

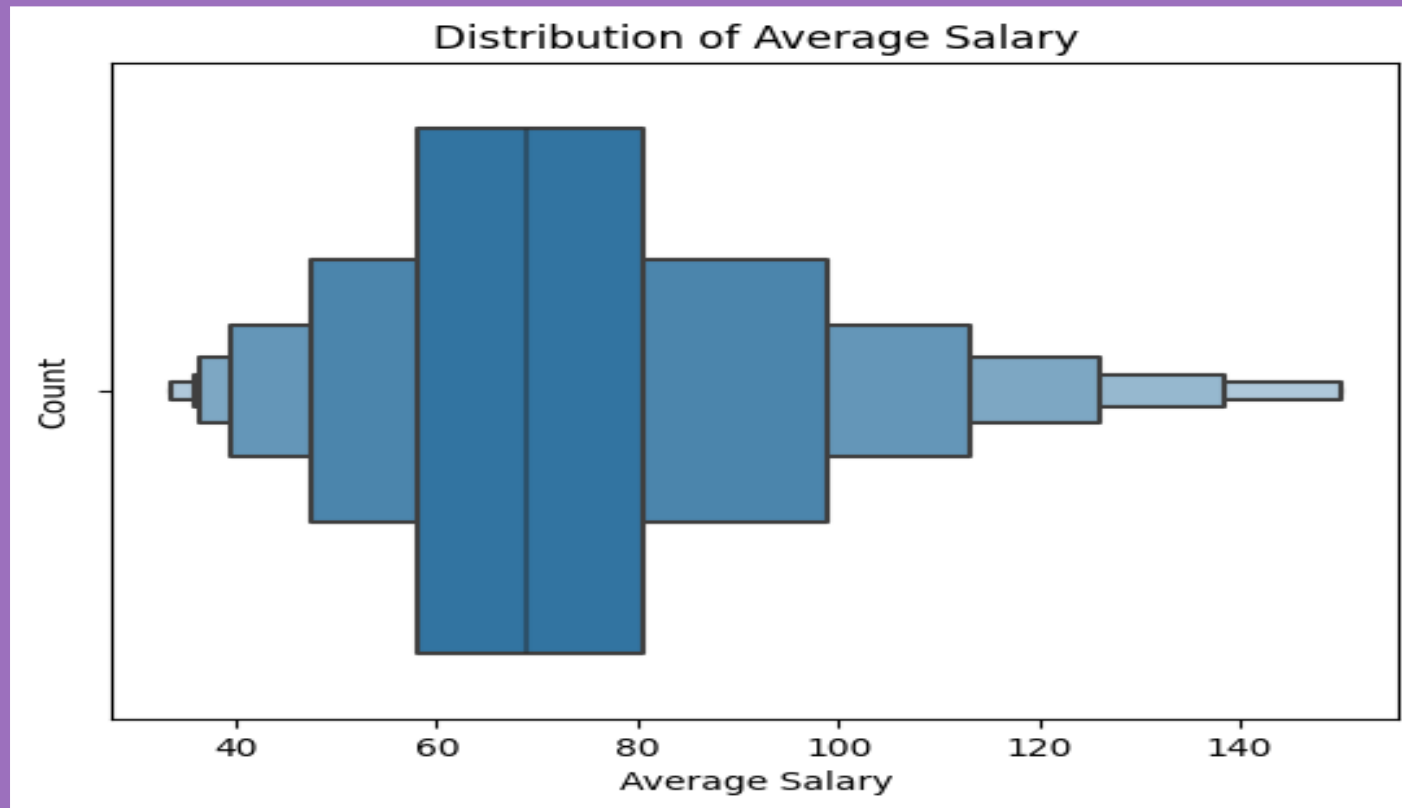
Data Analyst Jobs (ML _ FA _ DA projects)

Tools : **Python, Visual Studio code / jupyter notebook**

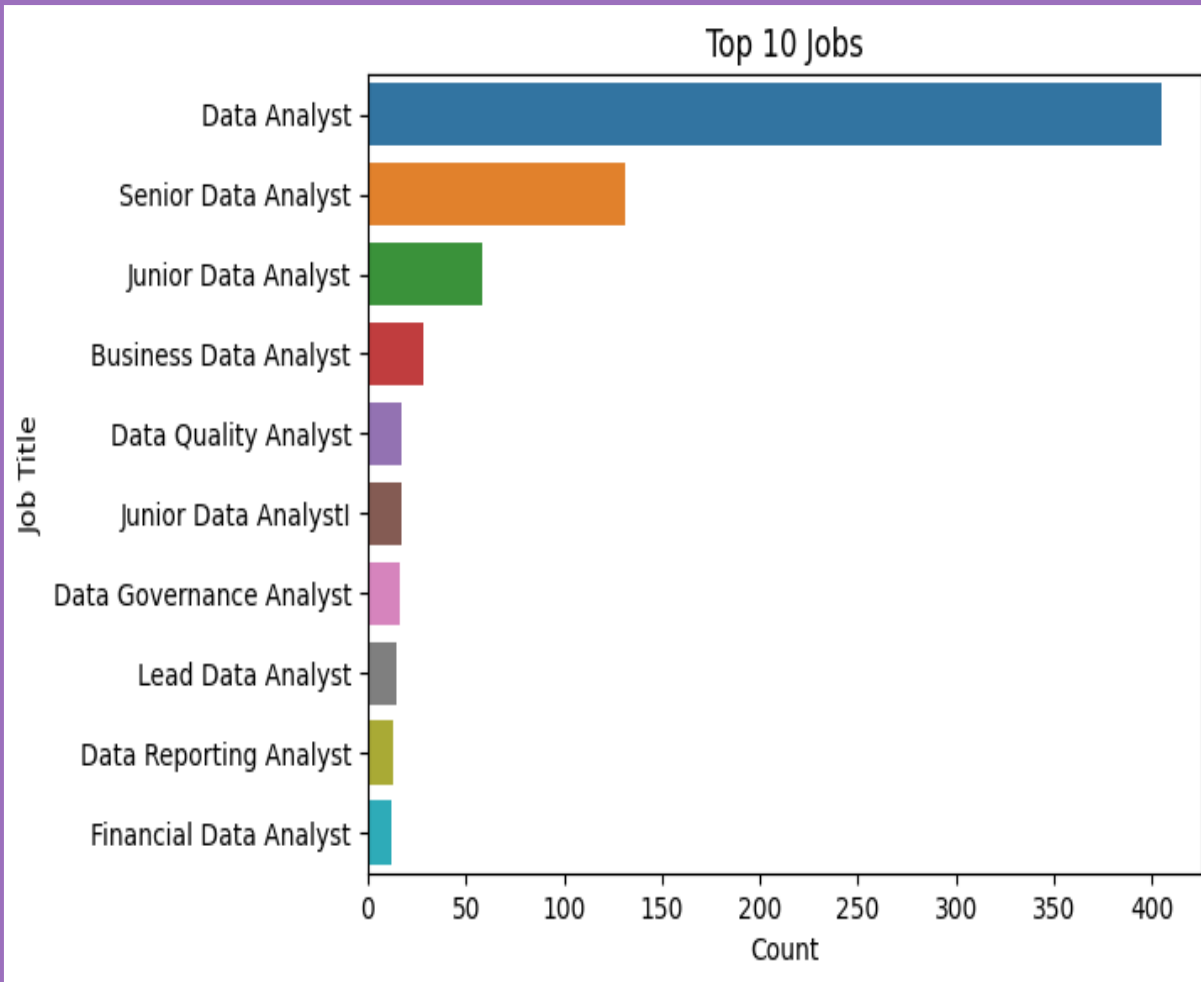
Domain : **Finance Analyst**

Project Difficulties level : **intermediate**

Insights of the project

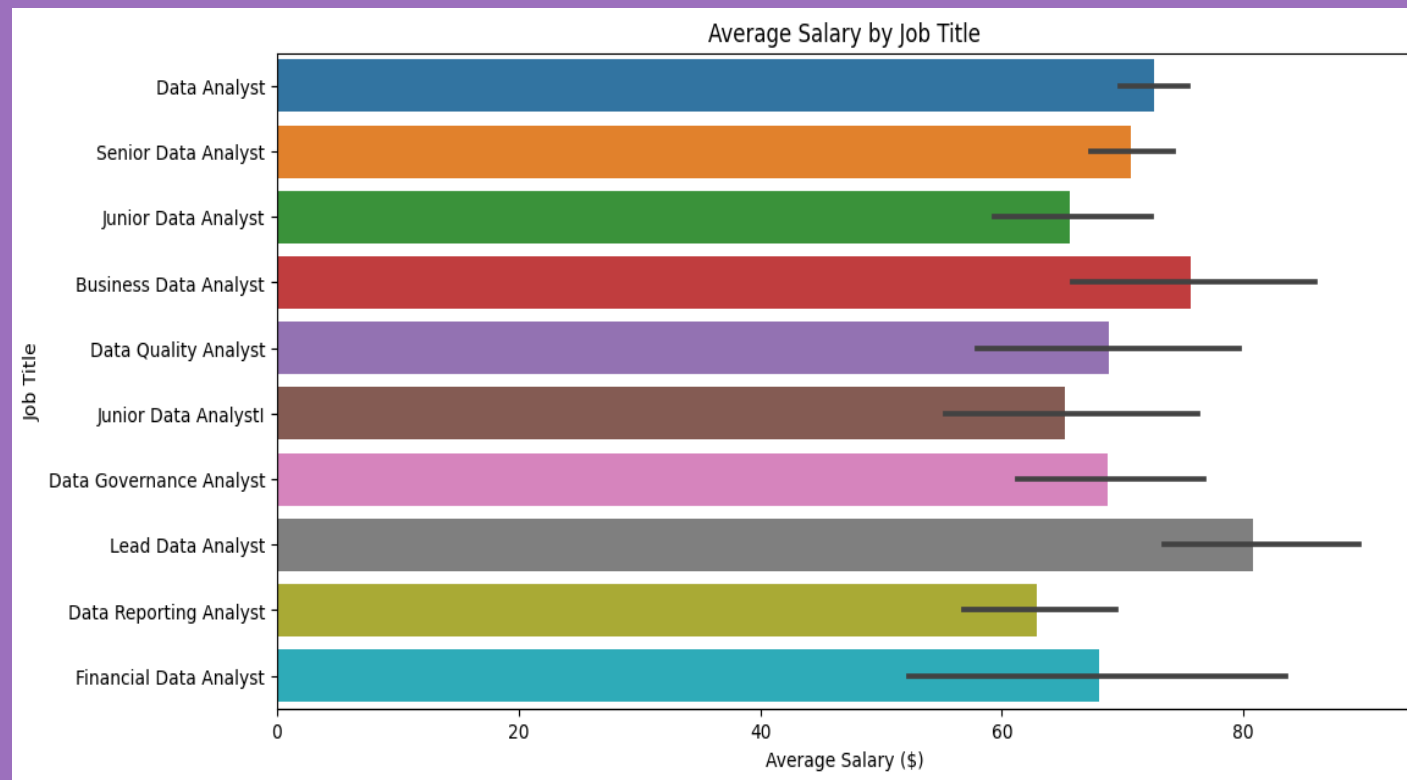


Data Scientist and Data Analyst roles are among the lowest paid in data science. The highest paying jobs are data science manager/director type roles, machine learning research roles which mostly require doctoral degrees, and more computer science centric roles such as the Machine Learning Engineer. The lowest paid roles in data science are Statisticians.

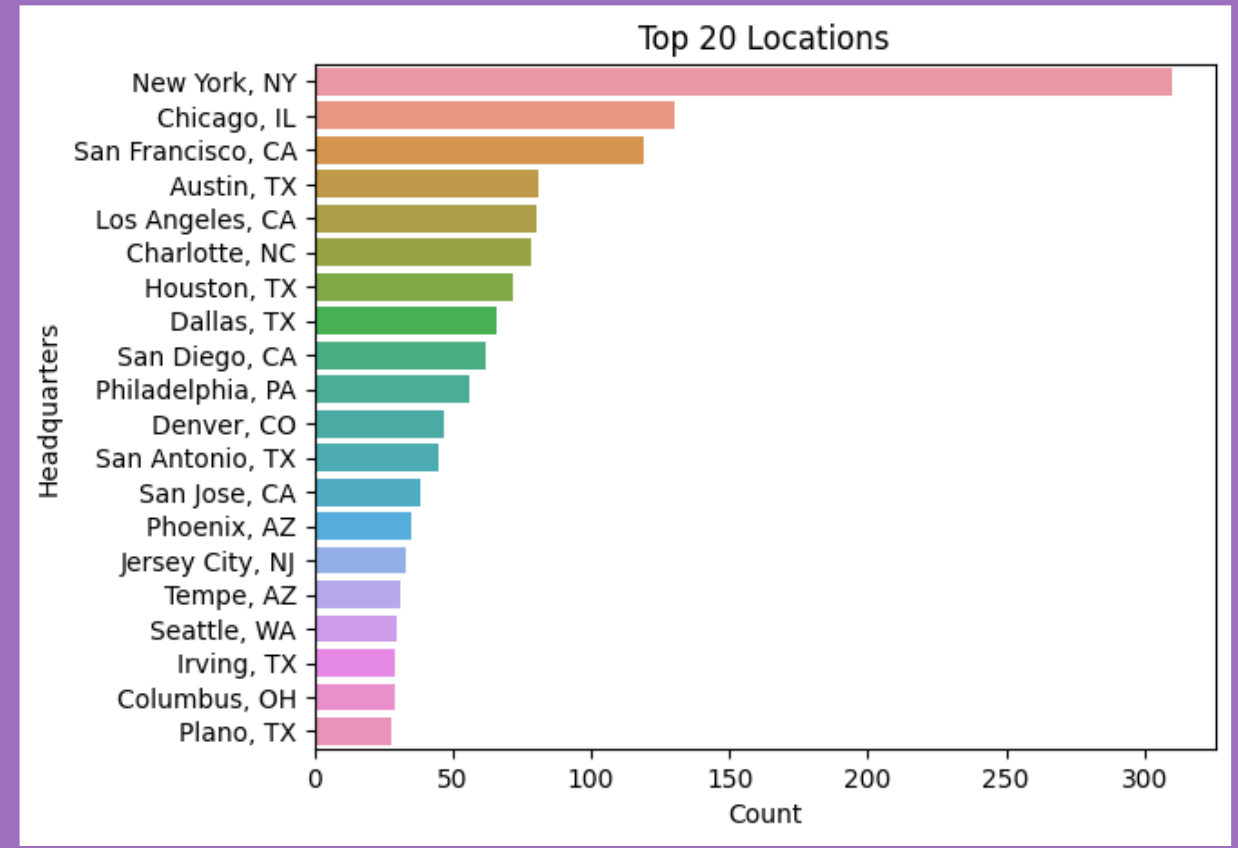
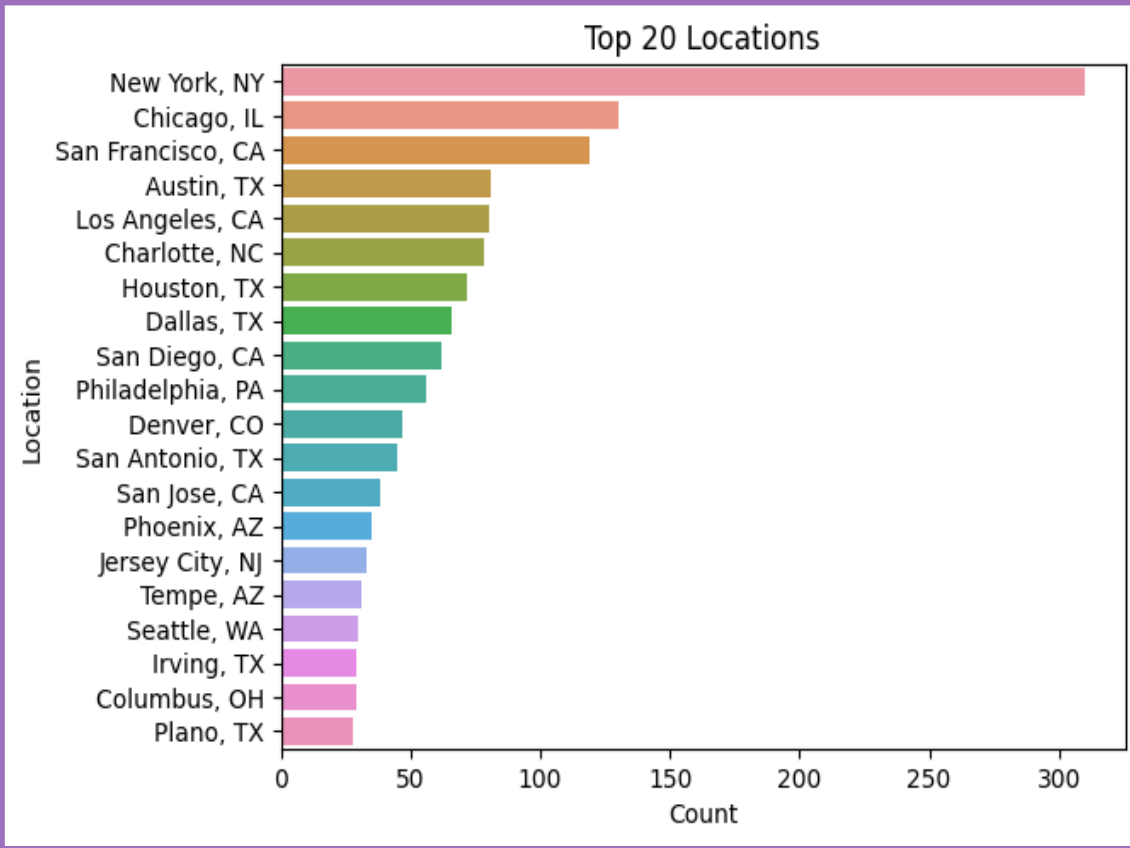


The top 5 jobs in the data set are as follows.

- Data Analyst that has a value of 405
- Senior Data Analyst that has a value of 131
- Junior Data Analyst that has a value of 58
- Business Data Analyst that has a value of 28
- Data Quality Analyst that has a value of 17

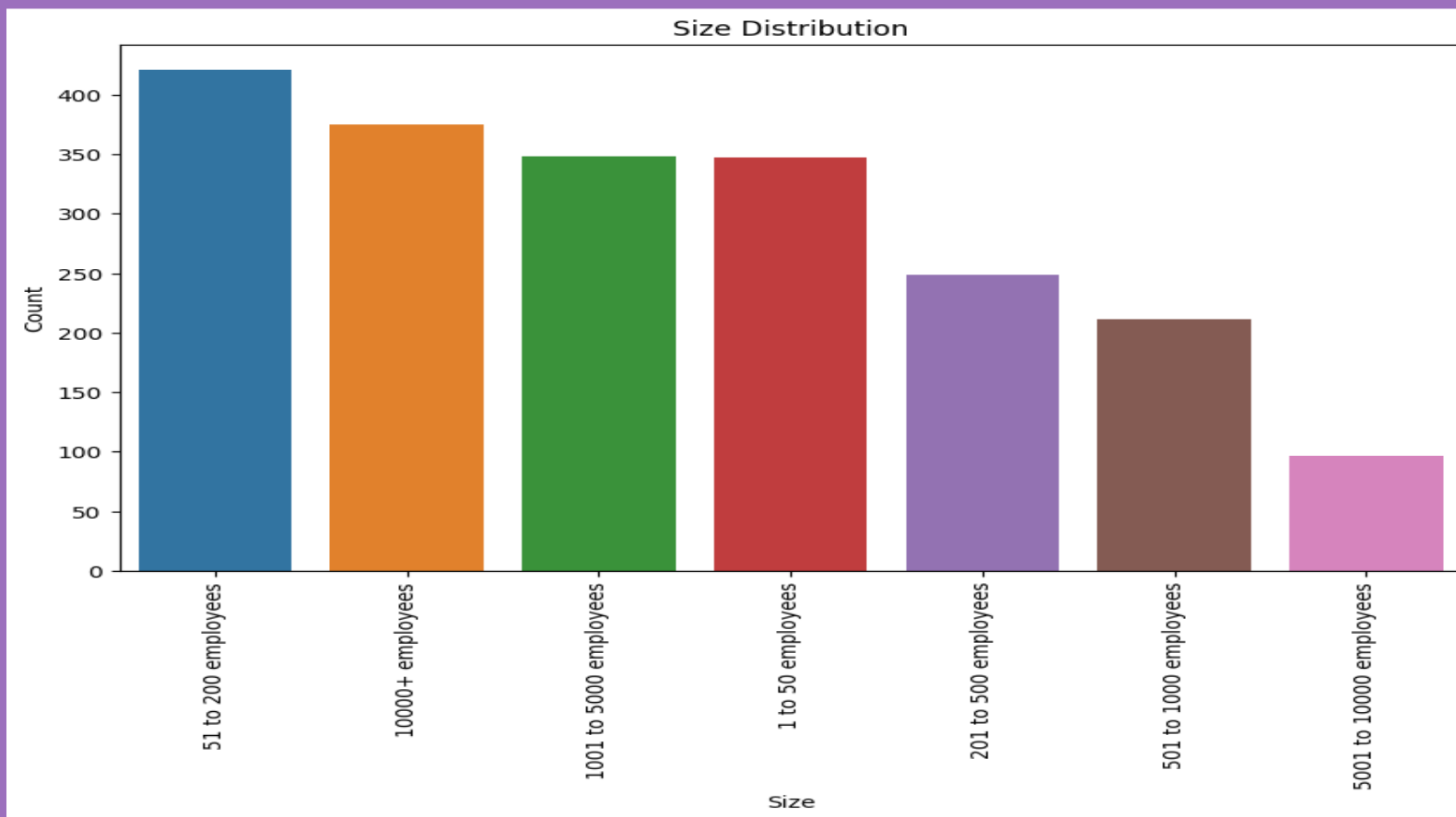


The average salary for data analysts jobs is between 60K-80K annually with a minimum of 40K and a maximum of 140K. The dataset shows that there is a massive demand for Data Analysts in the industry. There is a huge gap in job availability between the positions of Data Analyst and Senior Data Analyst, which are the two most sought-after positions in the industry. When it comes to salary, Data Analysts are paid on an average between 60,000-80,000 per year. The dataset also shows that the highest-paying job in the industry is Lead Data Analyst, which pays above 80,000 per year but lacks job availability.

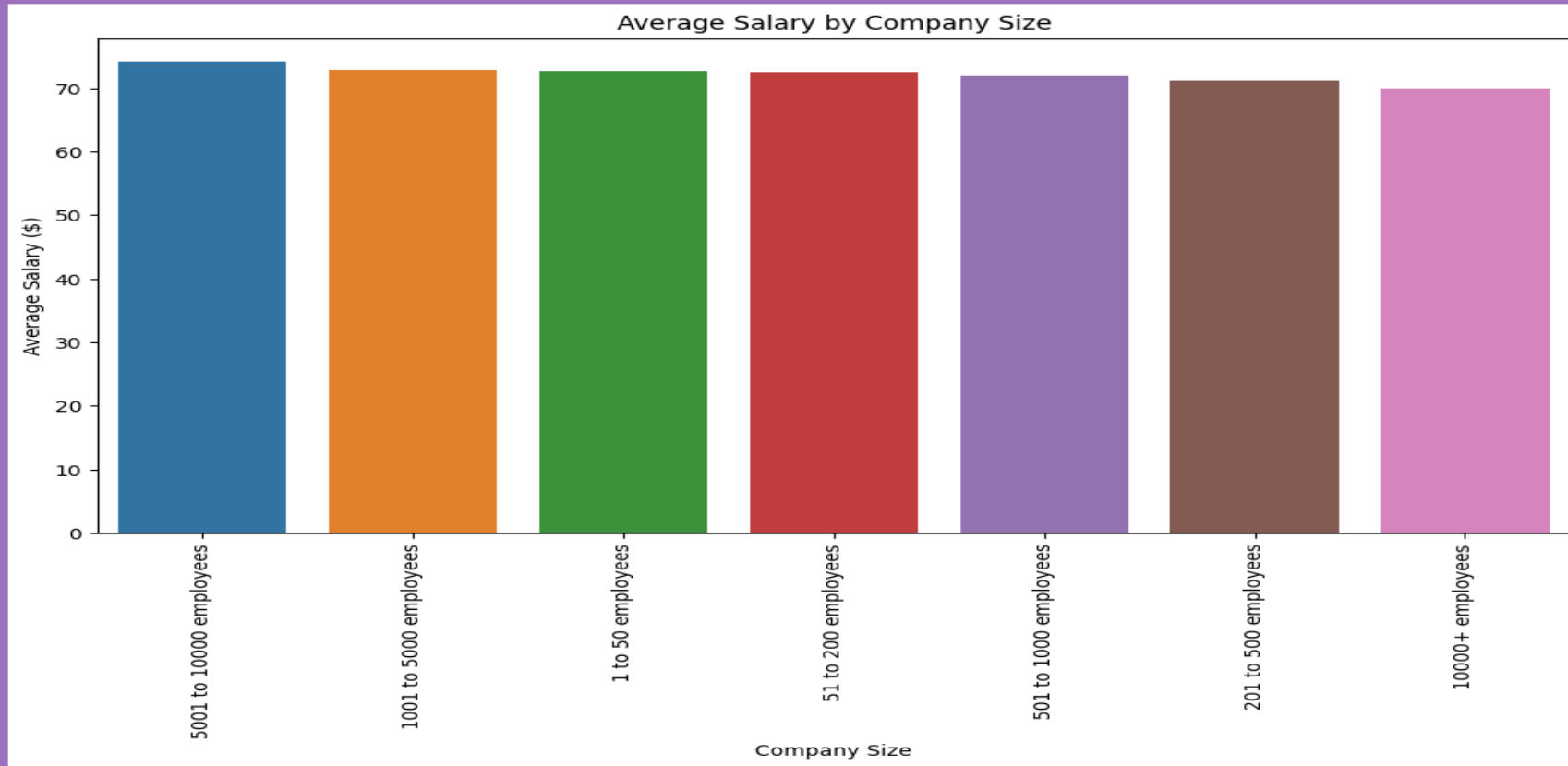


The dataset showed that the top locations and headquarters are the same. The job openings in New York is significantly higher compare to the job in Chicago.

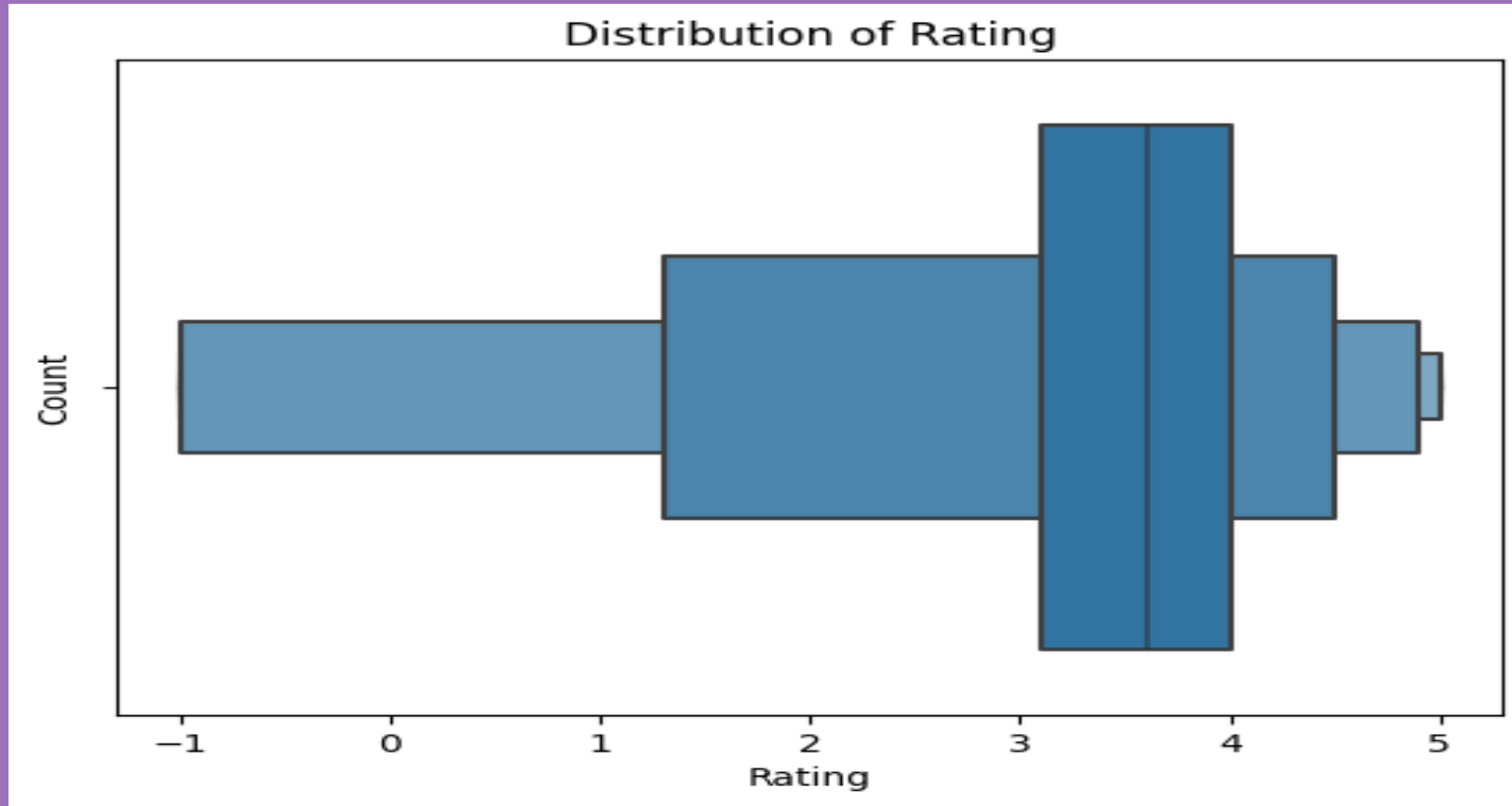
Looking at the salary correlation the top 5 locations that has a higher salary are all located in California.



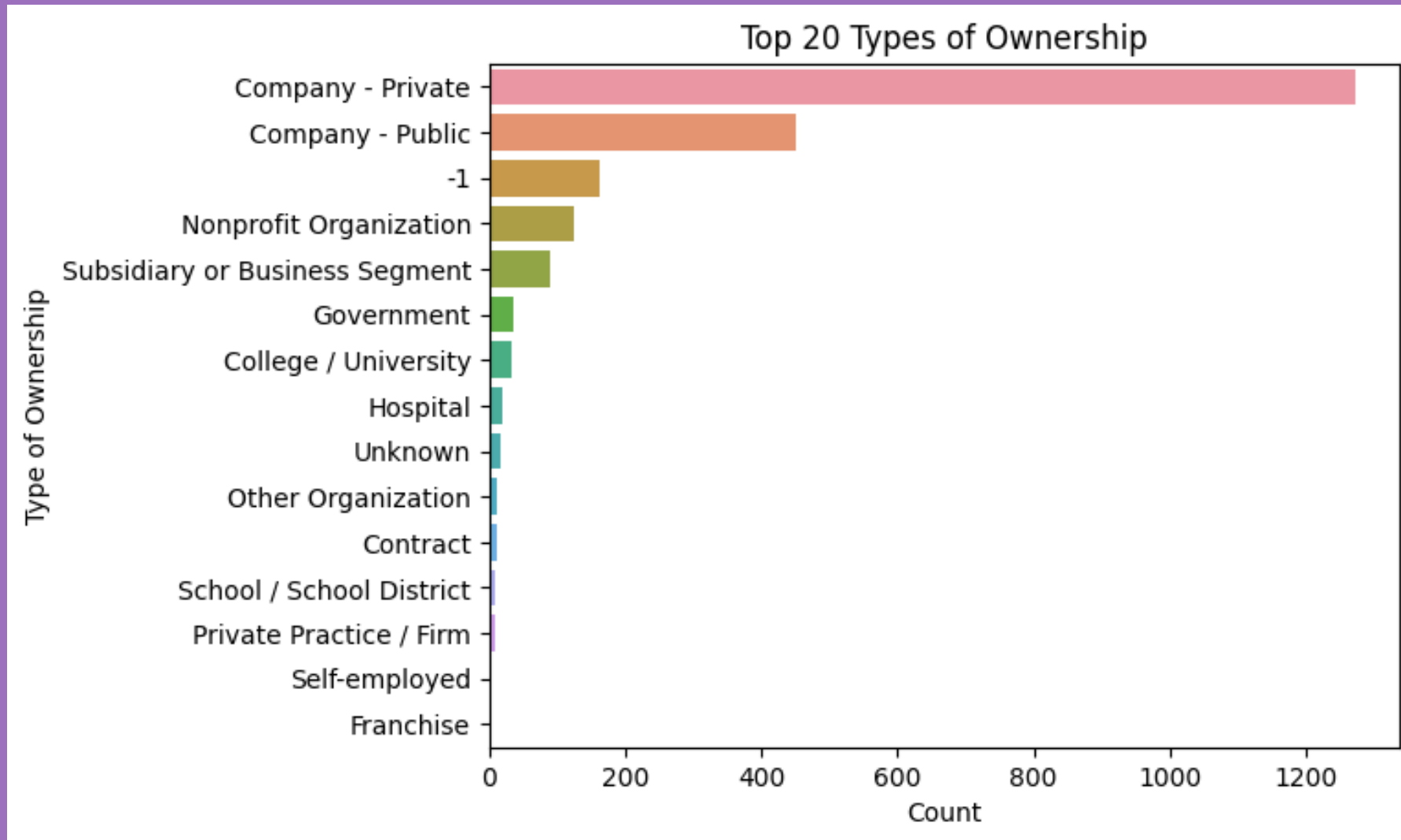
The company that has a biggest size which is around 5001-10000 employees has the smallest count. The company that has the highest count has around 51-200 employees. The smallest company size has a count of 350 and it's the same as the company that has around 1000 - 5000 employees. There is no significant difference between the company size and average salary in the dataset.



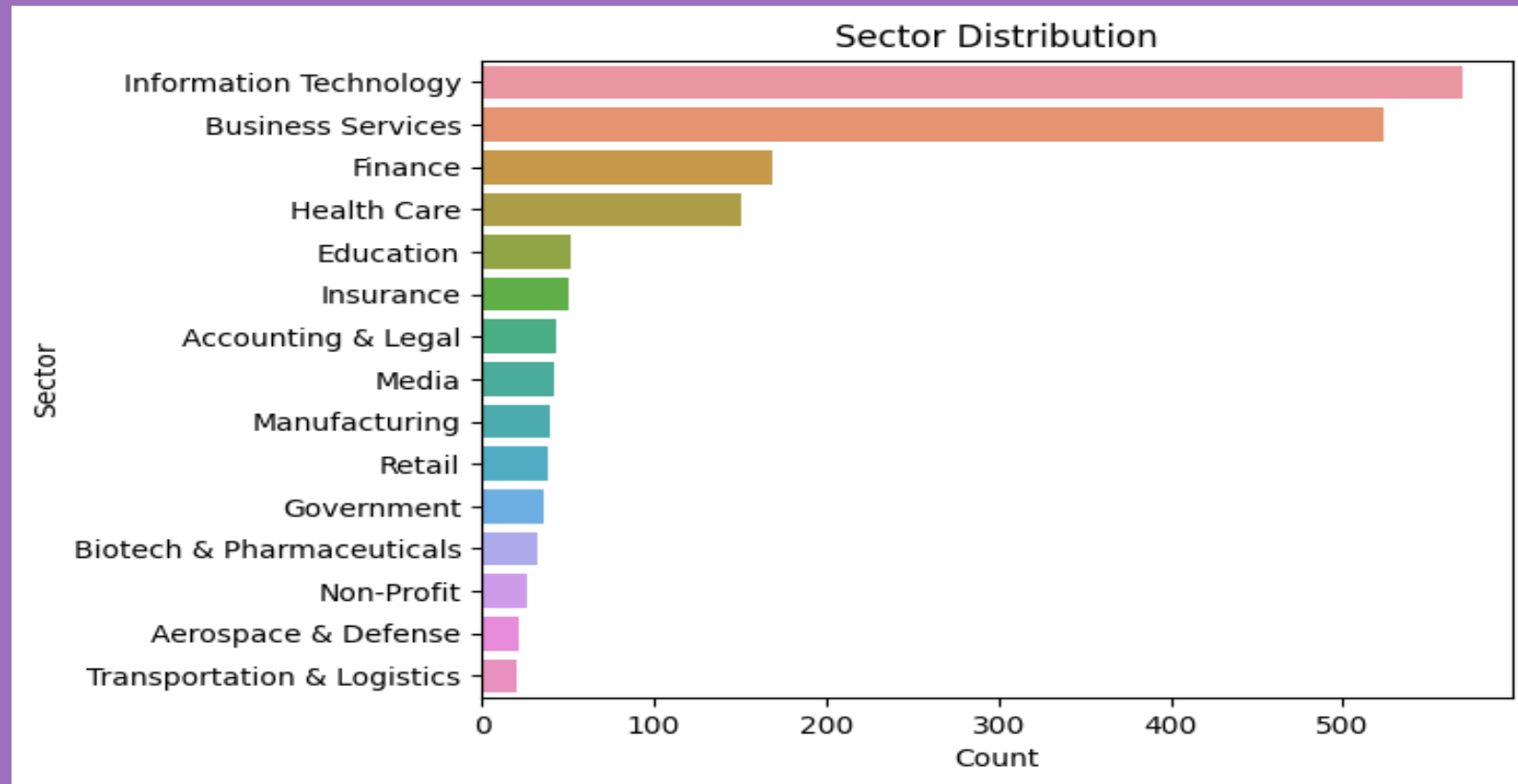
Based on the data, there are not a lot of companies that has 5000-10000 employees in the Data Analytics Industry. On the other hand the company that has more that 10000 employees has more than 350 which falls on 2nd place. The company size that has the most value counted is the company that has 51-200



The rating shows that the rating is between 3.0- 4.0 meaning that there is a data analyst jobs rating is fairly average.

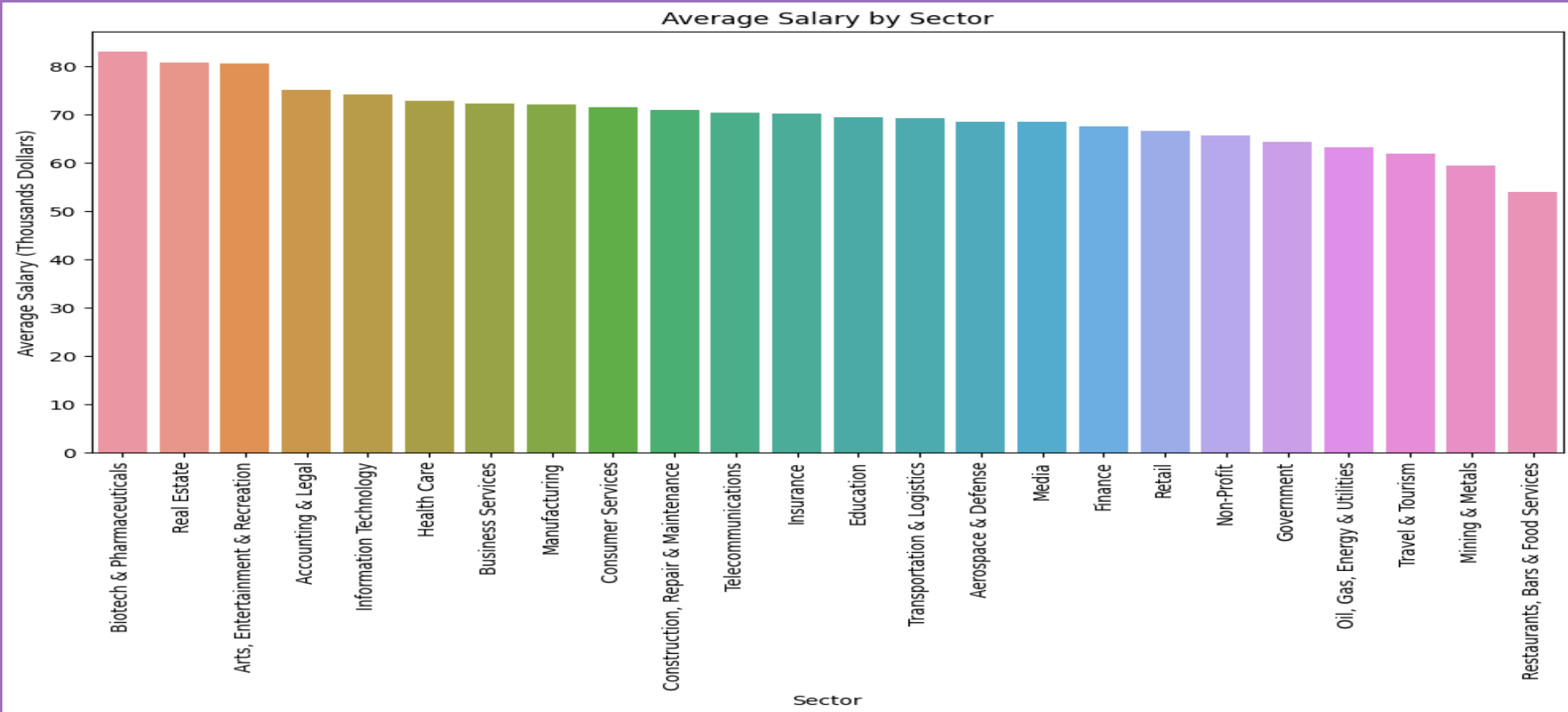


A significant amount of data falls on the Private sector, followed by public sector.



Top 5 Sectors Distribution Where Data Analyst Jobs are available

1. Information Technology
2. Business Services
3. Finance
4. Health Care
5. Education



Information Technology and Business Services dominated the sector distribution. On the contrary, in correlation with the average salary, the information technology only fell at the 5th place where the average salary is between 70K-75K annually. Biotech & Pharmaceuticals showed that this sector is the highest paying sector which pays more than 80K annually.

Thank You !!