

Data intro

Health Insurance Historical Tables

<https://www.census.gov/data/tables/time-series/demo/health-insurance/historical-series/hic.html>

Historical Income Tables

<https://www.census.gov/topics/income-poverty/income/data/tables.html>

Gini Index

https://www.shsu.edu/eco_mwf/Frank_Gini_2018.xls

Median household income, by state: Selected years, 1990 through 2017

https://nces.ed.gov/programs/digest/d18/tables/dt18_102.30.asp

Data intro

2020 Census Apportionment Results

<https://www.census.gov/data/tables/2020/dec/2020-apportionment-data.html>

Small Area Health Insurance Estimates (SAHIE) Program

<https://www.census.gov/programs-surveys/sahie.html>

SAHIE File Layout Overview: 2008 to 2019

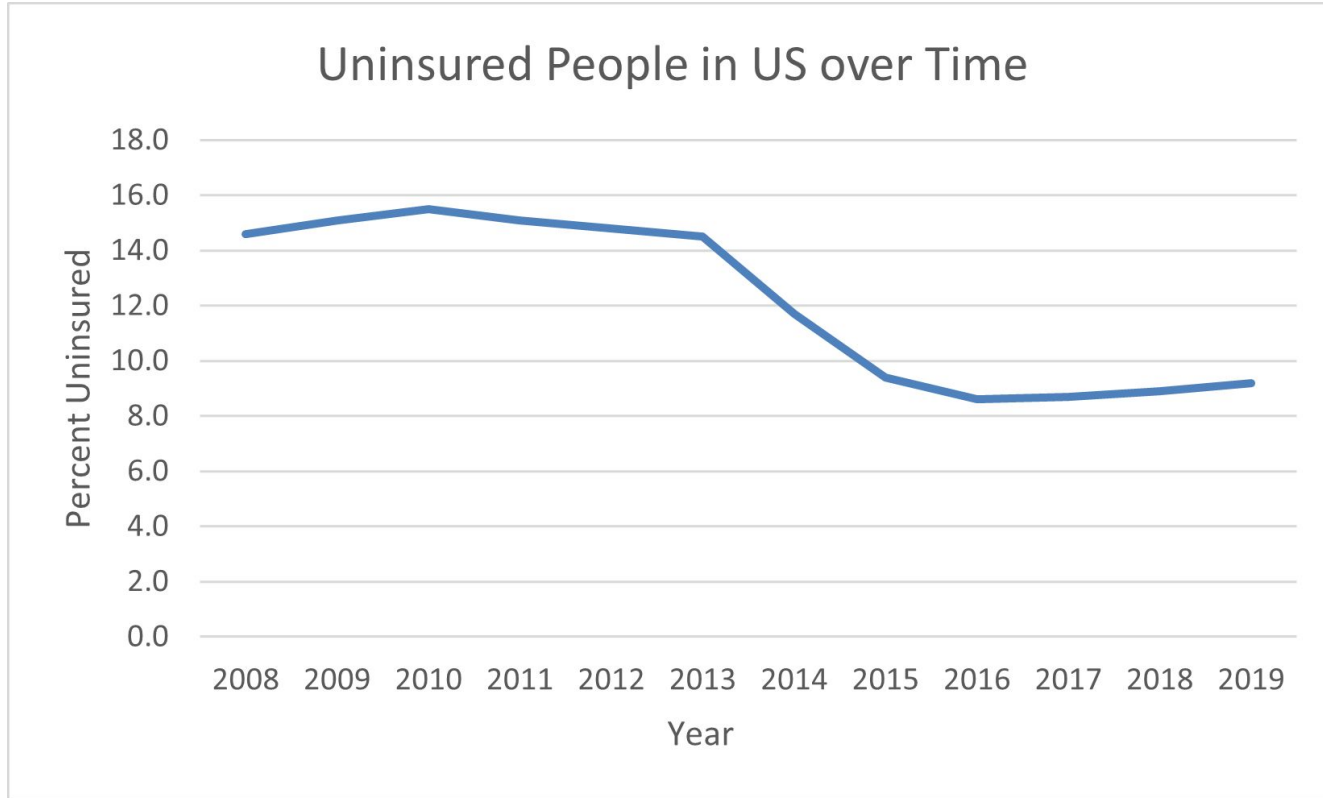
<https://www2.census.gov/programs-surveys/sahie/technical-documentation/file-layouts/sahie-file-layout-2008-2019.pdf>

Question summary

List of questions to be answered (6), or a general summary of them

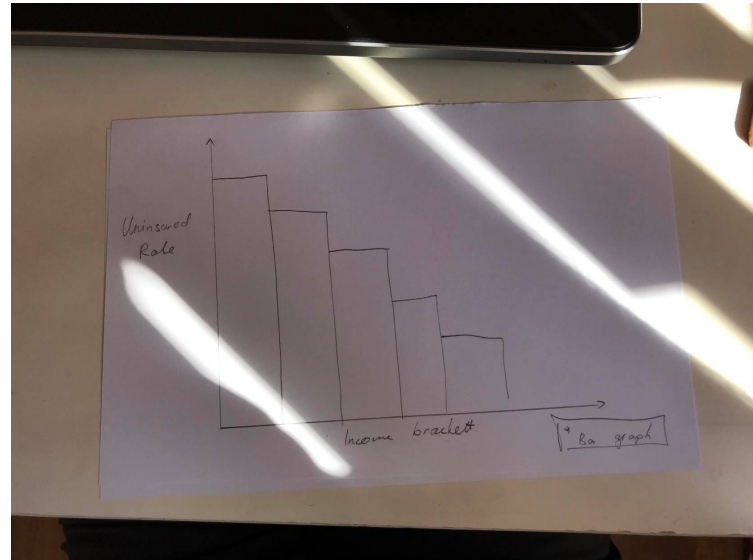
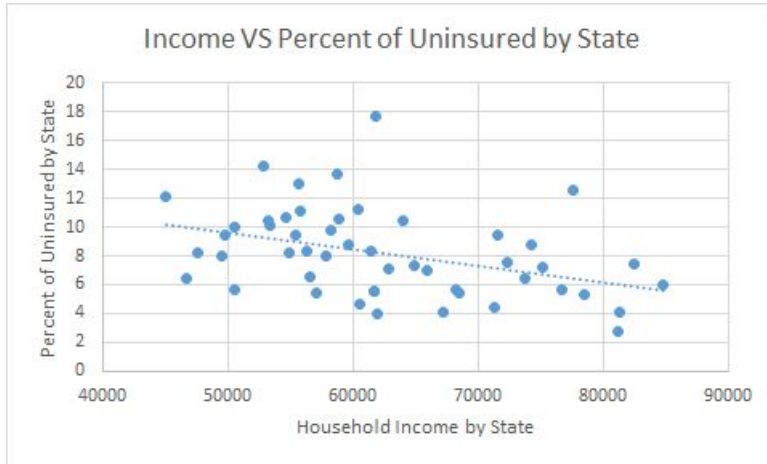
1. Are rates of uninsured people increasing or decreasing?
2. What is the relationship between rates of insurance coverage and income for US and per state (if available)?
3. What is the relationship between rates of insurance coverage and wealth inequality for US and for state (if available)?
4. What is the relationship between rates of insurance coverage and race?
5. Is insurance coverage increasing for states with lower income at the same rate as it is for states with higher income?
6. Can we predict if someone is insured based on wealth inequality index of state, their income, and their demographic factors (age, sex, race etc...)?

1. Number of uninsured people over time



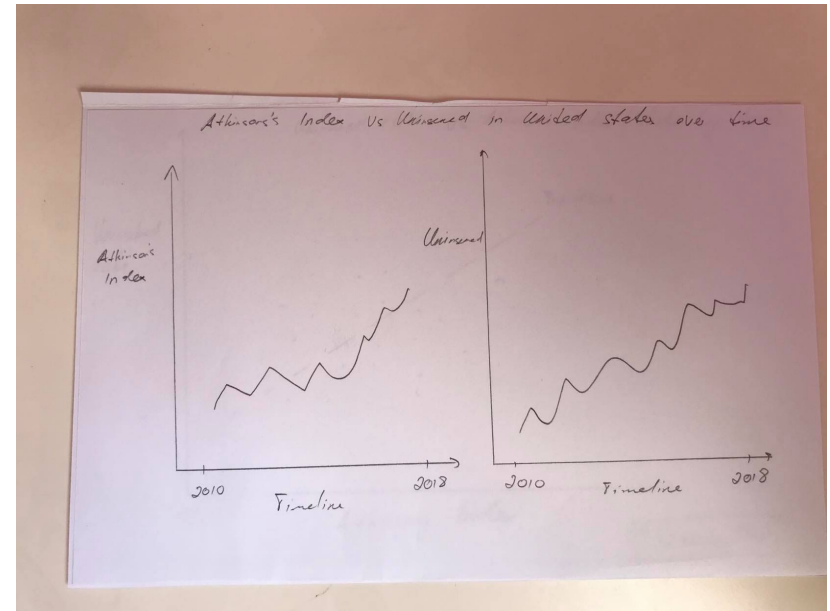
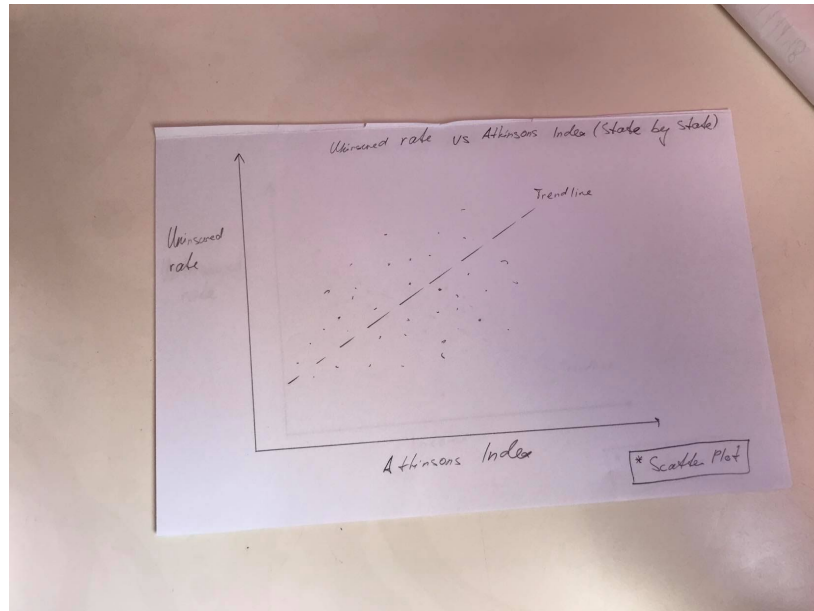
2. Relationship between rates of insurance coverage and income for US and per state

Text explaining the visualizations and giving answer to the question



3. Relationship between rates of insurance coverage and wealth inequality for US and for state

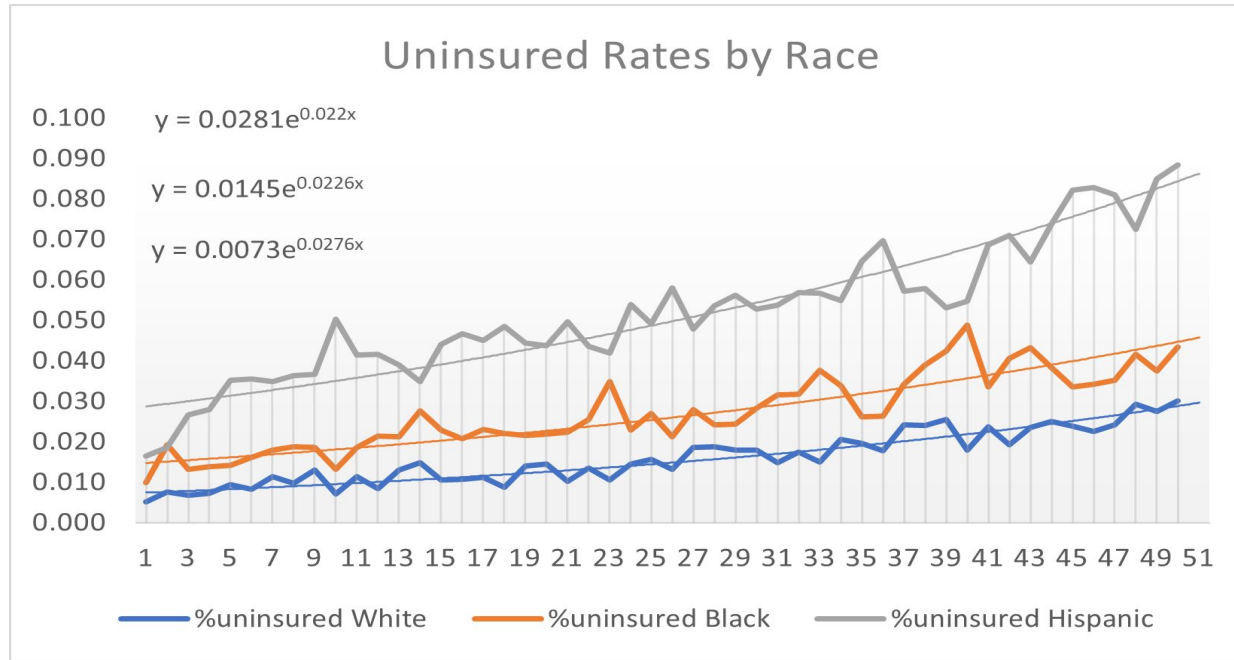
Text explaining what these visualizations represent and answering the question



(4)

What is the relationship between rates of insurance coverage and race?

- Explanation of analysis
- Answer

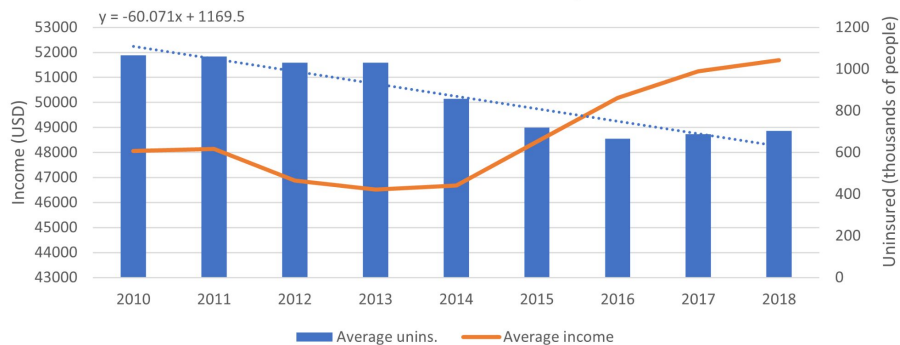


(5)

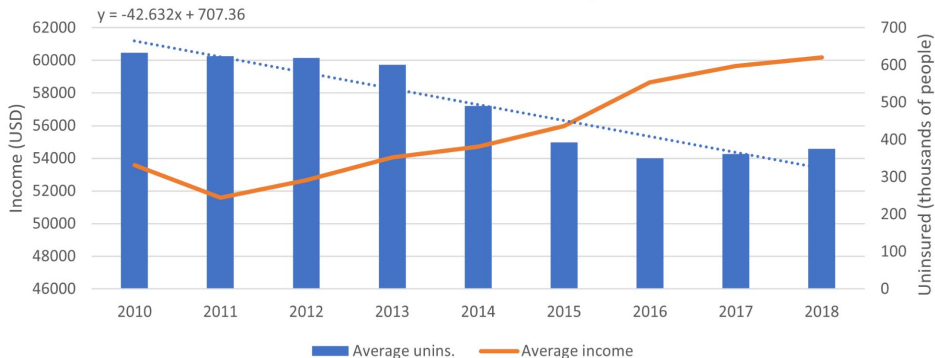
Is insurance coverage increasing for states with lower income at the same rate as it is for states with higher income?

- explain reasoning for choosing to analyze states by income quartile
- Describe rates of insurance coverage by quartile
- Answer question

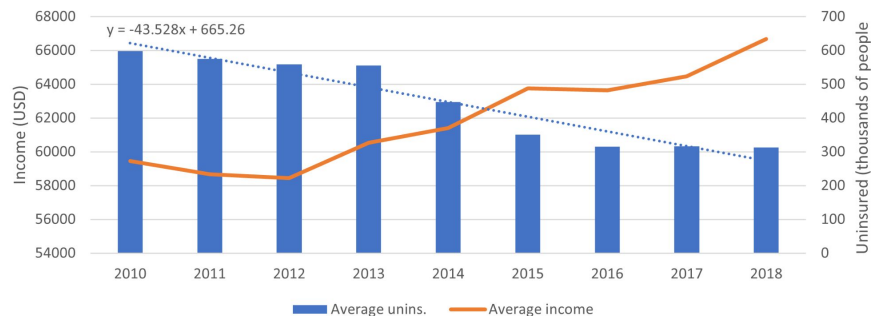
Uninsured Rates Over Time for Q1 Income



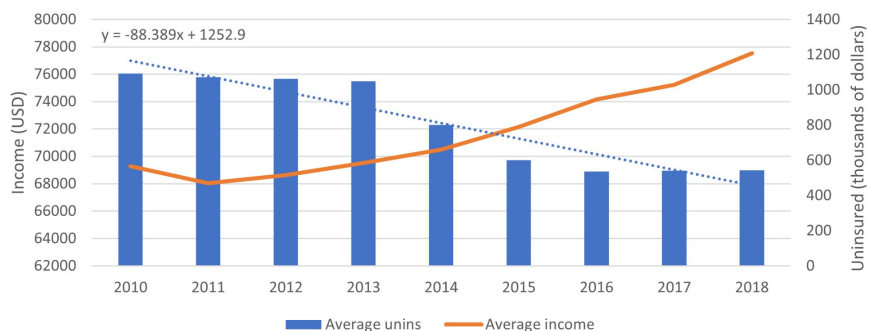
Uninsured Rate Over Time for Q2 Income



Uninsured Rates Over Time for Q3 Income



Uninsured Rate Over Time for Q4 Income

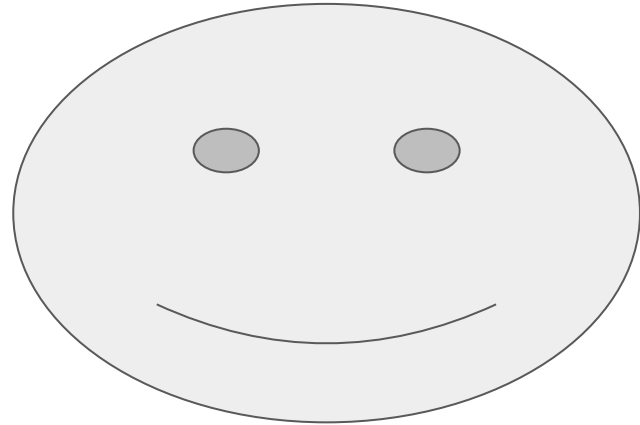


6. Regression method and predictors of insurance

Explain data here, what does the dataset look like it's name

Maybe a picture of how the data looks
(screenshot of excel or python)

Method of working with data



6. Regression

Explain findings

Show examples and results of various combinations

$r^2 = 1$ given a,b,c,d etc

$r^2 = 2...$

Conclusion for analysis

conclusion

Insurance is...

summary