

The Compromise between Safety and Privacy Regarding Street Camera Presence

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About us

J'Alan Gaines

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Itza Perez

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Processes and Outcomes Learned: Social Science Research

Topic: Would pedestrians compromise privacy for their safety, or safety for their privacy?

Methods:

- First field trip: survey
- Second field trip: survey + interview
- Photos

Conducted:

- Clematis Street



Processes and Outcomes Learned: Comprehensive traffic accident analysis and prediction

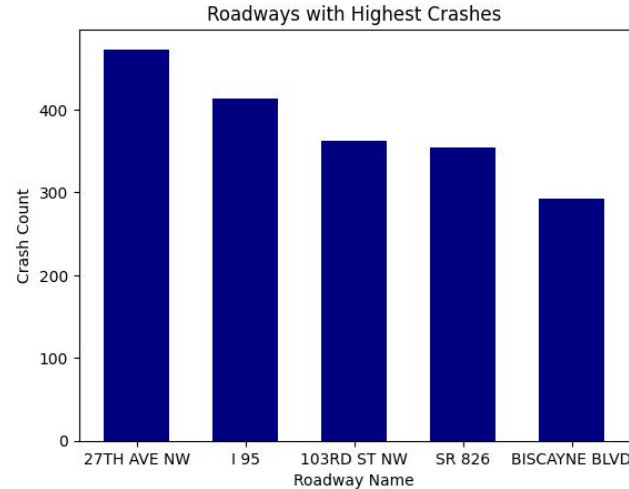
Language: Python

Learning process

- We learned how to use different methods, functions, variables to complete different tasks like simulating a banking account
- Crash Report Data from Tri-county area.

Outcome

- The outcome of this learning has allowed us to examine a crash report data set of the Tri-county area and determine trends in injuries and crashes.



Key findings:

- Most injuries from car crashes occur on Sunday.
- 27th AVE NW has the most crashes
- Most crashes are on Thursday
- Miami-Dade County has the most crashes.

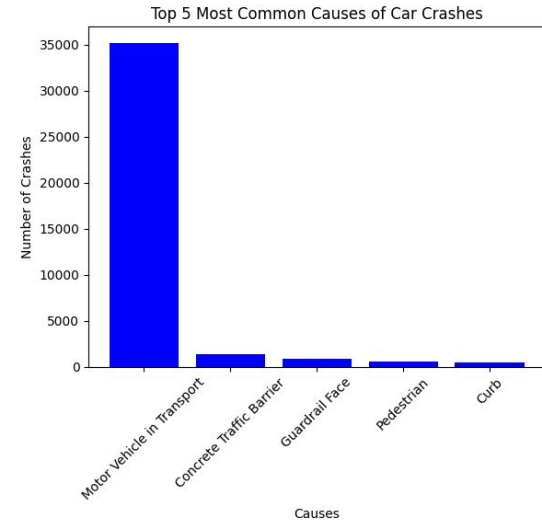
Social Science and Engineering Research Connection

Integrating Cybersecurity Regex

Regex, or regular expression, is a Python library used to 'find and replace' certain parts of strings.

Certain input can be used to perform a DDoS attack on receiving servers by overwhelming input channels with exceptionally long run times.

- Collisions
- Camera deterrent
- Social Science Project

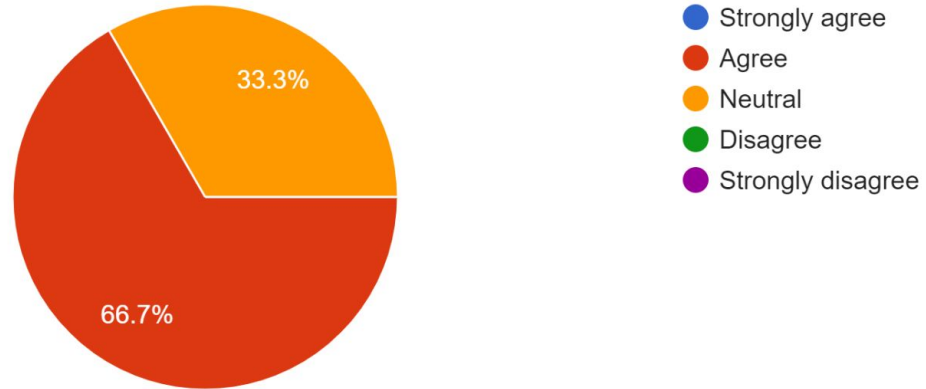


Outcome: conditions for cameras

- Since there is a significant number of car-on-pedestrian collisions, increased technology should be put in place to make sure the streets are more walkable

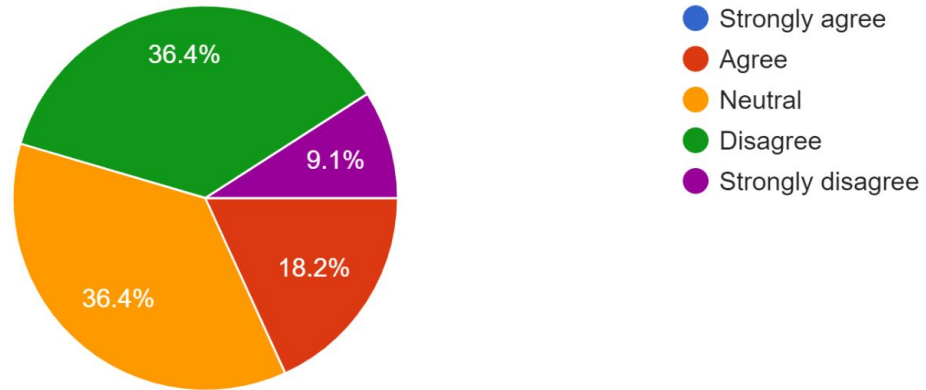
5. When I walk down the street and notice a street camera, I feel safer.

3 responses



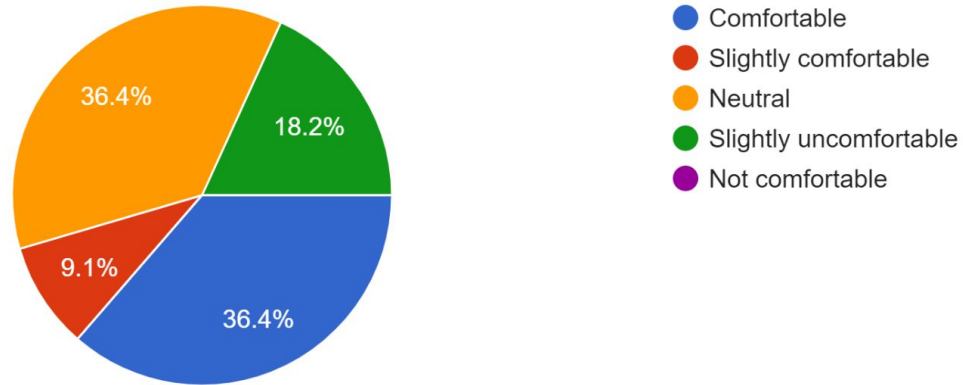
6. When I see a street surveillance camera, I feel that my privacy is being invaded.

11 responses



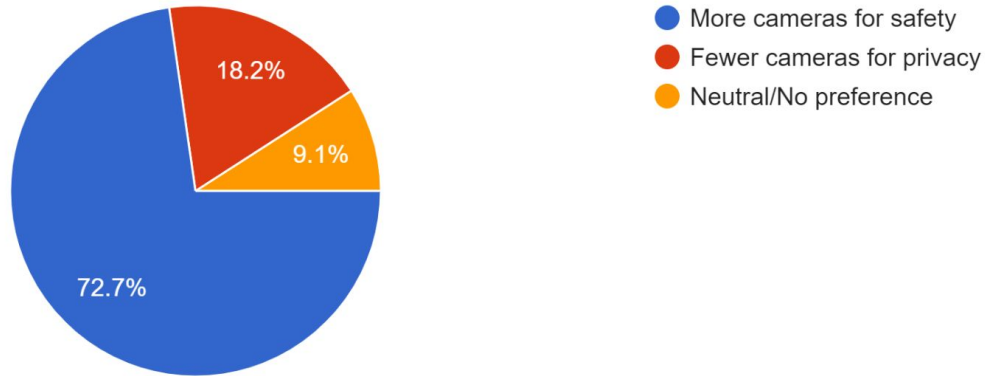
8. If the city increased its camera usage, how comfortable would you feel?

11 responses



10. If you had to choose, would you prefer more surveillance cameras for increased safety or fewer cameras for better privacy?

11 responses



Take away

Camera Control

- Who?

Camera Potential

- Types of safety not met
- Better execution

Camera Education

- Meetings



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Thank You!