

COVID-19 Data Pipeline & Web App

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Task

New COVID-19 cases &
deaths

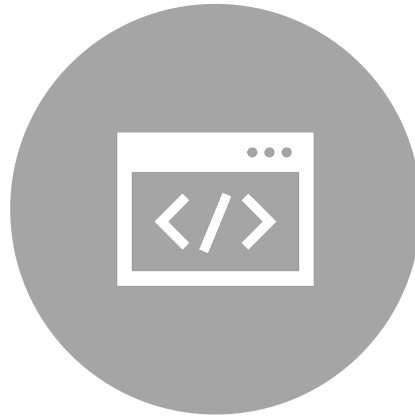
Nationwide Impact

State-wide Impact

Goal



DATA PIPELINE FROM
STORAGE TO DEPLOYMENT



USER-FRIENDLY
INTERFACE/WEB APP



INFORMATIVE DATA
TRENDS



Pipeline

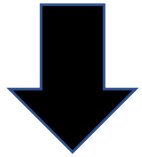
Data Ingestion

- Download as .csv file



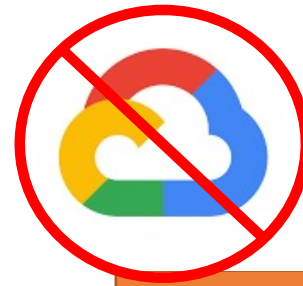
Testing

- Unit testing with OOP



Data Storage

- Local storage as .db file
- 48,480 rows with 15 columns



Data Processing

- Pandas
- Python scripts
- Tried: Google Platform

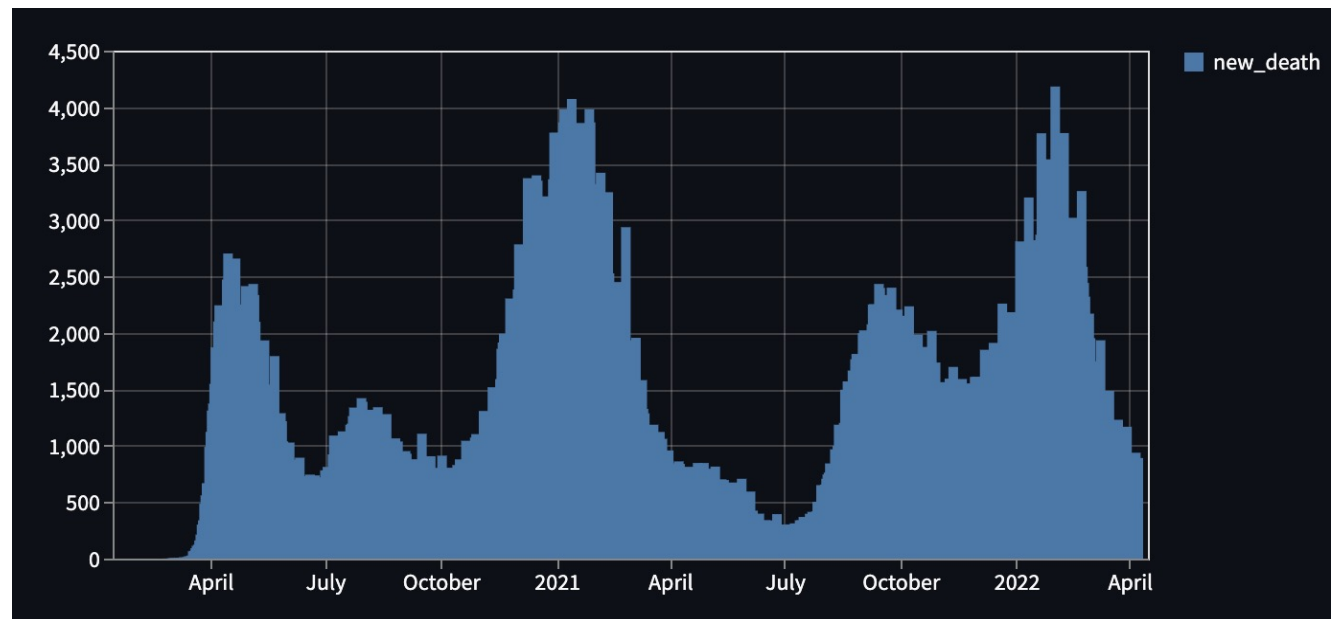
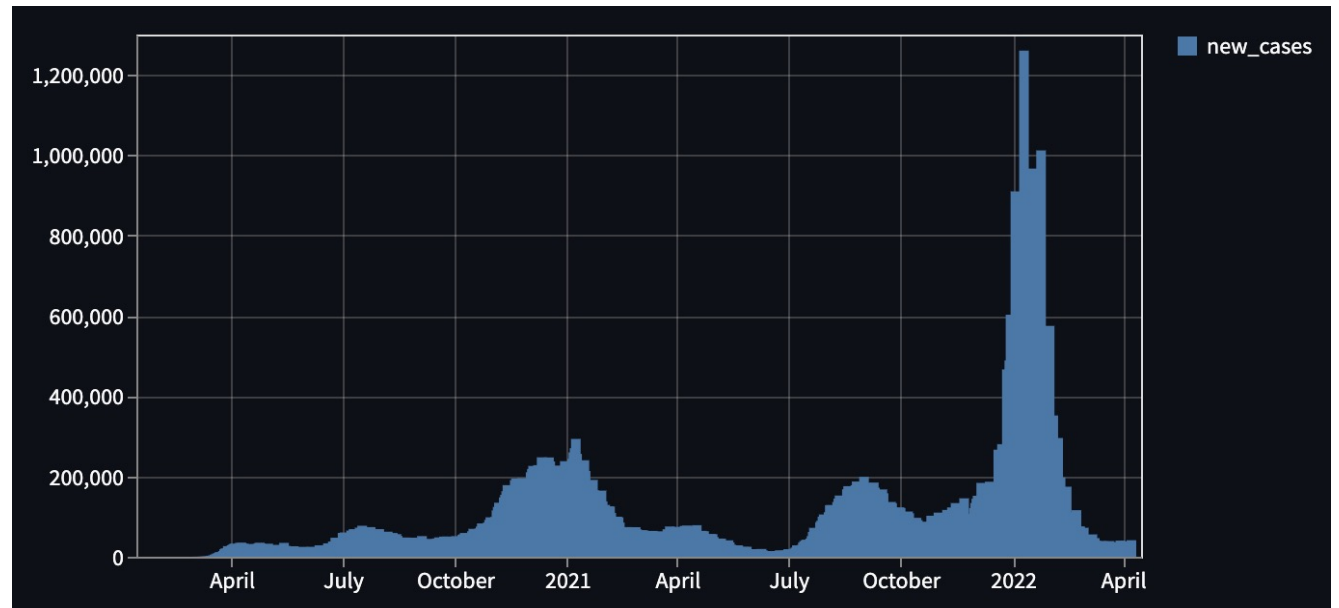


Deployment

- Streamlit
- Github



Nationwide New Cases & Deaths



Select your state:

NYC





Questions?

