

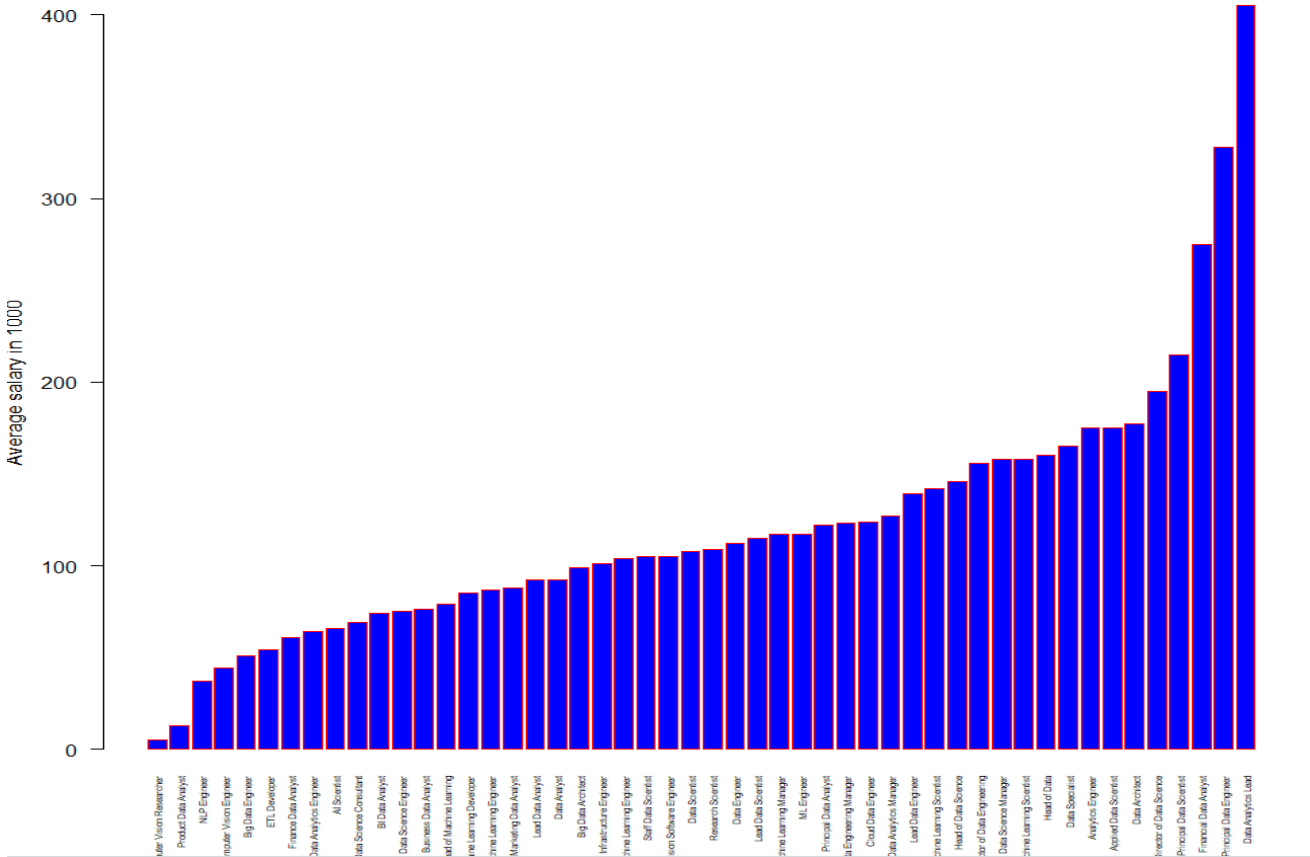
ASSIGNMENT

210409183

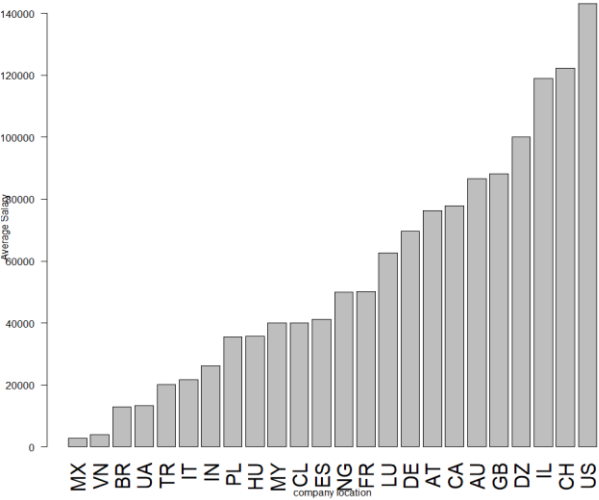
General Data summary

| Mean (\$) | Median (\$) | Standard deviation | Coefficient of standard deviation | summary (\$) | | | |
|-----------|-------------|--------------------|-----------------------------------|--------------|--------------|--------------|---------|
| | | | | Minimum | 1st quantile | 3rd quantile | maximum |
| 112298 | 101570 | 70957.26 | 0.63 | 2859 | 62726 | 150000 | 600000 |

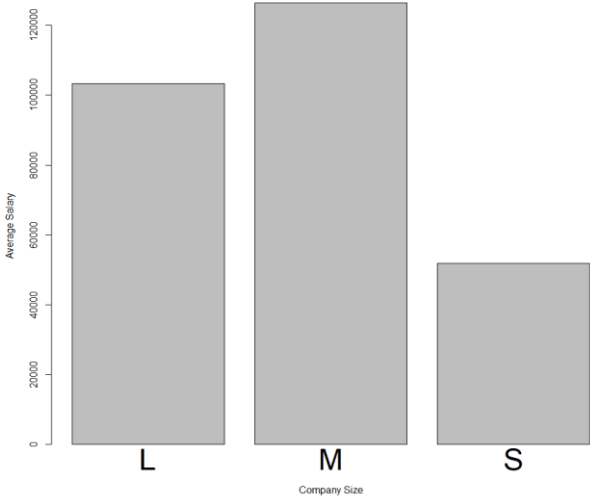
Average salary vs Job title (figure 1)



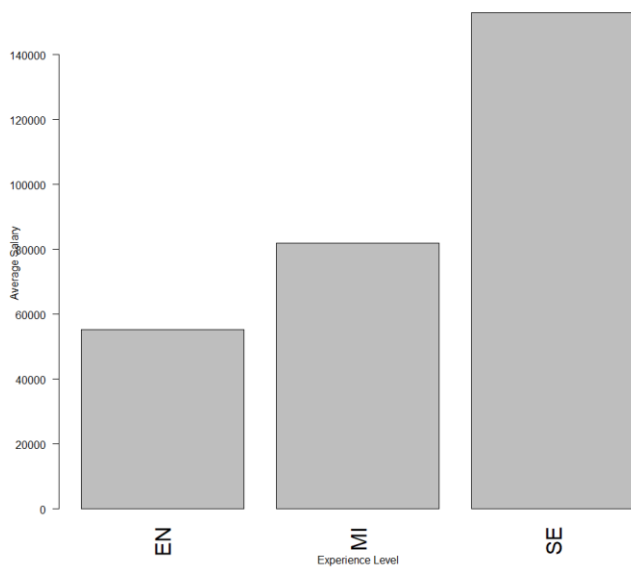
Salary vs company location for Data scientist (Figure 2)



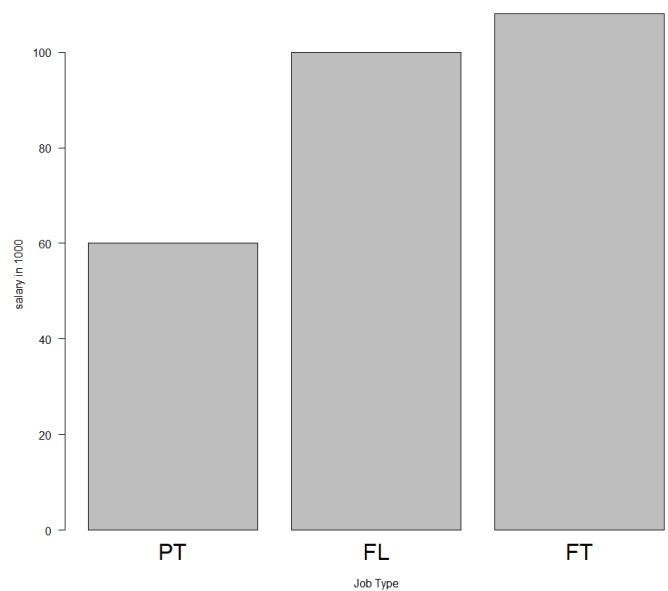
Salary vs Company size for Data scientist (figure 3)



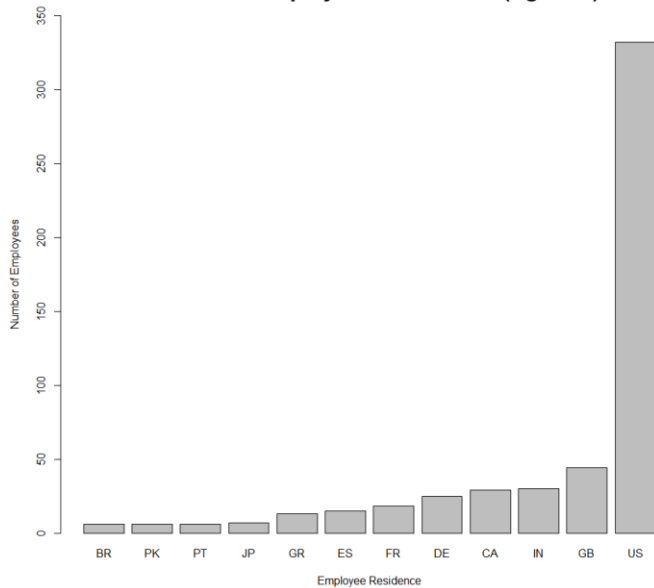
Average salary vs Experience level for Data scientist (figure 4)



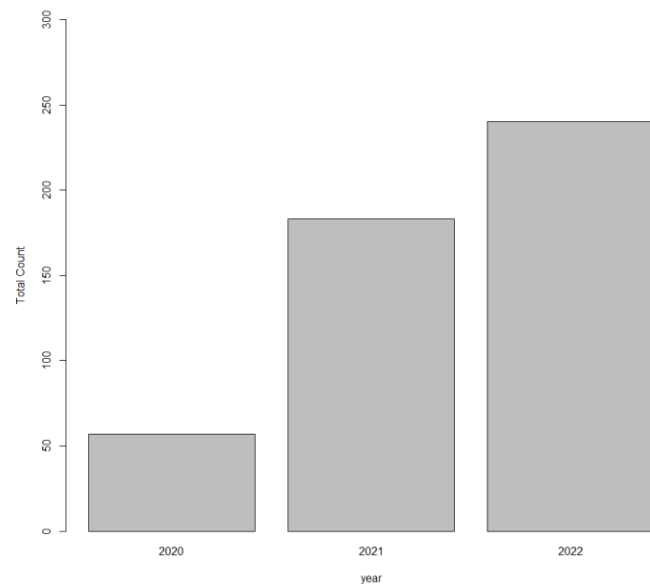
Average salary vs Employment Type for Data scientist (figure 5)



Number of Employees vs location (figure 6)



Number of Employee working Remotely VS Year (figure 7)



Results

- From the First bar chart what we can understand is that the job ‘Data Analytics Lead’ receives the highest salary and lowest one goes to ‘3D Computer Vision Researcher’. We could also be able to compare the salary profiles of other Jobs.
- The second graph shows that companies located in the US gives more salary to their Employees who work as a Data Scientist.
- It is very interesting to observe from the third graph that the Medium sized companies pay more salary to Data Scientist than large companies.
- As expected, employees having the longest Experience are given more salary than the rest of the group. Also, the salary of the full-time employees is higher than other groups. This is shown in the fourth and fifth bar graph respectively.
- In this sector, based on the given Data set, the highest number of employees are from US (graph 6).
- The last graph tells us that the number of employees working Remotely has increased since 2020.