Homelessness in the United States

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Background information:

- Started with the topic of public health
- Found data by googling
- Data used:
  - US Department of Housing and Labor Development for 2018 to 2019
  - US homelessness data for 2007 to 2016 from Kaggle
  - Zillow housing price data for 2017
  - Los Angeles Homeless Services Authority, Homeless Counts 2017 to 2019
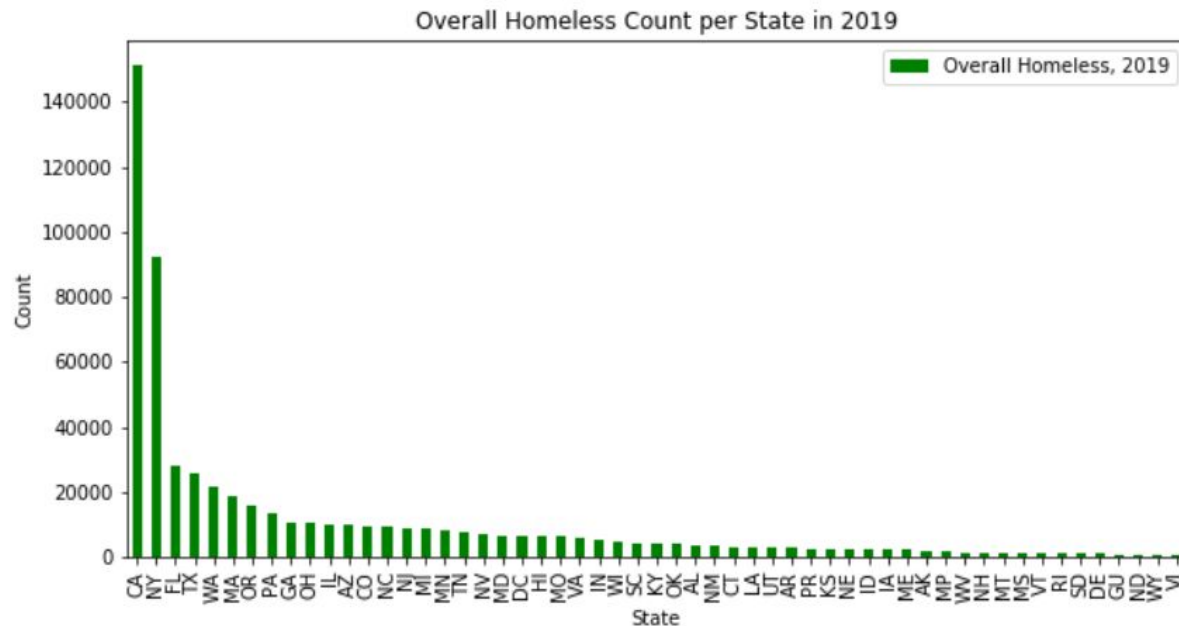 - National Survey on Drug Use and Health, 2018
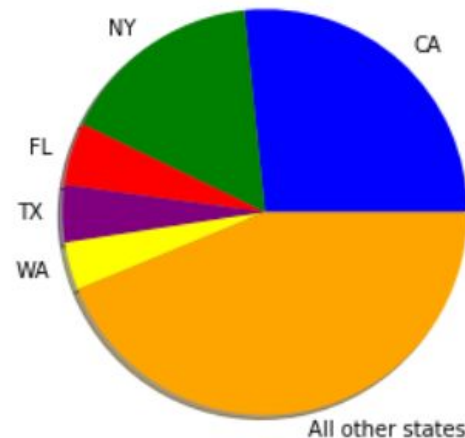
Background information:

- Clean up process:
  - Data files were converted into CSV files
  - Cleaned by pandas
- Analysis:
  - Location
  - Housing prices
  - Veteran population
  - Substance use

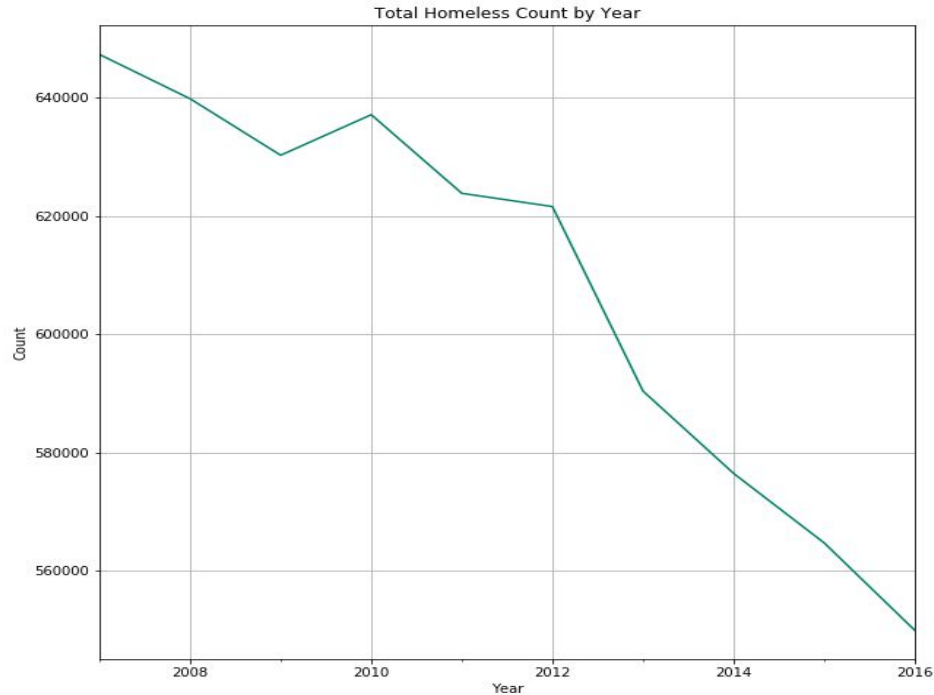# Each question we asked of the data set:

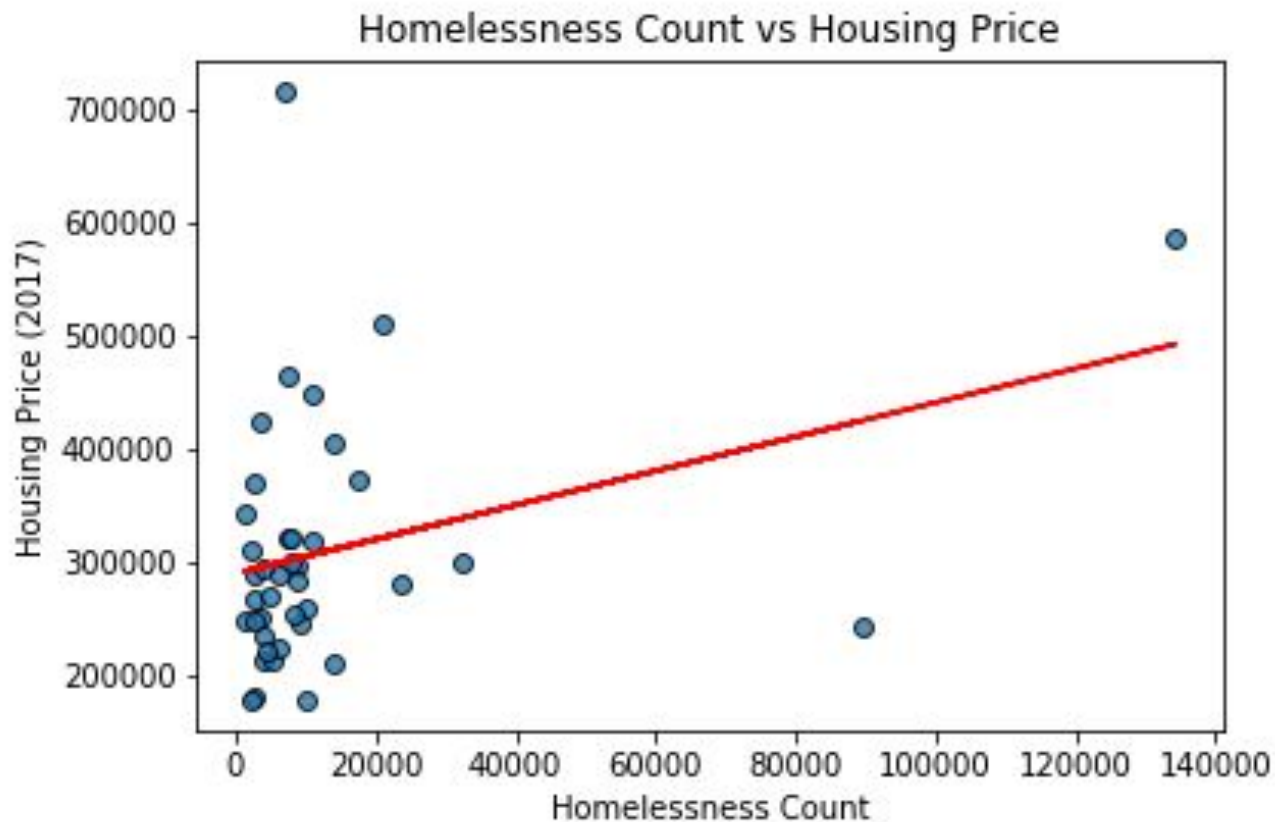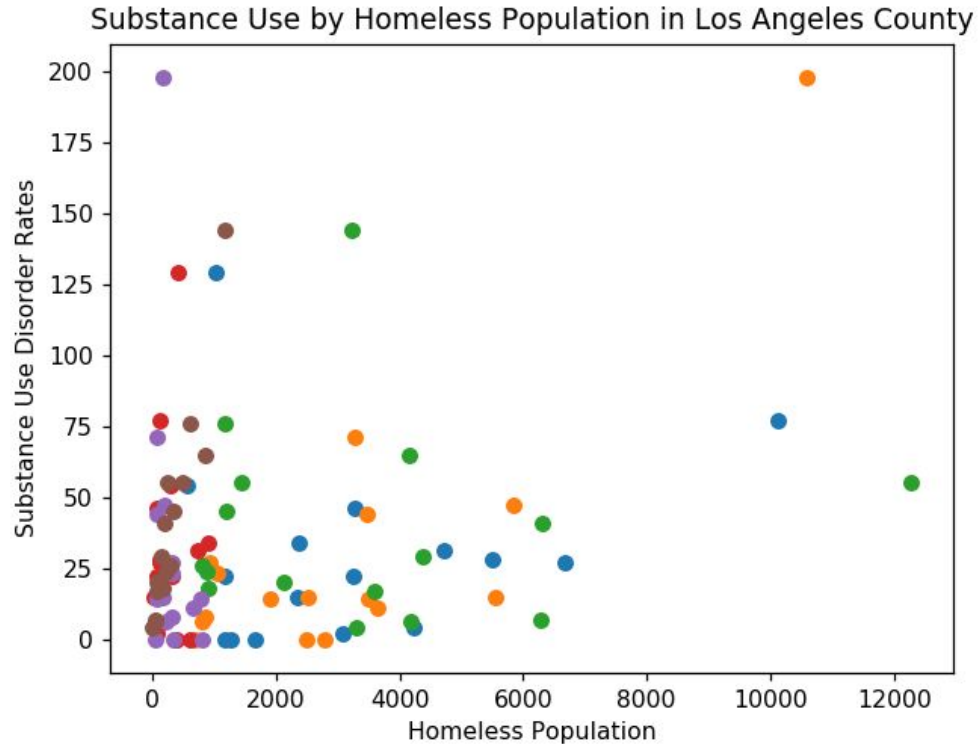# Which state has the highest count of homeless?

What is the homelessness count trend over the years 2007 -2016?

Does housing price cause homelessness?
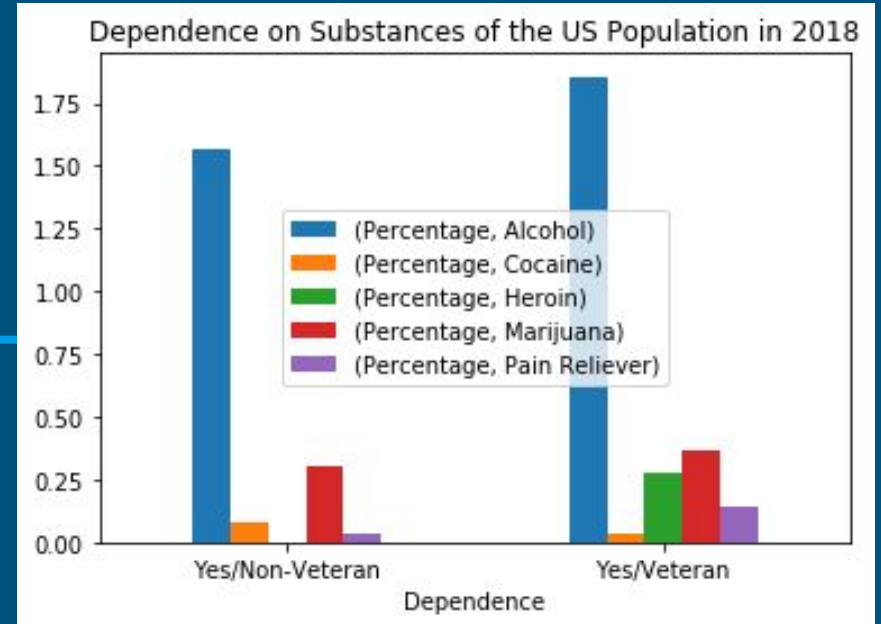

Homelessness Count vs Housing Price

Does homelessness correlate with substance use disorder?

Substance Use by Homeless Population in Los Angeles County

Is there a difference in substance use among unsheltered vs. sheltered homeless?

Substance Use Rates by Shelter Status in Los Angeles County
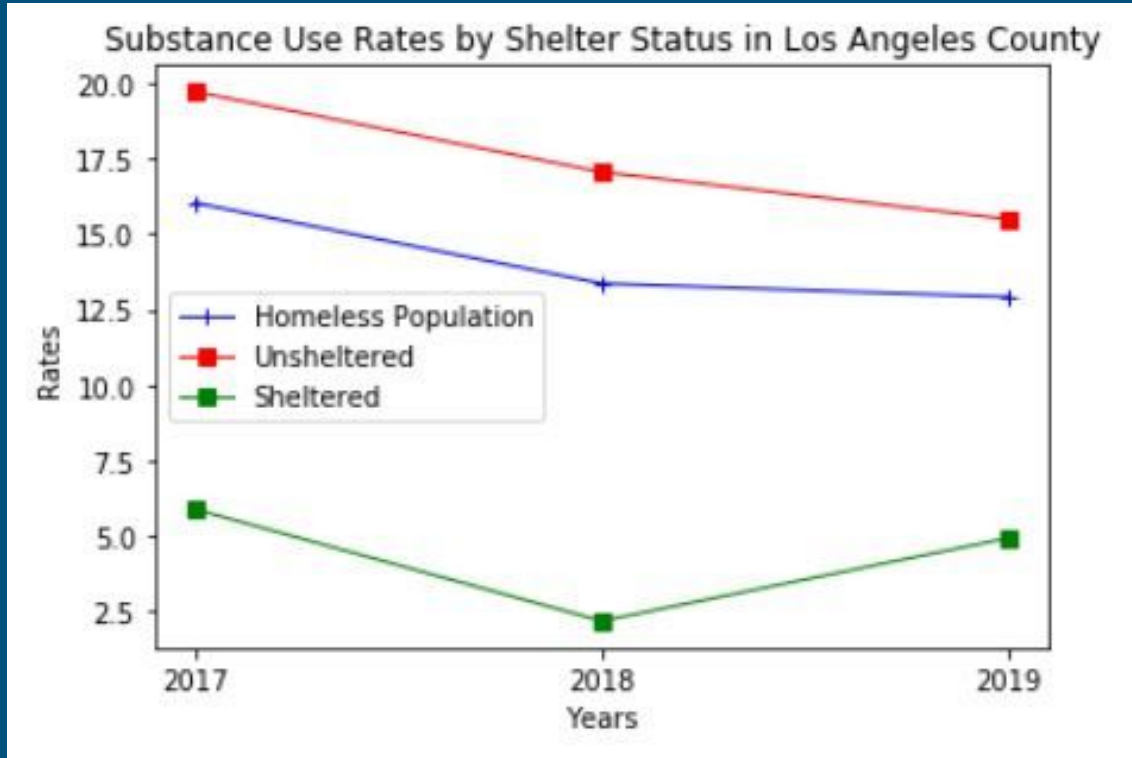
Do homeless veterans have a greater dependence on substances?
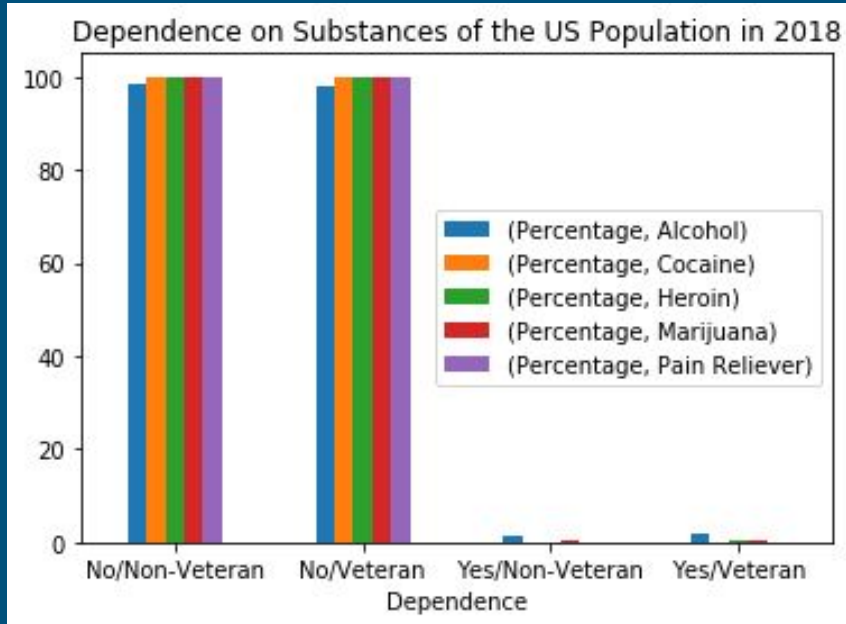
Conclusion

- In 2019, California, New York, Florida, Texas and Washington had the highest count of homeless
- Overall homelessness count decreased over the years
- No significant contribution from home prices to homelessness
- No correlation between homelessness and substance use; except among unsheltered homeless
- Veterans are more dependent on substances

Further Research

- Other societal, political, cultural causes of homelessness
  - Climate
  - Substance use
  - Domestic Violence
  - Liberal vs Conservative
  - Law enforcement

Thanks!

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Questions?