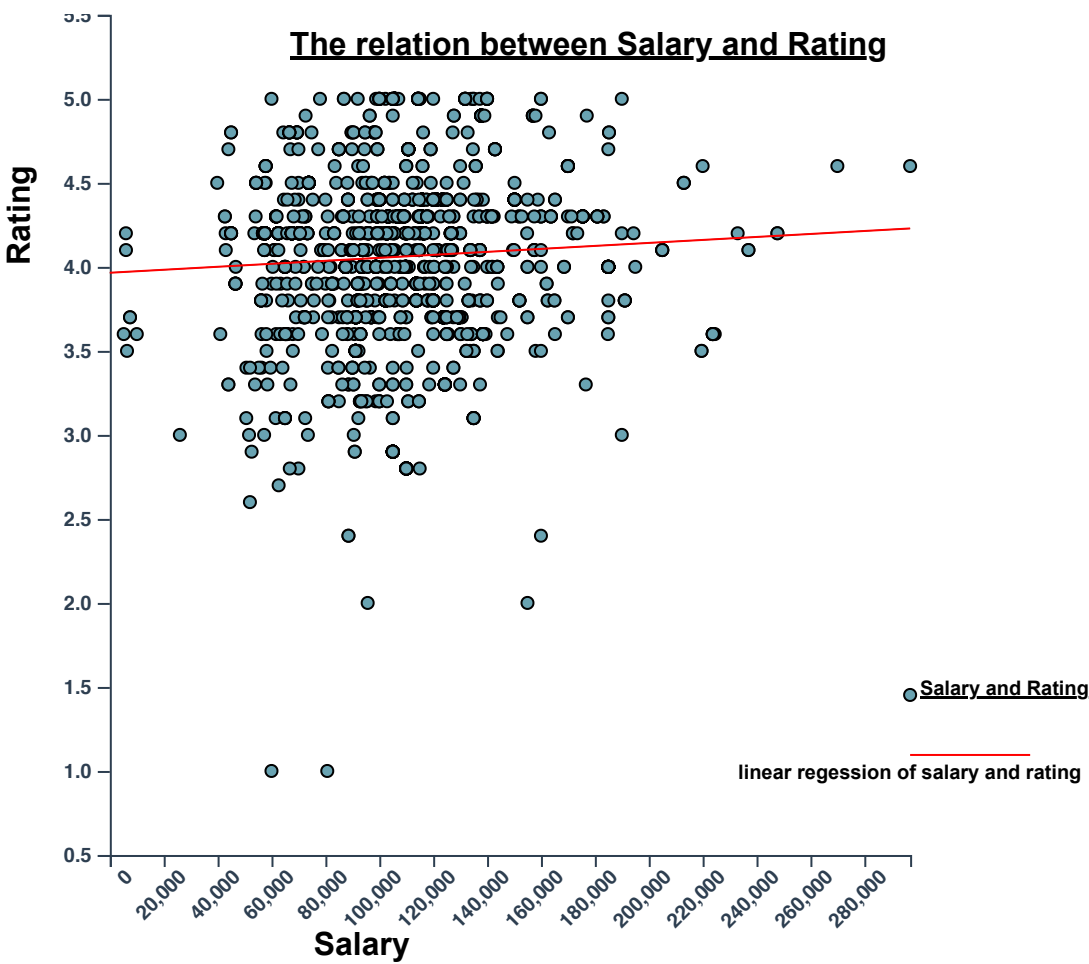


# How much will you earn on Data Science in US?

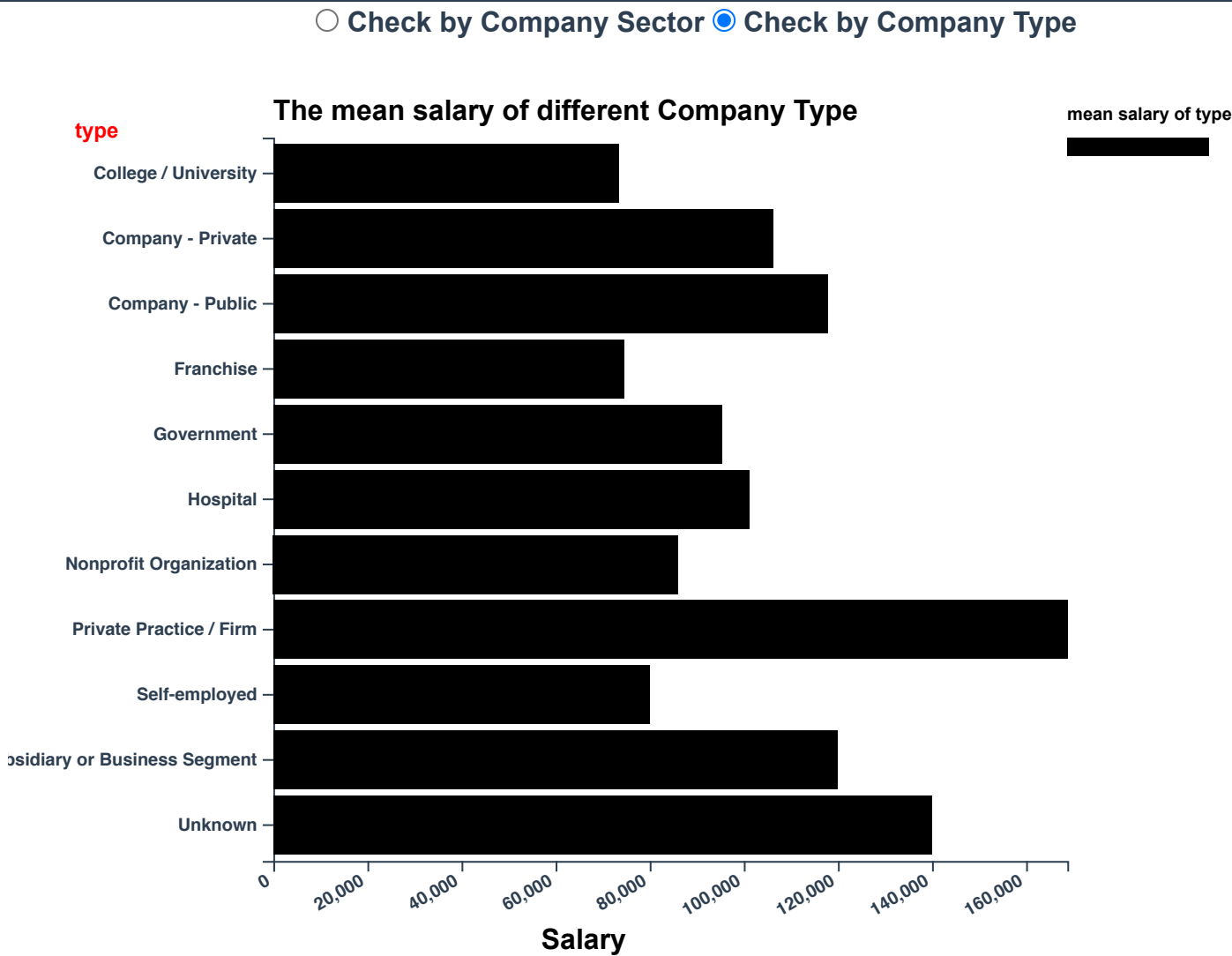
Data science has become the revolutionary technology that everyone seems to be talking about. Data science, dubbed "the sexiest job of the 21st century," is such a buzzword that few people know what its technology really means. Linkedin found in the latest survey of related occupations that machine learning and data science engineers have surpassed traditional software engineers to become the highest paid group, with a median annual salary of \$129,000. IBM predicts that in the next few years, the demand for data science jobs will soar by 28%. Nowadays, Data Science is undoubtedly one of the most popular majors for studying abroad, and the competition for data science majors is becoming increasingly fierce. What to learn? How about employment?



## Introduce :

This graph use points to instead the position of rating and salary, and use red line to show the line regression. Then use Horizontal and Vertical in position to represent the position of each point.

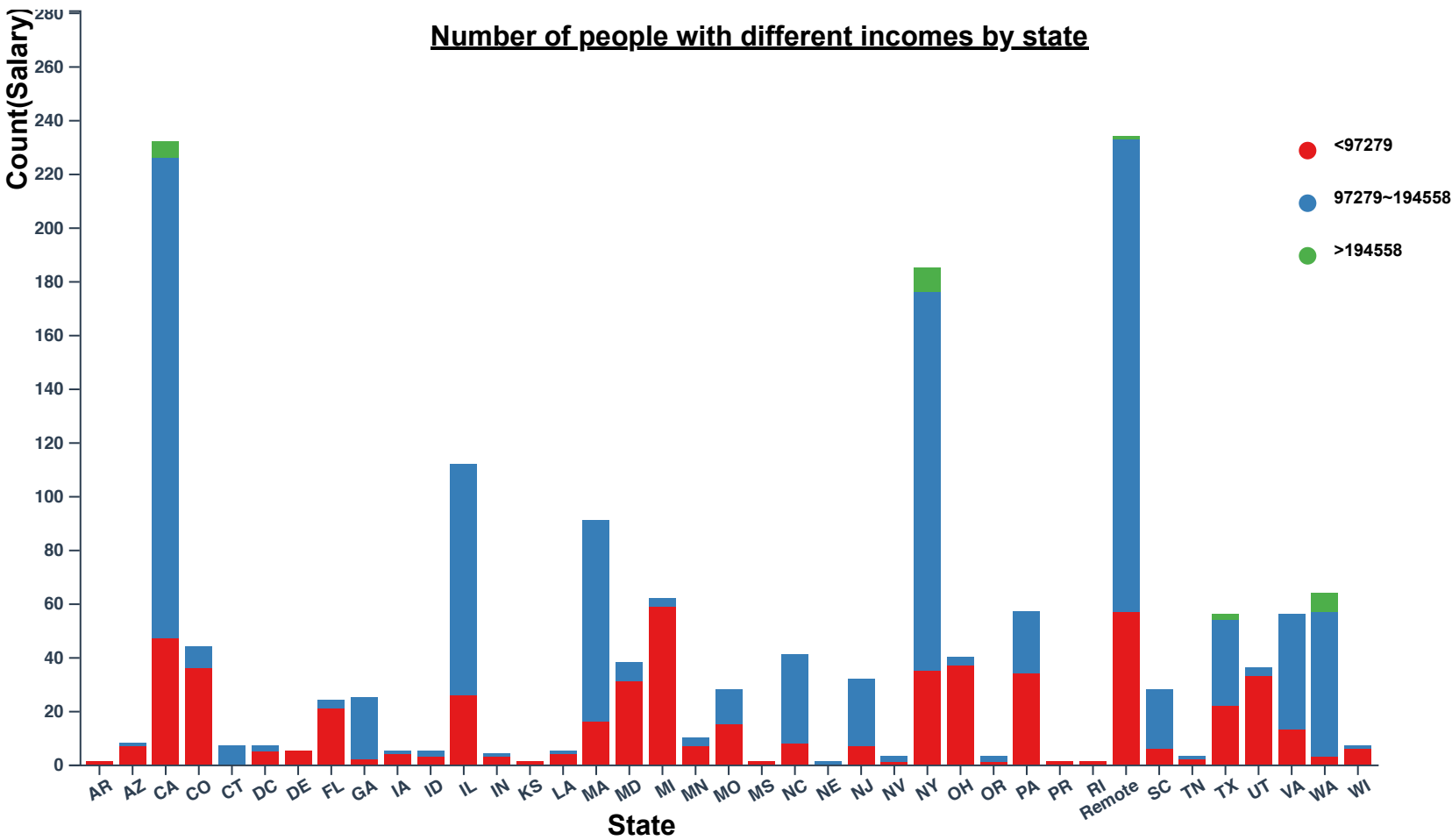
In adintion, this graph show the the most of salary between 50,000 to 140,000and rating between 3.5 to 4.5, but the linear regession still show the high ratingwill give you more salary.



## Introduce :

Marks is line and the channels is Position and Length to show the salary in different company sector and company type.

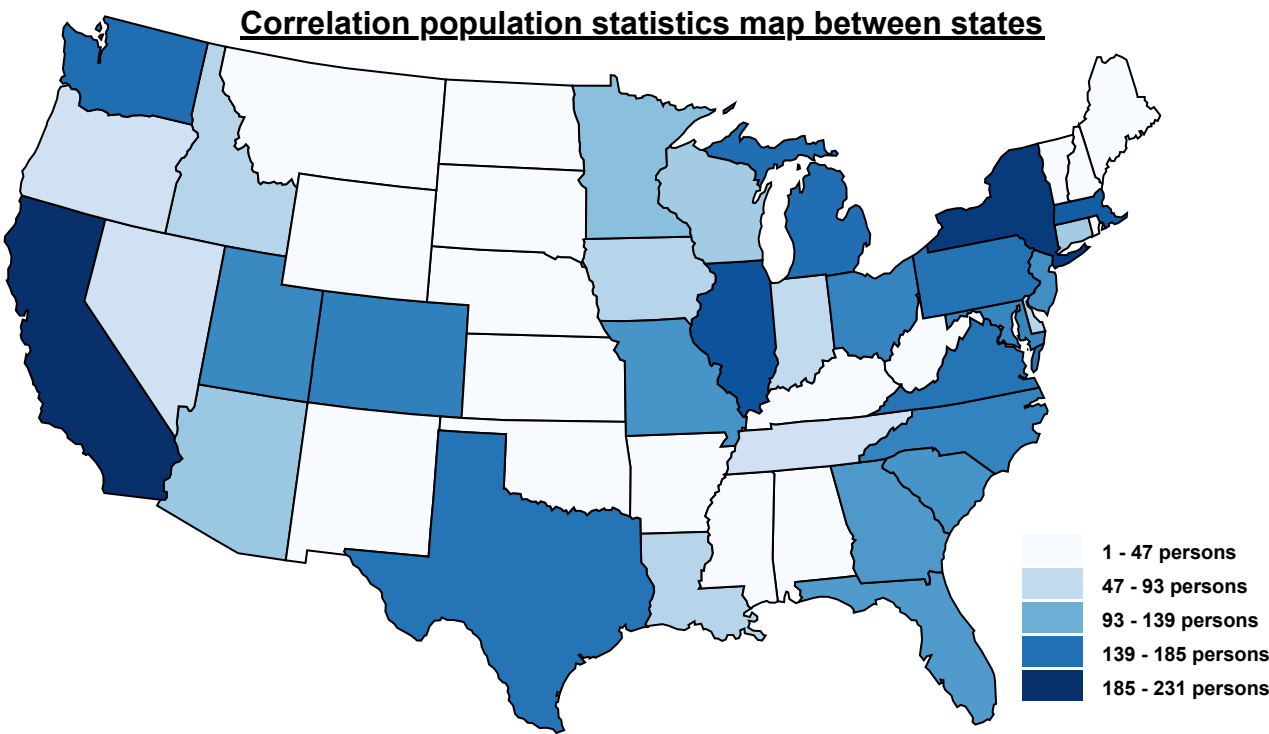
In this graph, we can get the Telecommunications will have highest salaryin different company sector and Private Practice / Firm will let you earn highest salary for company type.



Introduce :

First, we divide the income into three parts. When the income is lower than 97279, it is represented by red; when the income is between 97279 and 194558, it is represented by blue; when the income is greater than 194558, it is represented by red. So in this image, marks have lines, and channels have positions, colors, and sizes.

In this image, most people work in California, or work remotely, and the income of the two most people is generally between 97279 and 194558.

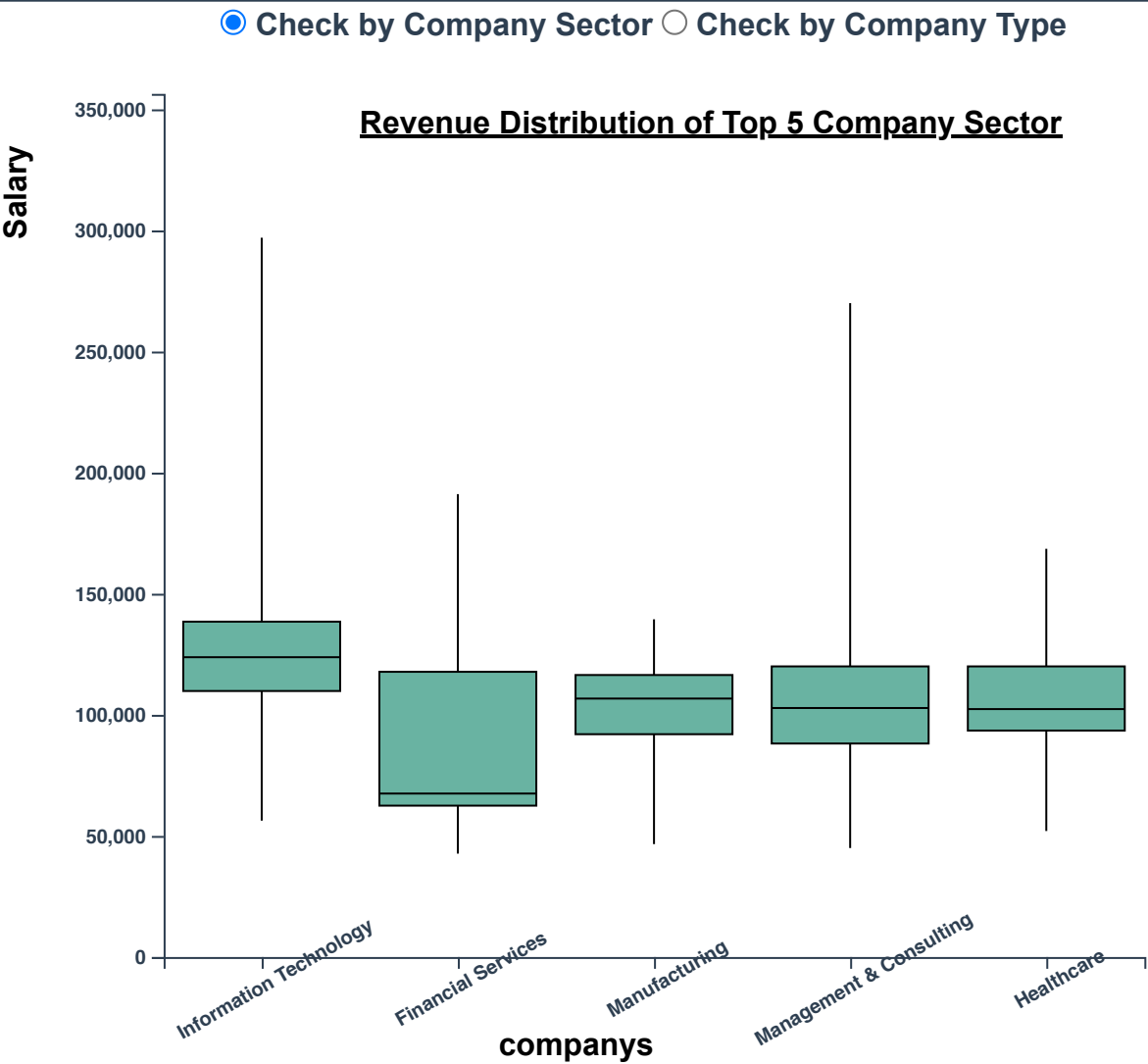


Introduce :

Display the area as the shape of each state, and at the same time this is the mark, and then use the color gradient to distinguish the differences between the states and use it as channels.

Taking a closer look, we can see that California and New York are the two states with the largest population statistics.

In addition, I use zoom in and out to make state of choose more easiler.



Introduce :

Here, we use box plot to display, the vertical line indicates the range of maximum income and minimum income, and the green rectangle in the middle indicates the range income of 25% to 75%, so marks have lines and areas, while channels have positions and shapes, and area to represent.

In this picture, we have extracted the departments and company categories with the largest number of people through simple processing, and then through simple observation, we can get that most of the data are extremely unevenly distributed, whether it is the comparison between departments or the type. In comparison, the gap between the maximum value and the minimum value is huge, and the median line indicates that the income does not match the mean. The data between 25% and 75% is not in the center of each group of data, that is, it is not normally distributed.