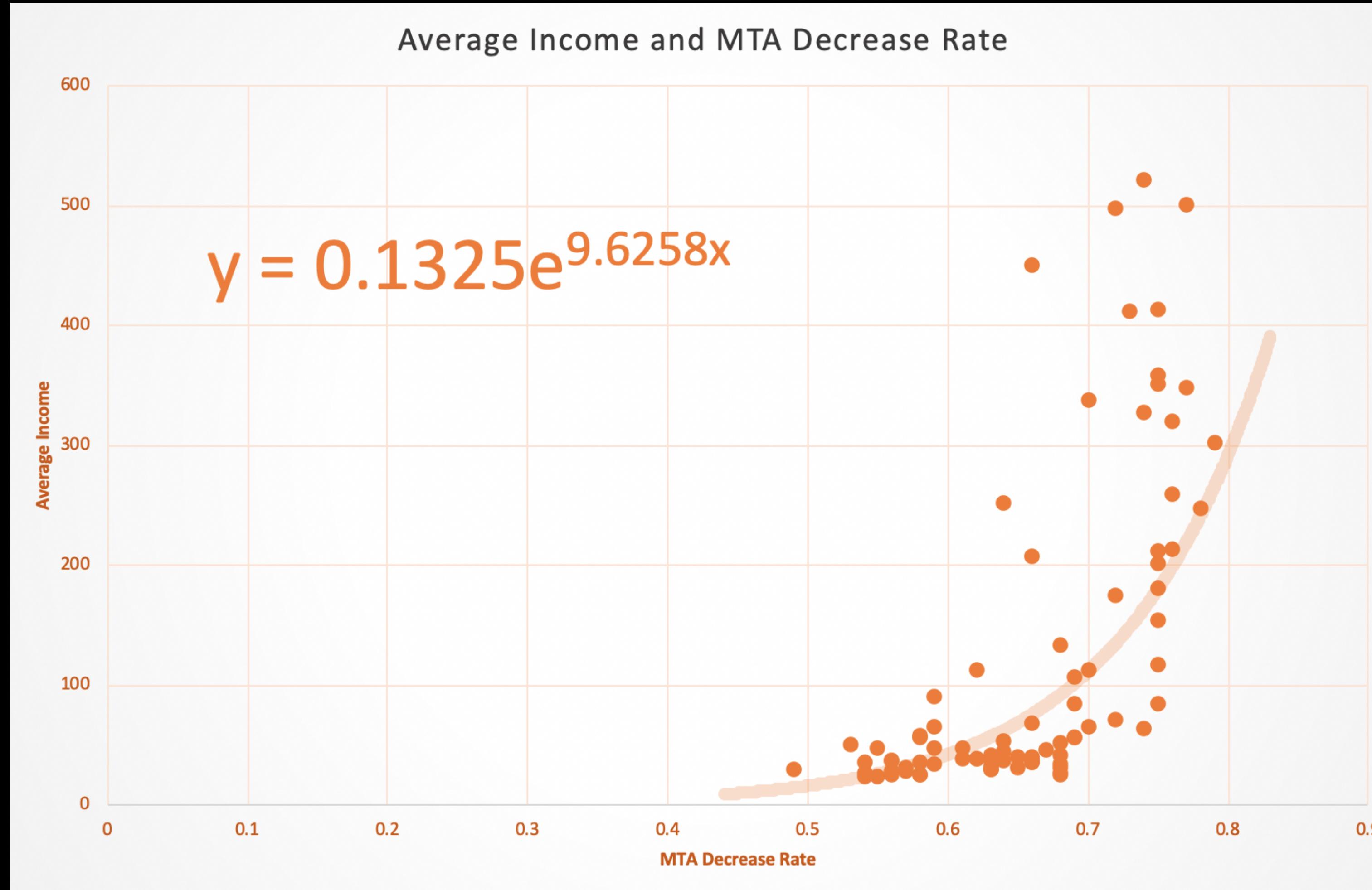
Passenger decrease rate and positive cases



Negative correlation

FINDINGS

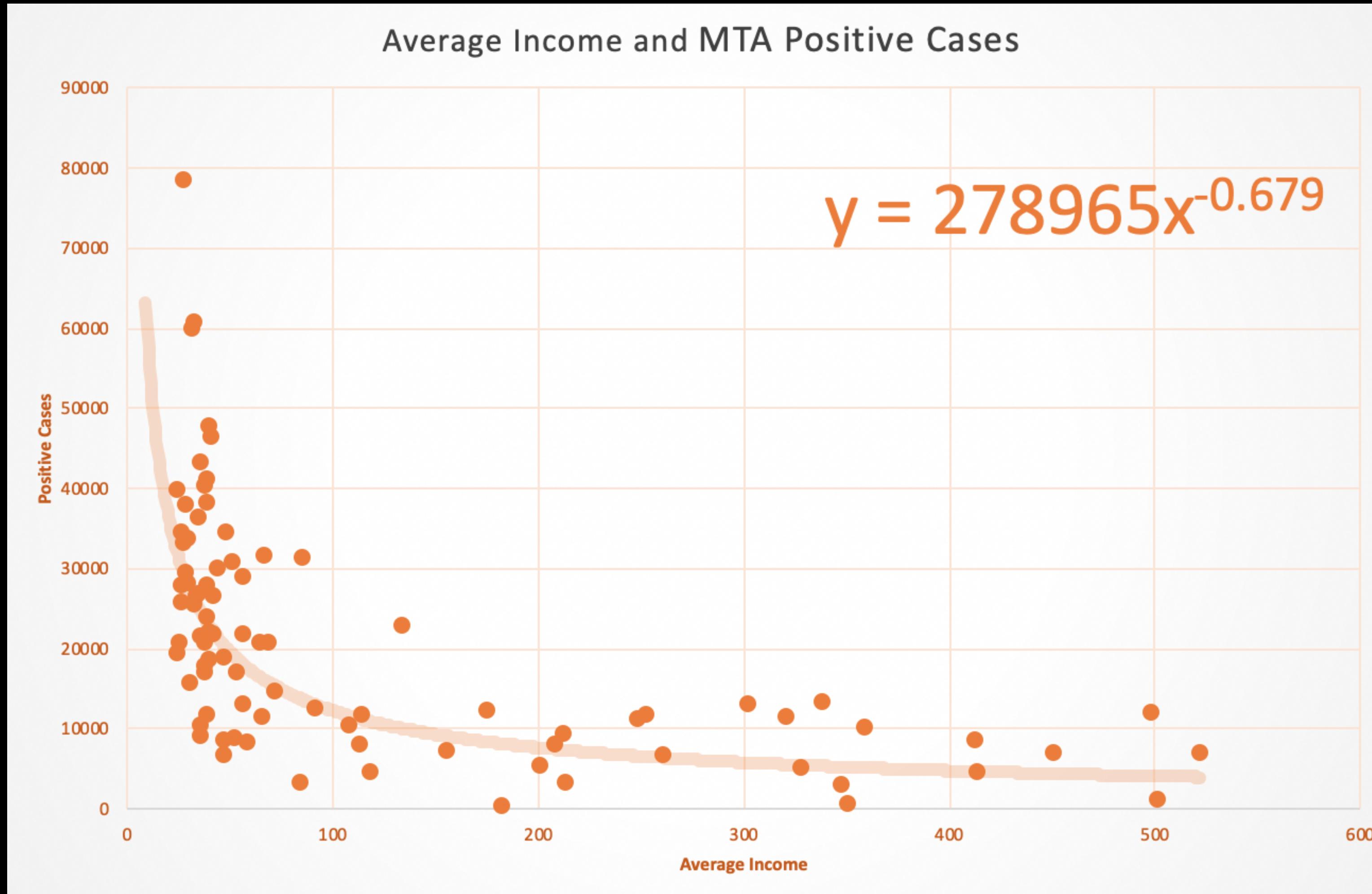
Income and passenger decrease rate



Positive correlation

FINDINGS

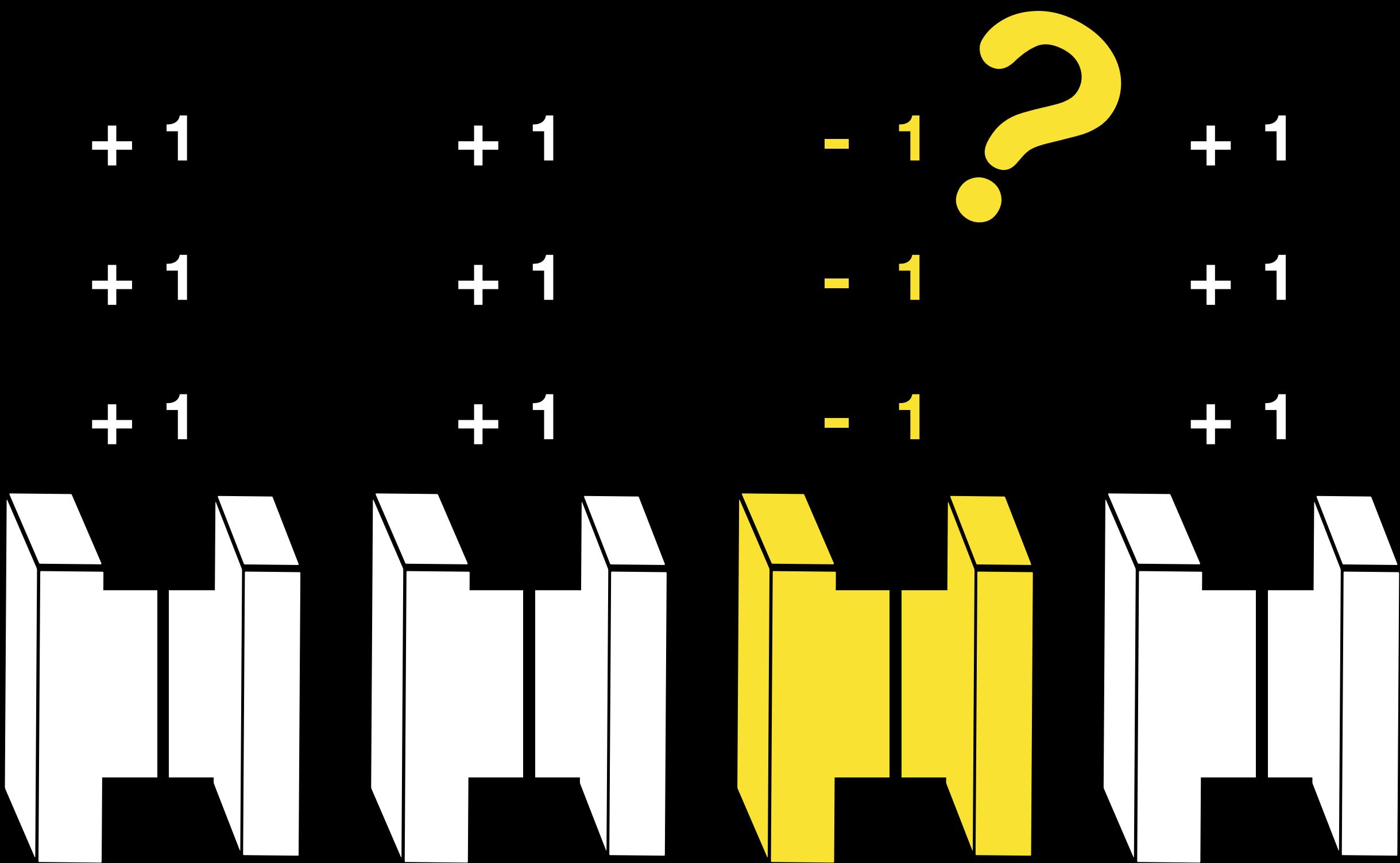
Income and COVID-19 positive case



Negative correlation

CHALLENGES

CHALLENGES



Do not trust any data !!!

CHALLENGES

How we go stray...

NYC MTA daily change (Trump)



March 8

The total number of confirmed cases in New York reached 105, and Cuomo urged those who could, to work from home.

Does everybody really Listen to **Cuomo**?

Be skeptical !!!

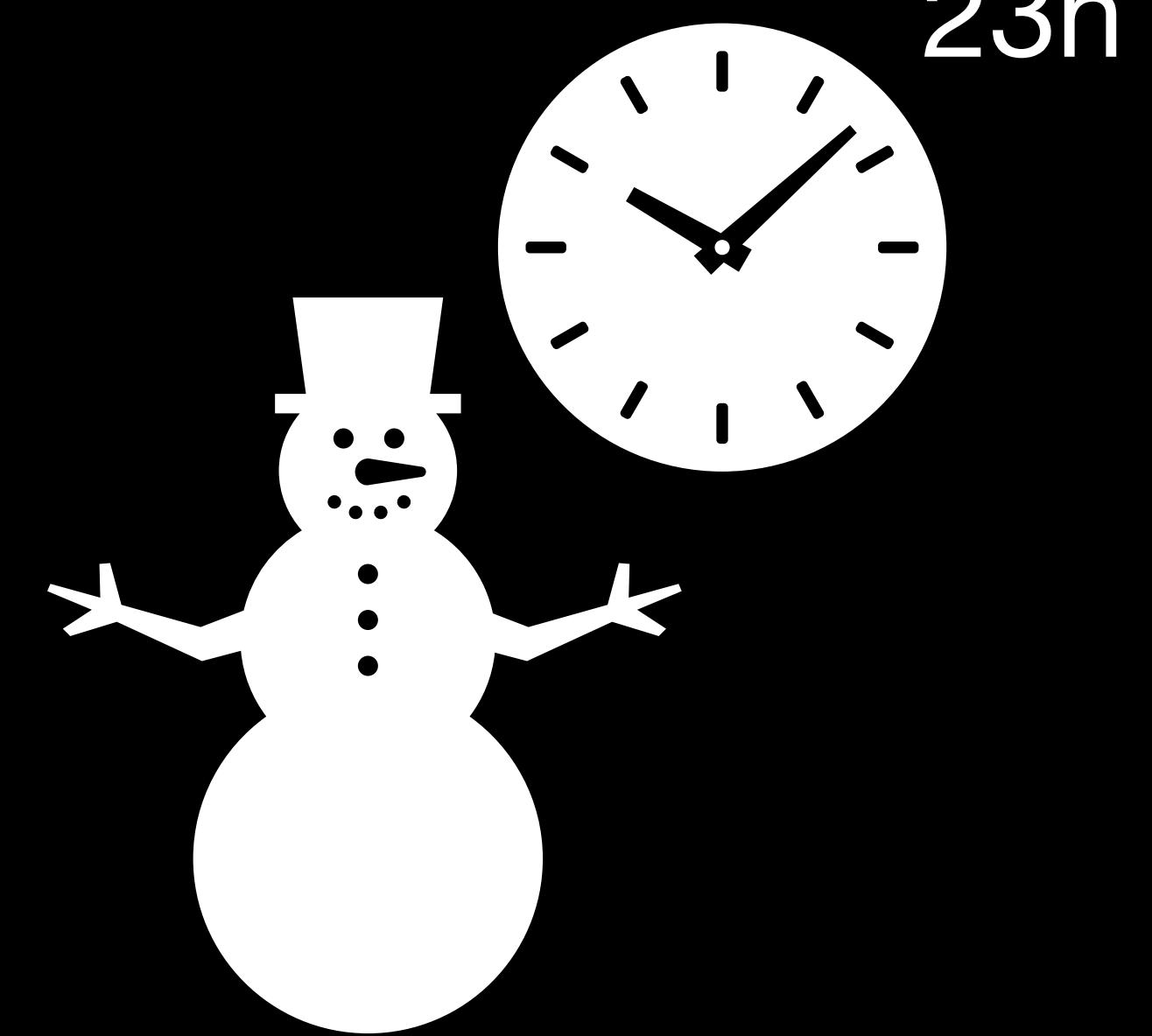
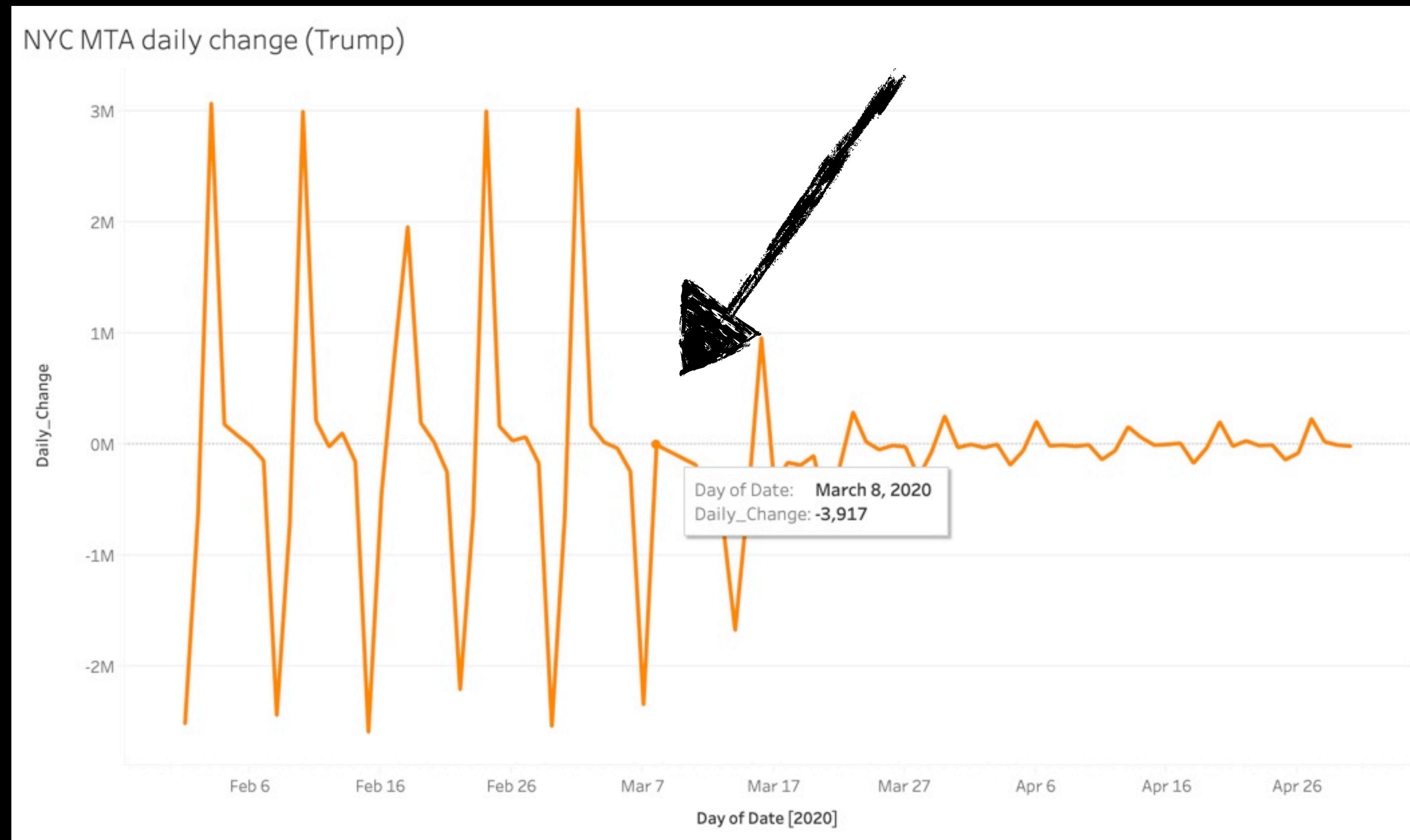
Verify your data FIRST !!!

CHALLENGES

How we go stray...

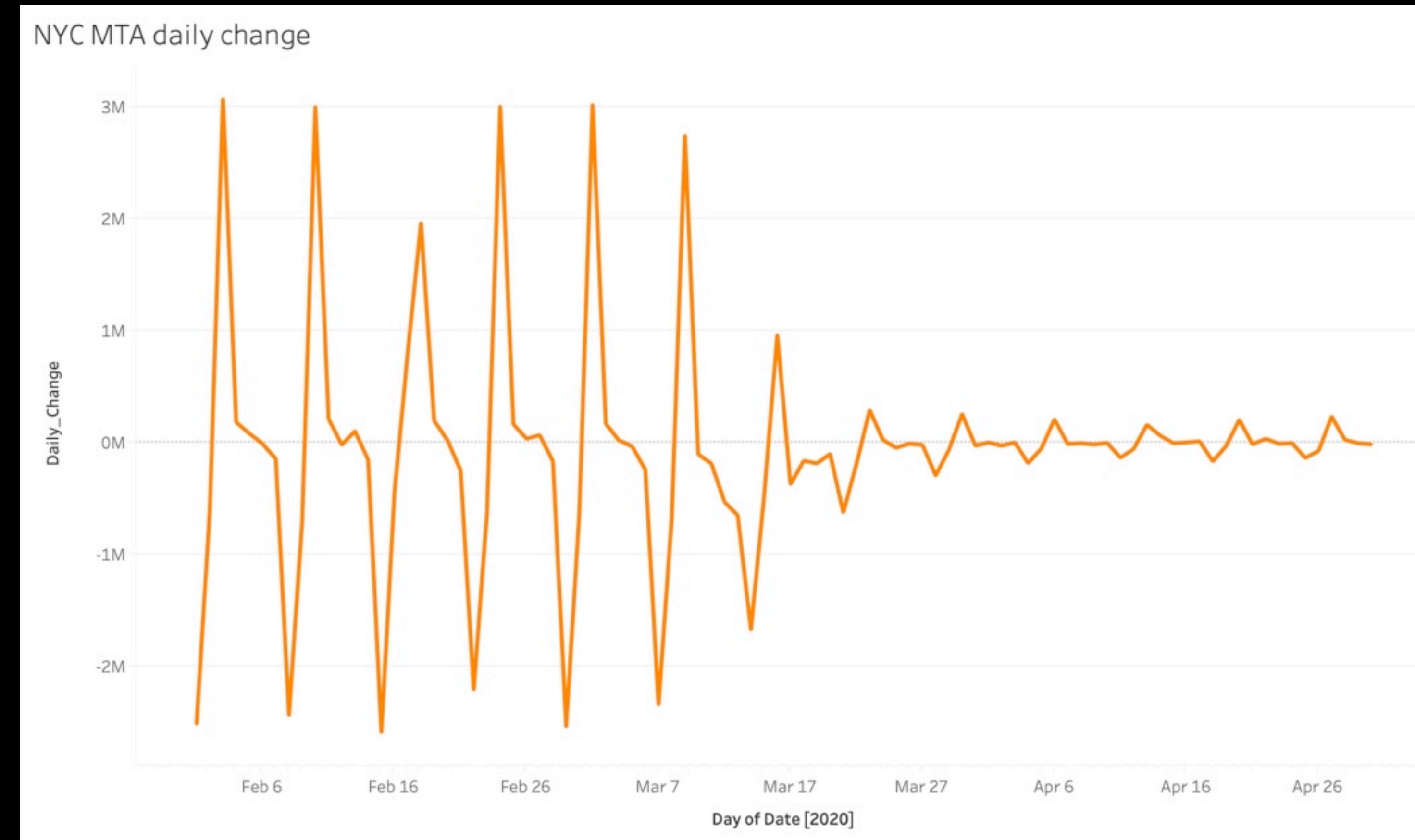
That's it !!!

March 8th



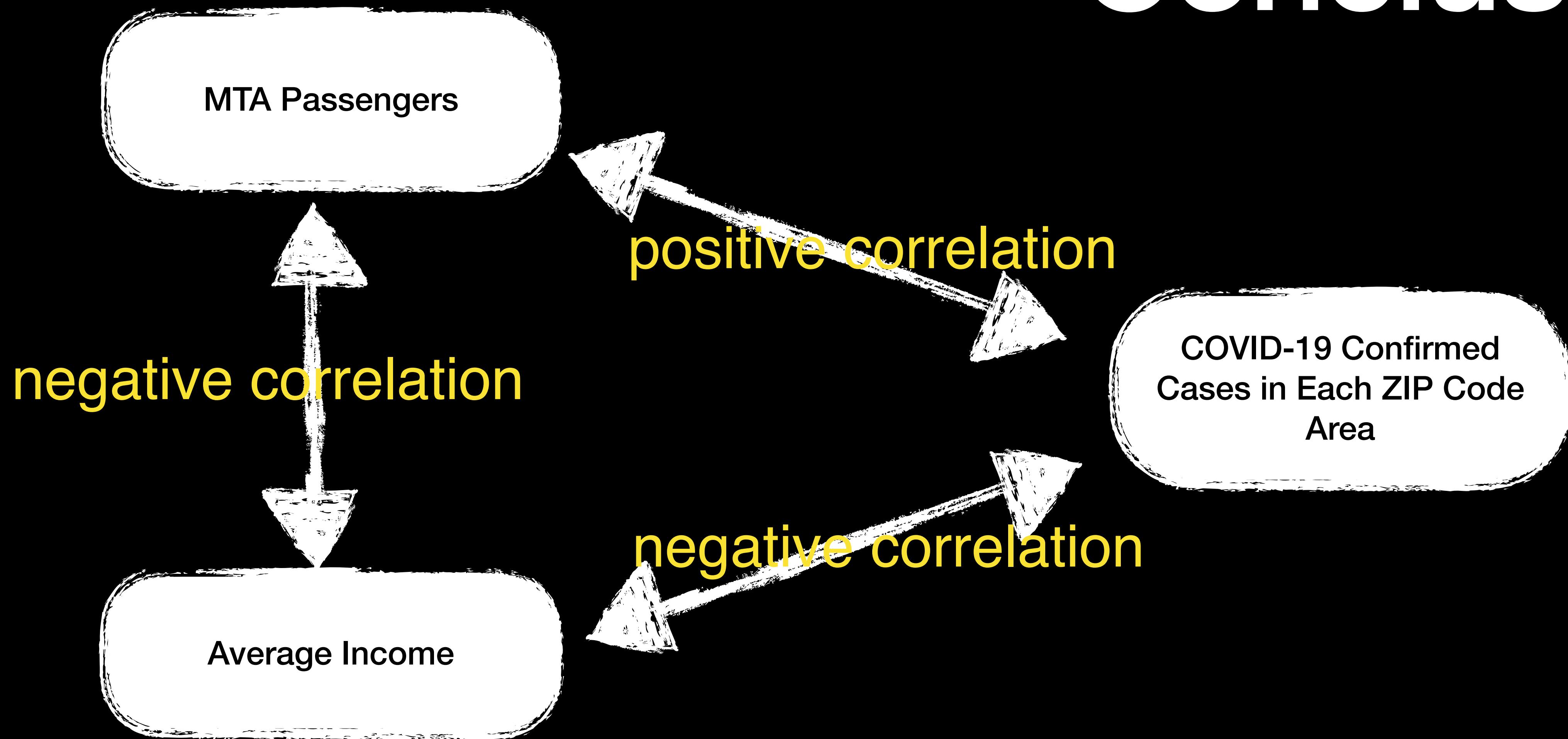
Time is everything!

CHALLENGES



Their fluctuation frequency is similar

Conclusion



Low-income people may need to go out to work.

They have a higher risk of infection than others.

The government should pay more attention to them!

Question?

