Feb 1, 2025 | CSC 442 Team Project Meeting

Attendees

- Anthony Brown
- Nikhil Vasudeva
- Fisher Eskew

Notes

- The team reviewed the requirements for **Homework 5a: Data selection**
- The team reviewed a list of potential datasets prepared prior to the meeting.
- The potential datasets individually covered the following topics:
    - COVID-19
    - Drugs
    - Cancer
    - Hospital admissions
    - Hospital cost
    - Google searches
    - Energy consumption and production
    - Agriculture production
    - Agriculture exports
- The team discussed possible connections to be made among the datasets
    - Many datasets include an attribute specifying the year associated with an observation.
    - Some datasets include an attribute specifying the US state associated with an observation.
    - Few datasets include both an attribute specifying the US state and year associated with an observation.
    - The team considered analyzing the relationship between health reports of specified diseases and agriculture exports by US state.
    - Fisher Eskew brought up that agriculture imports would be a more interesting variable to analyze in relation to health reports of specified disease.
    - It was mentioned that analyzing energy consumption and agriculture exports by US states could lead to interesting conclusions.
    - It was mentioned that varying population densities or land area could skew the analysis of energy consumption and agriculture.

    - It was mentioned that energy consumption and agriculture statistics could be weighted by the population or land area to account for differences in these factors.
    - Anthony searched for datasets containing agriculture imports by US states.
    - Nikhil suggested analyzing the relationship between Google Searches of health terms with the cost of healthcare.
    - It was mentioned that analyzing Google Searches of health terms could give insight into people's perception or attitude of health.
    - Fisher suggested analyzing the relationship between human population in metropolitan areas and usage statistics of public transportation.
    - The analysis of human population in metropolitan areas and usage statistics of public transportation can be extended to include a comparative analysis of among different regions or countries.
- The team agreed to independently search for 2 appropriate datasets that could be merged to answer questions about a particular subject matter.

Action items

Task	**Deadline**	**Person Responsible**	**Comments**
Find 2 datasets in a particular domain to discuss	February 7, 2025	All team members	Interesting datasets can be shared and discussed through Discord prior to scheduled meeting