Sprint-1 Artifact

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Database:

COVID-19 Vaccine Progress Dashboard Data

- https://data.chhs.ca.gov/dataset/vaccine-progress-dashboard
- size: ? MB
- files: ? #

Known Data:

Datasets

Demographic: https://data.chhs.ca.gov/dataset/vaccine-progress-dashboard/resource/faee36da-bd8c-40f7-96d4-d8f28

County: https://data.chhs.ca.gov/dataset/vaccine-progress-dashboard/resource/130d7ba2-b6eb-438d-a412-741bde207

More sets available: https://data.chhs.ca.gov/organization/california-department-of-public-health

Created Mar. 31, 2021
Last updated Sep. 30, 2021
Format: .csv
6,332 entries

Platform:

Web Application

Programming Languages:

- Python / MyPy
- JavaScript / TypeScript

Frameworks:

- Django (Python Web Framework)
- React (Front-End Framework for JavaScript/TypeScript)

Features List:

- User Interface consisting a graph of COVID-19 Vaccines rates per demographics
- Menu Bar (navigate through Home, Statistics, Sources, Graphs, etc.)
- Filtering tool according to user's choice of specific interests (demographic, age, gender, etc.)
- Data analysis
    - Questions of Interest (6 to 8)
        - How do different age groups vaccination rates compare ?
        - Which demographic is least vaccinated?
        - Which ethnicity, age, gender, is the most/least vaccinated?
        - Which vaccine (Moderna, Pfizer, JJ) is the most popular among different demographics?
        - In what month, were the most/least people vaccinated?
        - What is the percentage of administered vaccines according to each manufacturer?

- The most popular vaccine?
- Rate of change from partially vaccinated to fully vaccinated

Taskboard:

- Set up client / server - Everybody
- Enable communication between client and server - Everybody