Smoking is Bad:
An Analysis

Team Alternative Data

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SoftDev pd9

I. The Idea

Our project visualizes the tobacco-smoking habits of middle and high schoolers in the US per state.

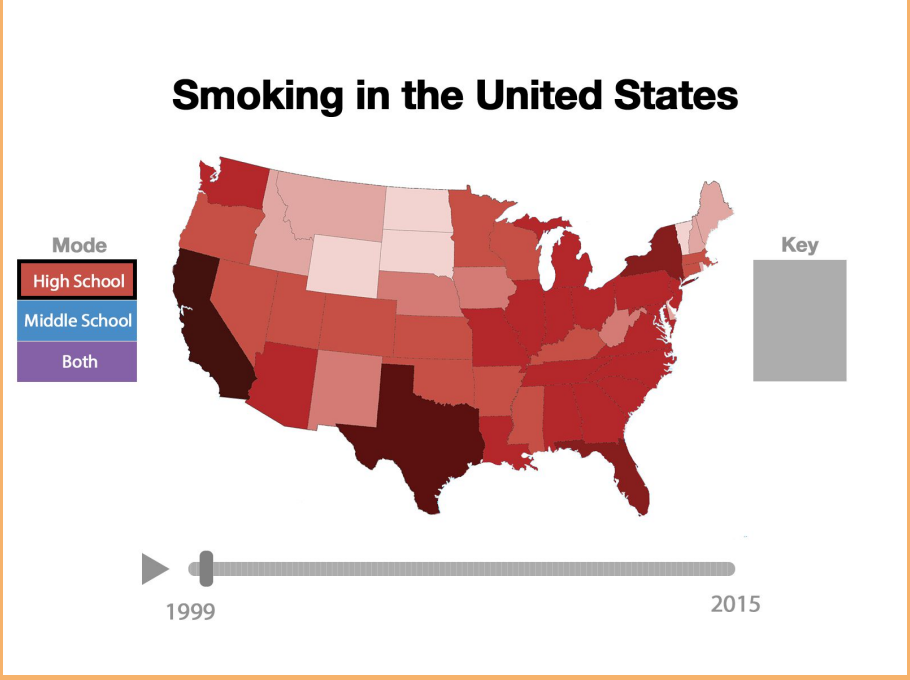
The user can select which data set to see, and the time slider allows the user to pick a particular year to display or track the data patterns over time.

The page will also link to various smoking awareness pages.

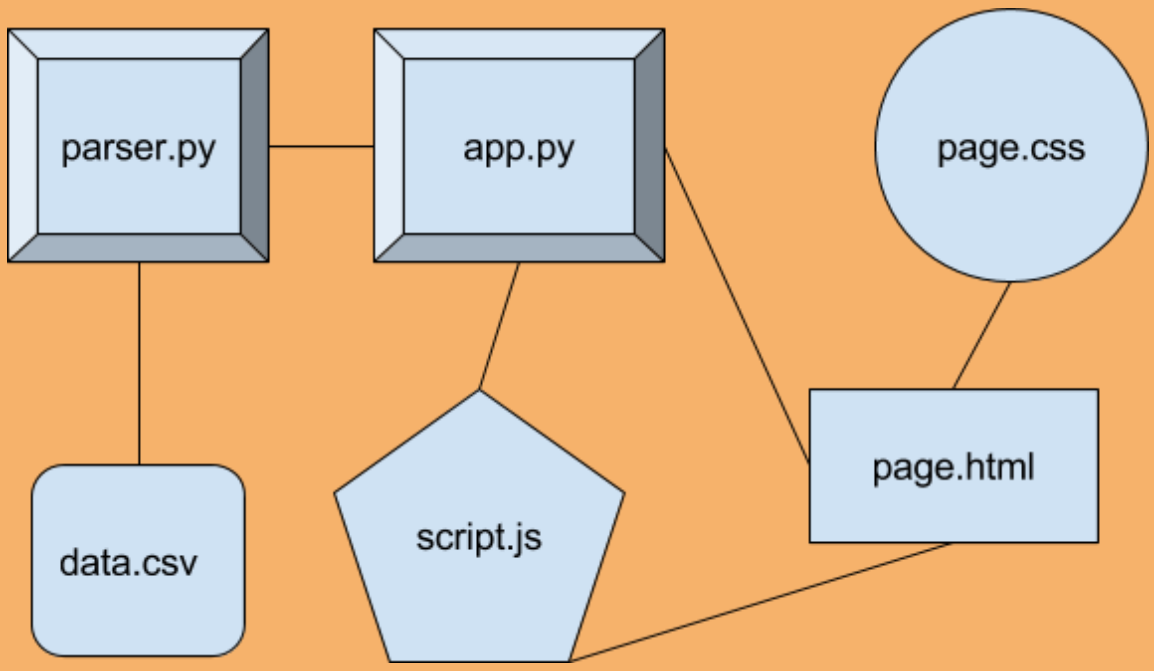
II. The Data

- Youth Tobacco Survey
    - https://catalog.data.gov/dataset/youth-tobacco-survey-yts-data/
- Tobacco usage per state among high school and middle school students, 1999-2015
- Will cut out extraneous data

III. The Look



IV. The Component Map



- data.csv : fresh from the internet
- parser.py : pulls data from the csv and converts to python usable data types (lists, dictionaries)
- app.py : flask, runs and serves html
- page.html, page.css : frontend
- script.js : d3 gets data from python, updates html

V. The Tasks

- *Kate:* Project Manager / Flask App / Data CSV Extrapolation / HTML
- *Elias:* Map in Javascript
- *Joel:* CSS / Transferring Data to Map
- *Nobel:* D3
- *Everyone:* Helping each other!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!