Data Analyzer

Ahmed Arif Khan
1324501
Computer Science
2XB3 L01

Problem

ଔ There is a vast amount of open data

ଔ Hard to find important information

ଔ Hard to visualize how data relates to one another

Proposed Solution

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ଓ Collects data from different government websites in one place

ଓ Visualizes the information in a graphical format

ଓ Finds correlations between variables to help you start to analyze information

Input / Output

Input:

- Take large sets of information from government websites
- Example: Lets say we gave the program vehicle accident rate

Output

- Correlations from the topic to the different variables
- Example: correlate the vehicle accident rate with all the respective variables such as age, gender, and return the one with the highest correlation

Algorithms

ଛ Store information categories in BST to search

ଛ Algorithms to effectively find correlation between variables using a graphing algorithm

ଛ Reformatting the data would use a hashmap

FINISHED

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