Analysis of Orlando Theft Crimes

Network analysis of the crimes in and around the city of Orlando Florida by means of clustering.

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Network Optimization

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<What kind of the problem you want to solve>

Throughout the history of human gathering, individuals or groups of individuals have committed theft crimes. In general, theft can be described as the reallocation of one’s goods in a non-consensual manner with the intent to deprive the rightful owner of said goods. Although the motivations for this genre of crime can develop from both economic and non-economic circumstances, there is always a victim on the other end who suffers. According to American sociologist Richard Quinney, there is a distinct relationship between a society and the crimes that occurs within it. <I can probably add some more stuff here about theft on certain streets in Orlando Florida and why I am interested in it > In this paper, the crimes in the city of Orlando, Florida between the years of 2014 and 2020 are thoroughly examined through the use of network and data clustering algorithms to provide an insight into where exactly theft is most prominent and whether or not there are relationships between theft crimes. <Maybe include something about how I initially was going to determine the worst place to park a car but the branched out to theft crime in general. Might have to move this section somewhere else>

I am stopping here because I need to:

* make a plan of what to discuss
* figure out what other data I need to collect
* Add labels to data to make visualization more clear

<Which method(s) you are using to solve the problem>

In the case of this report, all crimes that involve the loss of property that are not explicitly defined as theft such as motor vehicle theft and burglary will be generalized as theft. The reason behind is that it is necessary to include these crimes since they involve similar, if not the same, motivations as regular theft.

<Information of Dataset>

<Brief introduction of the implementation and details of your results>

Citations

1. Dataset:

MetroWest Public Safety. (created 2016, last updated 2020) City of Orlando Crimes [Crimes in Orlando, Florida]. Retrieved 23:44, December 1, 2020, from <https://data.cityoforlando.net/Orlando-Police/City-Of-Orlando-Crimes/hm2t-fd4m>

1. Wikipedia contributors. (2020, November 28). Crime. In *Wikipedia, The Free Encyclopedia*. Retrieved 04:43, December 1, 2020, from <https://en.wikipedia.org/w/index.php?title=Crime&oldid=991063902>