

# A Flu Vaccinating Provider Data Library

## Data:

Source: <https://data.cdc.gov/Flu-Vaccinations/Vaccines-gov-Flu-vaccinating-provider-locations/bugr-bbfr>

EDA + preprocess

Create a database (use SQLite)

## Create functions:

1. Browsing function: given input(int), say 100, return the top 100 information in the database
2. Searching function (by id): given input(str), say id = 'ABC', return the relevant information of the id
3. Searching function(auto-completion): given input(str), say 'b', return possible things that users might want to search ('brain' , 'buy'...), 'brain' ---> return 'brain damage' , 'brain tumor'

## Create GUI:

Receive input and give output

Button: export information as .txt

use extracted information to plot and export useful graph

## Test files:

Copy GitHub workflow configuration from the EHR project to check

## Documentation:

Readme file

## Roles:

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