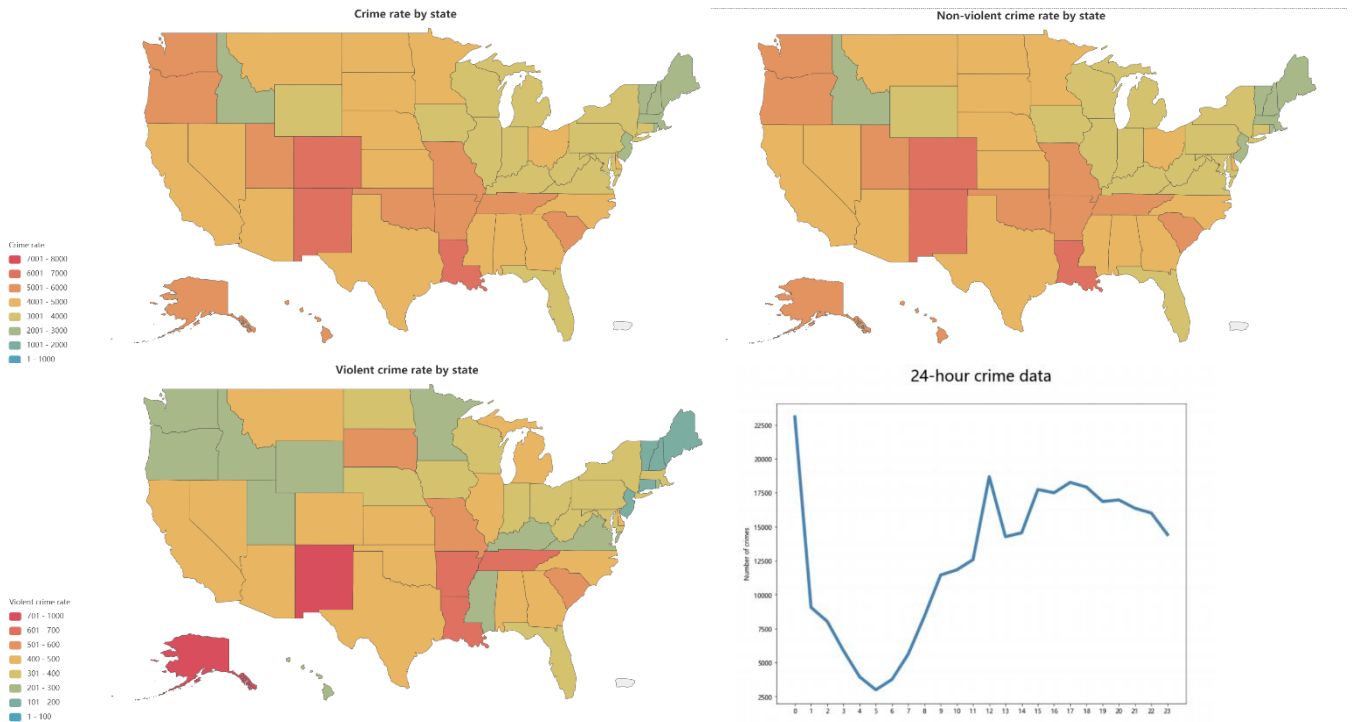


US crime statistics

(ii)



(iii)

In the midterm project, I use a line chart to show the change of crime rate at different times.

In the final project, I present the crime rate of each state on the map of the US according to the depth of color. The darker the color, the higher the crime rate.

(iv)

According to the data in the line chart, the highest crime rate is at twelve o'clock in the evening, and the lowest crime rate is at five o'clock in the morning. In general, the crime rate in the morning is relatively low.

Based on the different color changes on the map, we can see that the crime rate of the coastal states is generally lower than that of the inland states, and the more economically developed the state, the lower the crime rate.

(v)

In the mid-term project, my data is all crime data in Maryland from 2016-07-01 to 2022-08-08, and the data includes specific crime time and location. I think this much data is of universal reference value.

In the final project, my data is the average crime rate of each state in the US in 2022.

(vi)

Combined with these charts, we can get a basic understanding of the overall security situation in the United States and be able to know the security level of our region. We should be more security conscious and try to avoid going out during the time when the crime rate is high.

GitHub link: <https://github.com/AustinD349/2415-Haoyang-Deng-Final-project.git>