

# Salaries in high-tech Analysis

Dataset source: Kaggle.com

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## Introduction:

In recent years, many young people are interested in the various high-tech positions. Some argue that one of the reasons for this is the high salaries.

But since there are many subfields in this field, there are significant wage gaps between the various positions.

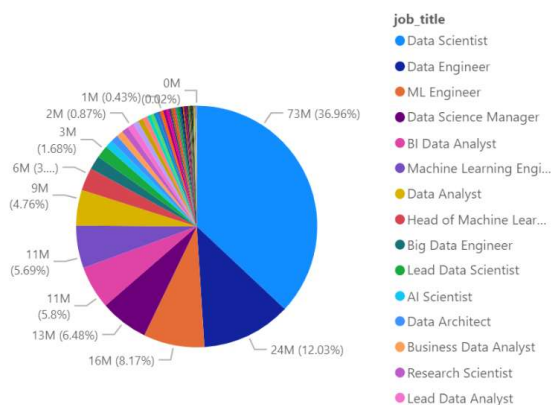
This analysis will refer to the differences between salaries according to criteria such as seniority, position and even the size of the company.

## Research Questions:

- which role is the most popular?
  - Does the location of the company affect the level of salaries?
  - Is it correct to claim that salaries increase as seniority increases necessarily?
  - From which employee type do salaries increase significantly?
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- Is the salary in high-tech affected by the number of people interested in working in this field?

# Findings:

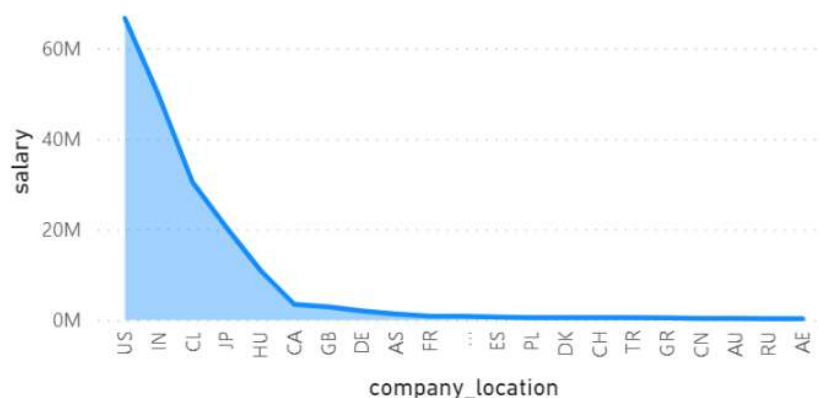
## Research Question 1



The most popular role is Data Scientist. The reason could be the high salary that paid for employees in this position, the need for this people in the different companies or a combination of the two.

## Research Question 2

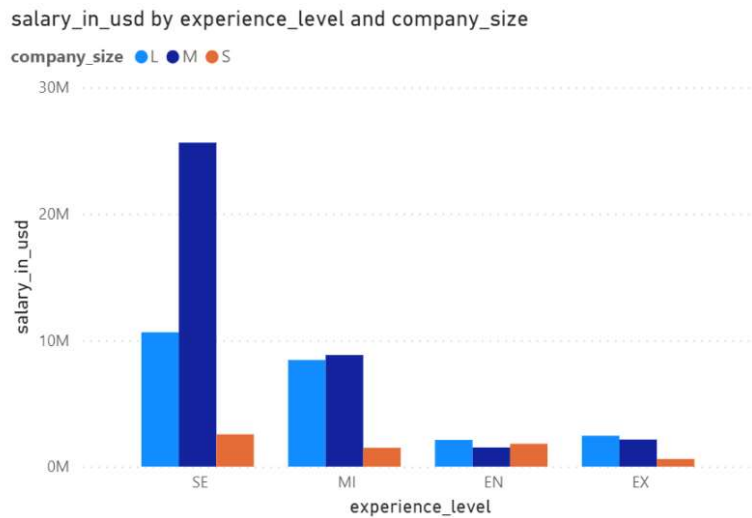
salary by company\_location



It can be concluded that the countries where high-tech employees earn the highest salaries are the United States and India.

Although Israel is among the leading countries in the field of high-tech, its salaries are not high compared to other countries

### Research Question 3



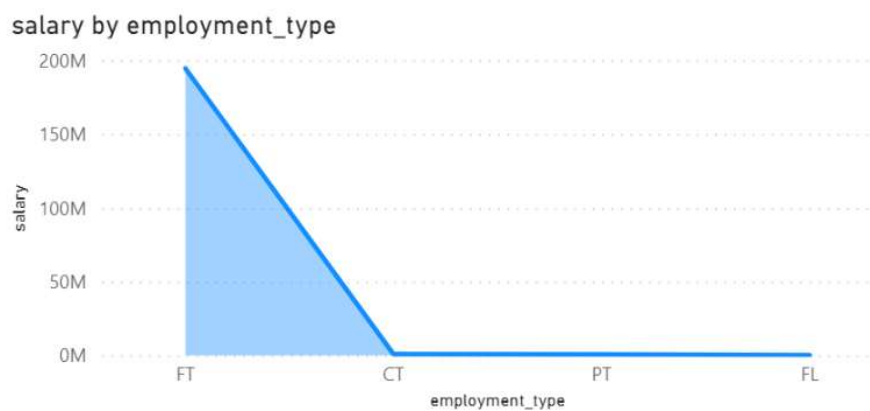
As an employee ranks in a more senior position, he earns a higher salary, but not necessarily.

An employee in a small company will not necessarily earn more in a more senior position.

For example, an employee in an executive position (EX) can earn less than an employee in an entry-level position (EN) in a small company.

Therefore, there is a significance to the size of the company and not only to the experience level.

### Research Question 4



According to this graph, it can be concluded that the salary increases significantly when the employment type is full time.