

DATA SCIENTIST SALARY

PROJECT DESCRIPTION

The goal of this project is to better understand the salary of data scientists' based on their fields, locations and expertise.

This will help us to:

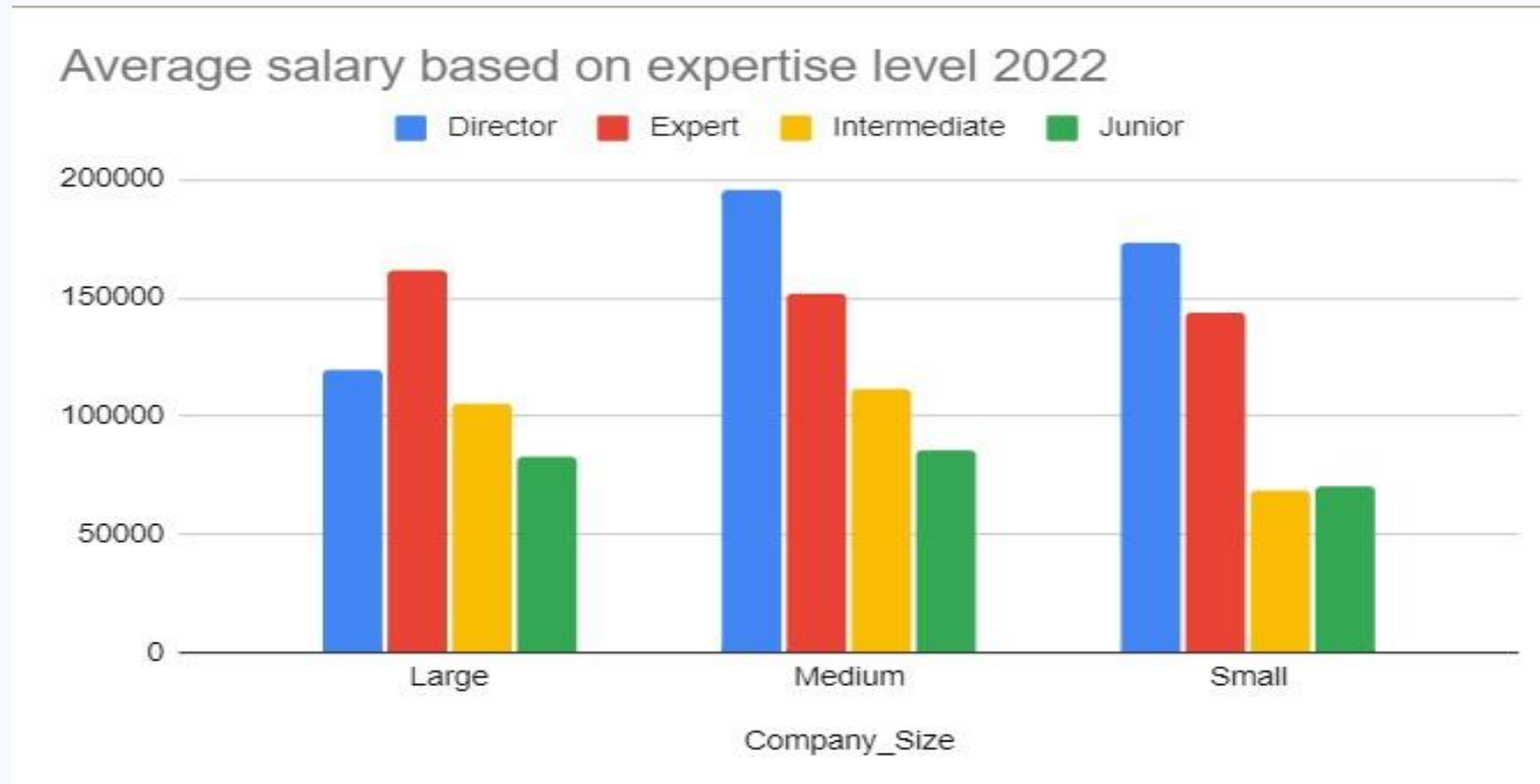
- Identify which job title in data science has the highest salary.
- Which country has the highest and lowest salary.

KEY QUESTIONS

1. What is the average salary on different company size based on expertise for 2022?
2. What is the average salary on different country based on expertise for 2020 to 2023?
3. Is there any changes in data scientists' salary throughout 2022 and 2023?
4. What is the highest salary for a data scientist?
5. What is the lowest salary for a data scientist ?
6. Which country has the highest salary in 2023?
7. What is the most popular data scientist job title in USA, UK And Canada in 2023?
8. Does the company size affect the salary?

FINDINGS AND INSIGHTS

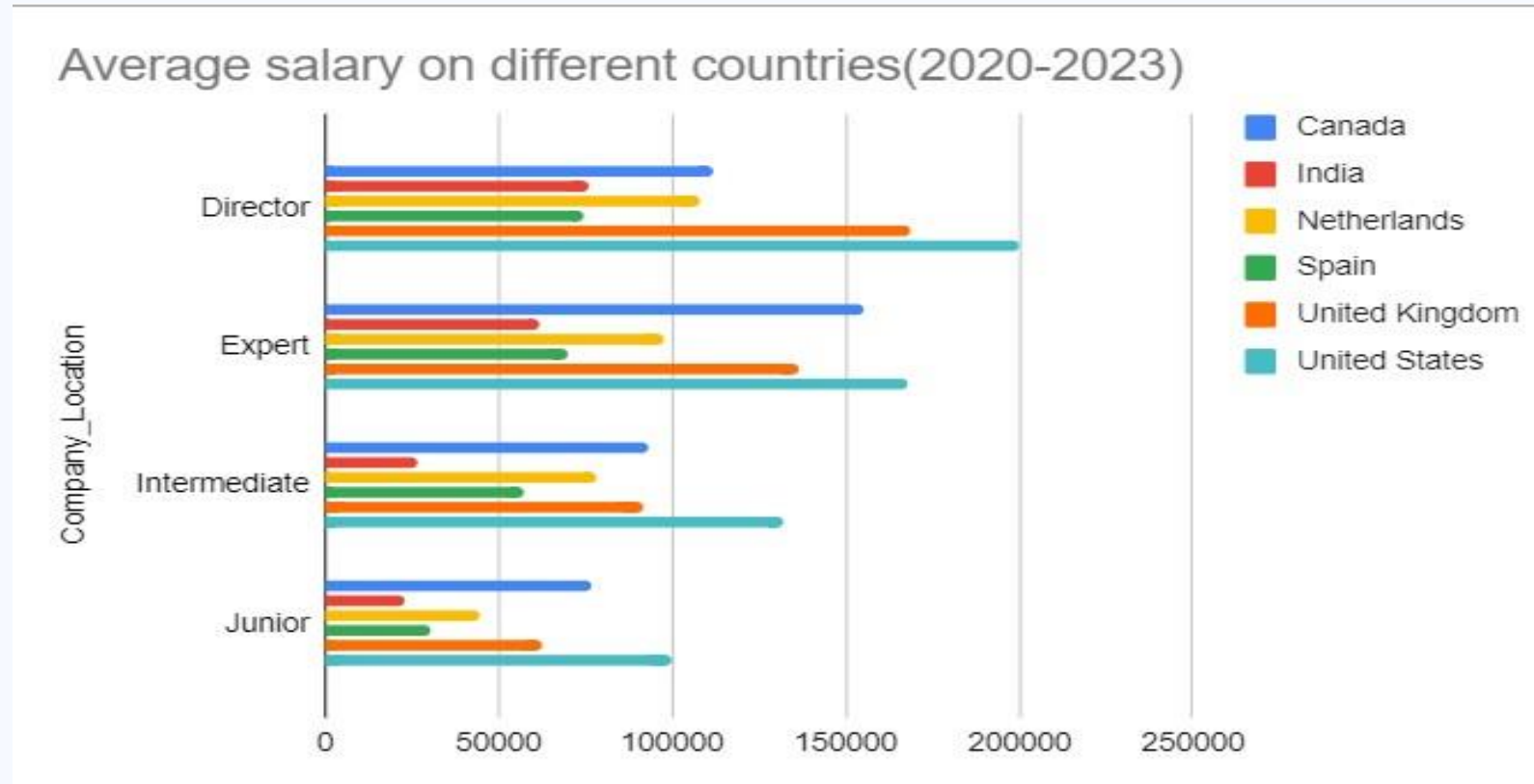
1. WHAT IS THE AVERAGE SALARY ON DIFFERENT COMPANY SIZE BASED ON EXPERTISE FOR 2022?



FINDINGS

- The average salary for directors is the highest in a small and medium company size.
- The average salary for experts is the highest within a large company in 2022.
- The average salary for intermediate is slightly higher in the a large company size.

2. WHAT IS THE AVERAGE SALARY ON DIFFERENT COUNTRY BASED ON EXPERTISE FOR 2020 TO 2023?

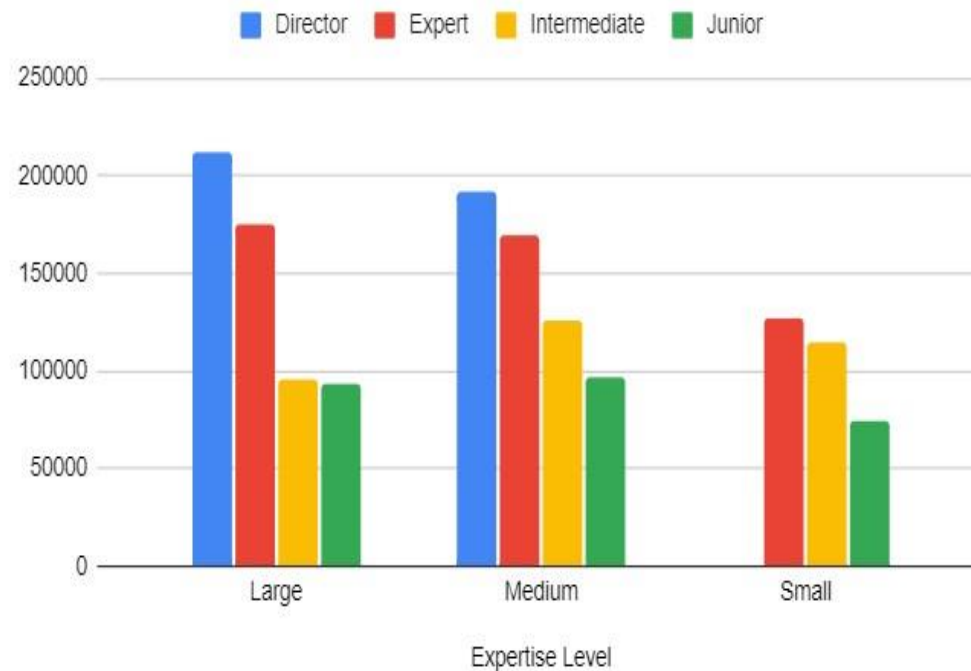


FINDINGS

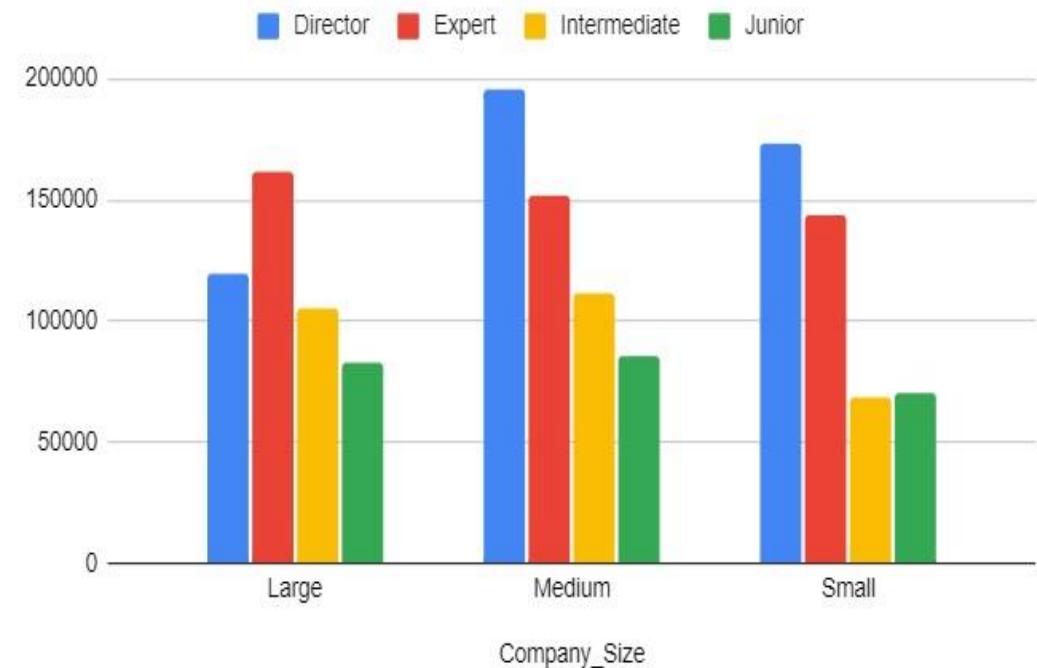
- The average salary for directors, experts, intermediate and junior is the highest in the united states.
- The average salary for experts in Canada is 154890\$ which comes right after the average salary for experts in the united states.
- In the UK, the average salary for directors, intermediates and juniors come after the unite states' average.

4. IS THERE ANY CHANGES IN DATA SCIENTISTS' SALARY THROUGHOUT 2022 AND 2023?

Average salary based on expertise 2023



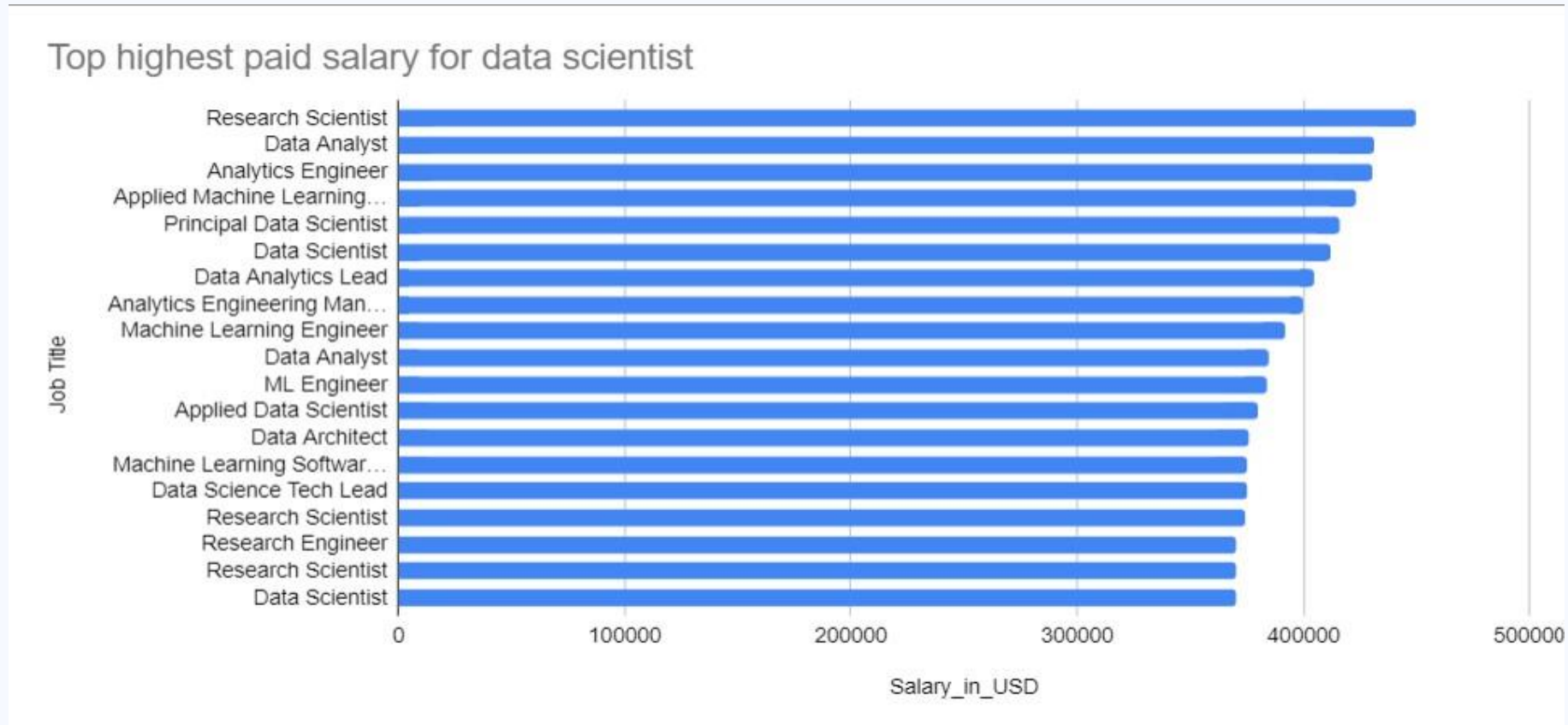
Average salary based on expertise level 2022



FINDINGS

- In 2023, the average salary for the directors within large companies has significantly increased and it has decreased in medium size companies compared to 2022.
- The director's salary is absent within small companies in 2023.
- The experts' average salary has increased within large and medium company and it has decreased within small company in 2023.
- The average salary for intermediate has increased within small company and it has decreased within large company.

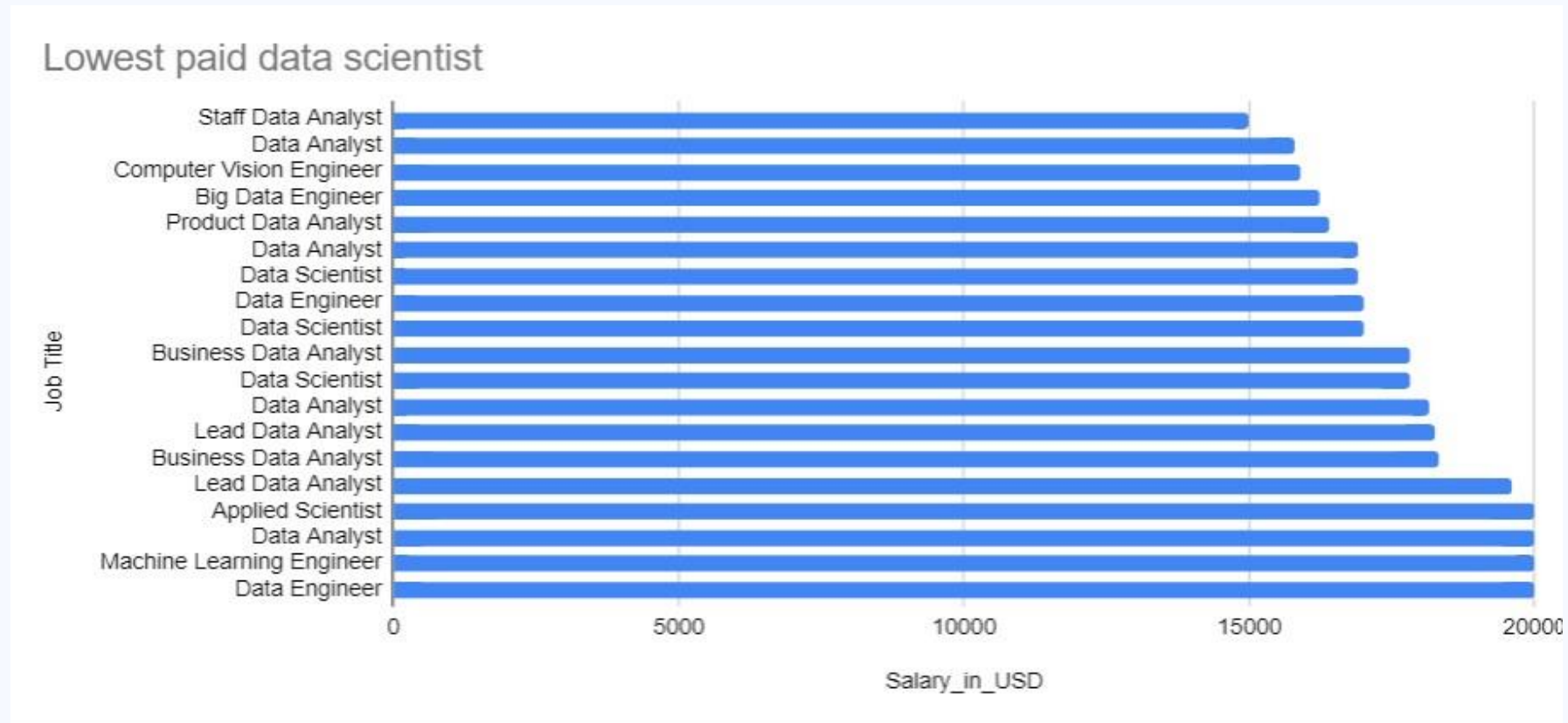
4. WHAT IS THE HIGHEST SALARY FOR A DATA SCIENTIST?



FINDINGS

- The highest paid salary for a data scientist(research scientist) in the dataset collected is precisely 450000\$ per year, followed by data analyst with a salary of 430967\$ per year.

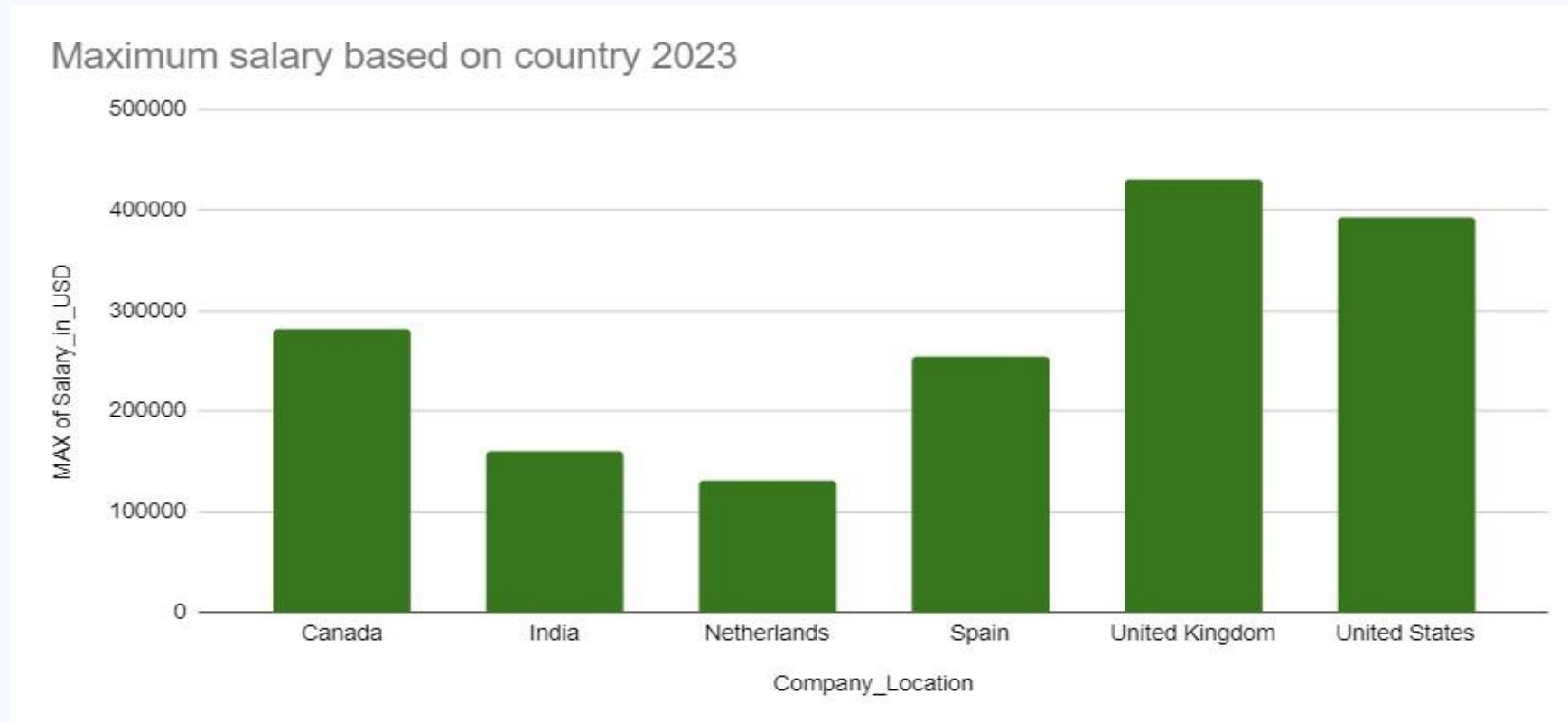
5. WHAT IS THE LOWEST SALARY FOR A DATA SCIENTIST ?



FINDINGS

- The lowest paid for a data scientist is 15000\$ per year as a staff data analyst.

6. WHICH COUNTRY HAS THE HIGHEST SALARY IN 2023?



FINDINGS

- United kingdom is the country that has the highest salary of 430640\$ per year in 2023, followed by the united state with a salary of 392000\$ per year and Canada which has a highest salary of 281000\$ per year.

7. WHAT IS THE MOST POPULAR DATA SCIENTIST JOB TITLE IN USA, UK AND CANADA IN 2023?

Most common data science job title in USA 2023

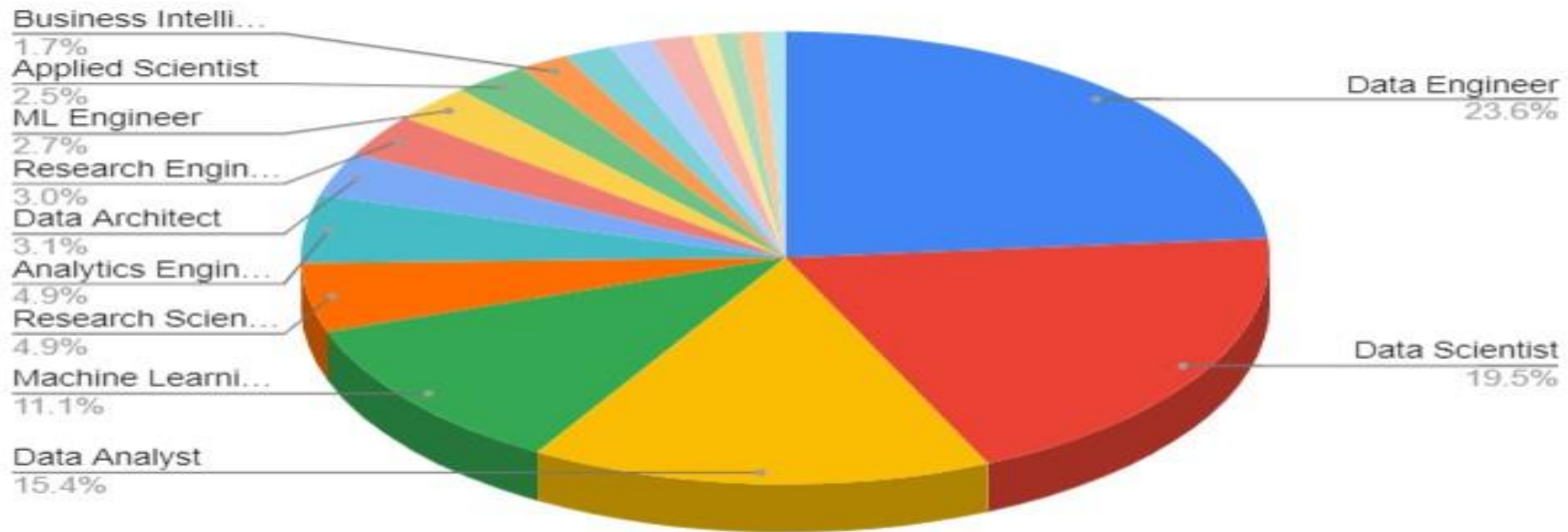


CHART FOR UK

Most common data science job title in UK 2023

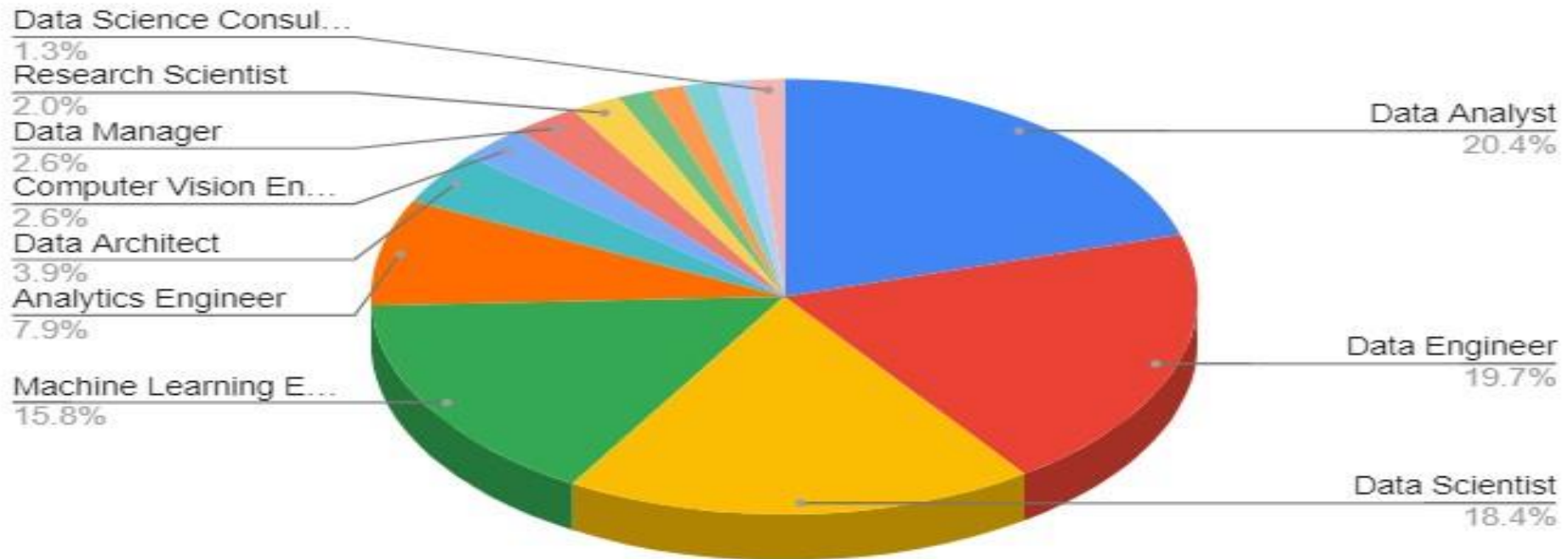
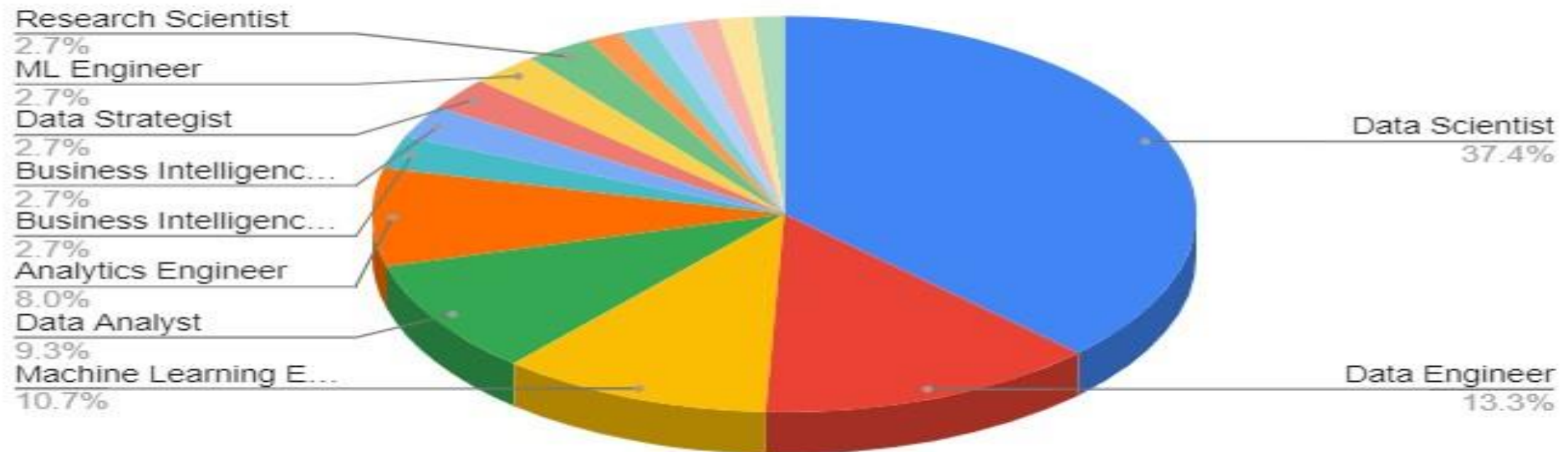


CHART FOR CANADA

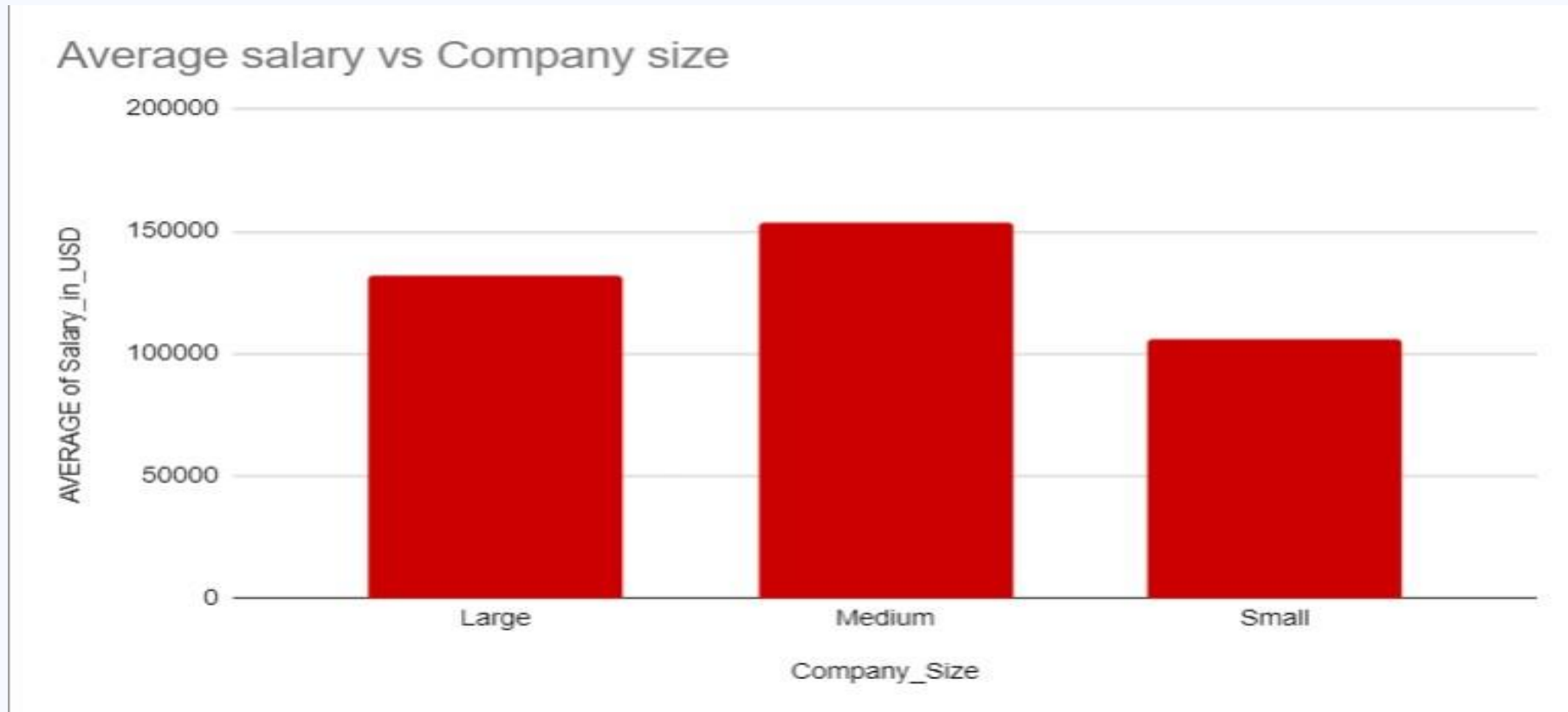
Most common data science job title in Canada 2023



FINDINGS

- In the USA, the most common job title is data engineer which consists of approximately 24% of the total job title.
- In the UK, the most common job title is data analyst which consists of 20,4% of the total job title.
- In Canada, the most common job title is data scientist which consists of approximately 37% of the total job title in 2023.

8. DOES THE COMPANY SIZE AFFECT THE SALARY?



FINDINGS

- The medium size companies seem to offer a higher salary than large and small companies size.

SUMMARY

SUMMARY OF FINDINGS

- **Top countries that have high salary for data science:**

- In conclusion, the united states have the highest salary pay rate, followed by the united kingdom and Canada.

- **Data scientist's salary:**

- As a director or expert data scientist, the salary can get up to 450000\$ per year. This can mostly happen when working within in large and medium company size in the United States..

- **Data scientist's most common job title:**

- After analysing the most common job title in USA, UK and Canada, we have a clear understanding that data engineer, data scientist and data analyst are the most repetitive common job title in the data science career.

ACTIONS AND RECOMMENDATIONS

RECOMMENDED ACTIONS:

- For anyone who wishes to start a career in data science and look forward to maximise his or her chance to obtain a good salary, it is recommended to achieve an experts level of experience and try to get a job in the following countries which are the united states, United Kingdom and Canada.

THANK YOU