2015 Crime vs Income levels by zip code in Minneapolis

Does median income predict crime rate in Minneapolis zip codes?

Do wealthier neighborhoods have higher or lower crime rates?

Do wealthier neighborhoods have higher incidence of white collar crime?

Does income level determine what type of crime is committed?

~~Option 2:~~

~~For the top 3 categories of crime by count:~~

1. ~~Is there a correlation between income and:~~
   1. ~~Other theft number of incidents~~
   2. ~~Burglary of Dwelling~~
   3. ~~Motor Vehicle Theft~~
2. ~~For all crime incidents in total:~~
   1. ~~Is there a correlation between total number of crimes and income~~

Datasets to be used:

1. MN Zipcode data - income data

<https://www.irs.gov/pub/irs-soi/15zp24mn.xls>

1. Class source of income by zipcode; api.census.gov

Use activity 10 from lesson plan 6.3 for some code

For documentation

*https://github.com/CommerceDataService/census-wrapper*

For labels

[*https://gist.github.com/afhaque/60558290d6efd892351c4b64e5c01e9b*](https://gist.github.com/afhaque/60558290d6efd892351c4b64e5c01e9b)

*"B19013\_001E": "Household Income",*

https://www.census.gov/developers/

1. Police Incidents 2015

[https://services.arcgis.com/afSMGVsC7QlRK1kZ/arcgis/rest/services/PoliceOffense2015/FeatureServer/0/query?where=1%3D1&outFields=\*&outSR=4326&f=json](https://services.arcgis.com/afSMGVsC7QlRK1kZ/arcgis/rest/services/PoliceOffense2015/FeatureServer/0/query?where=1%3D1&outFields=*&outSR=4326&f=json)

Tasks:

1. API
   1. income by zipcode in the city of Minneapolis from cvs file
   2. Crime data from open minneapolis
2. Normailize by number of households

Neb:

Understand the labels from activity 6.3

Zaheer

Make three heatmaps of the top three crimes types

Haitham

Filter xls-csv zip with income

Snejana

Csv or xls of Minneapolis zipcodes and St Paul zipcodes

Go watch 6.3 class video

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