

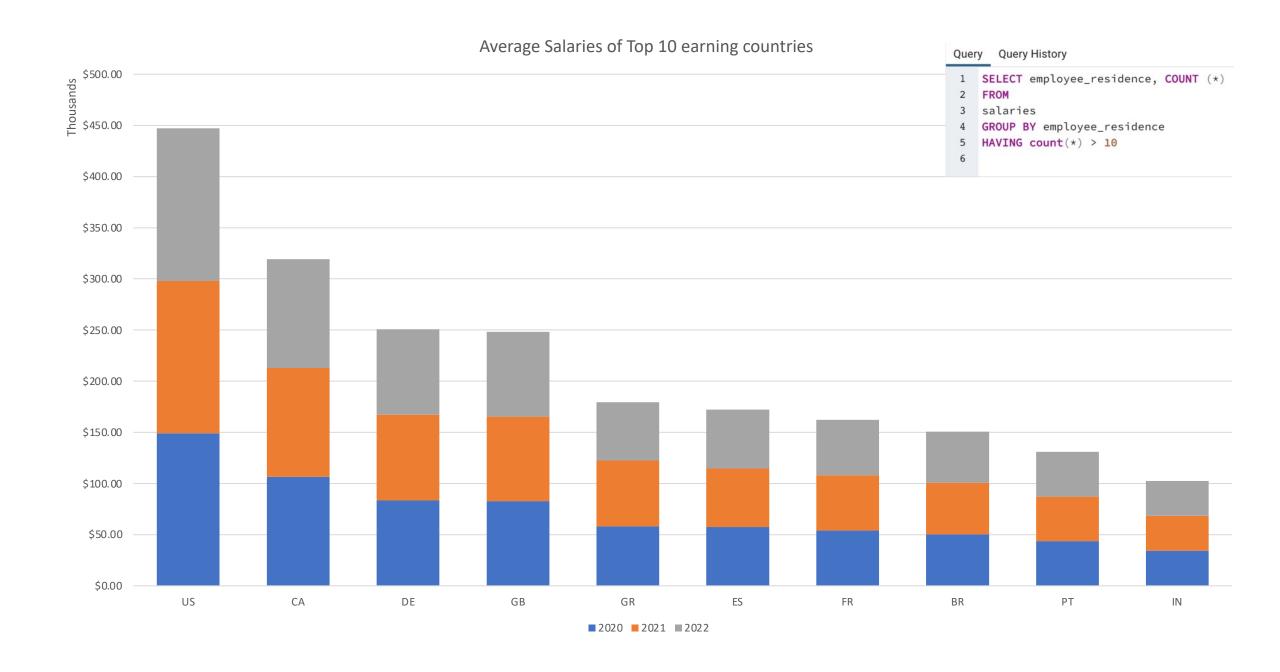
Salaries Of ML/AI Tech Jobs Around The World



Research Question

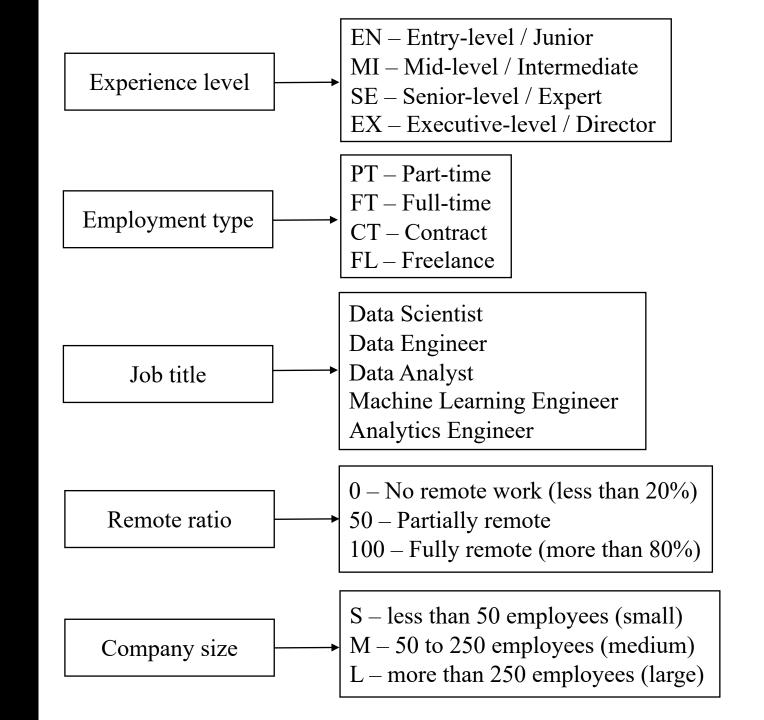
What are the factors that influence salaries for ML/AI professionals in the US?

Which countries offer competitive salaries that can be leveraged to lower the cost of talent acquisition?



Dataset

- ML/AI Salaries
- Collected and made available at <u>ai-jobs.net</u>.
- 11 columns and 2532 rows
 - Work year
 - Salary
 - Salary currency
 - Salary in usd
 - Employee residence
 - Company location





- Analyze and compare the salaries (results) of ML/AI professionals in other countries with those in the United States to identify the countries that offer competitive salaries.
- We will use the SQL for analyzing this dataset. (Update the results based on the updated dataset which includes 2023 salary information.)

Query Query History

1 SELECT work_year
2 job_title,
3 salary_in_usd,
4 employee_residence
5 FROM salaries
6 WHERE employee_residence = "US"
7 ORDER BY work_year, salary_in_usd DESC

	work_year integer	job_title character varying (50)	salary_in_usd integer	employee_residence character varying (50)
1	2020	Research Scientist	450000	US
2	2020	Data Scientist	412000	US
3	2020	Director of Data Science	325000	US
4	2020	Machine Learning Engineer	250000	US
5	2020	Data Science Manager	190200	US
6	2020	Lead Data Scientist	190000	US
7	2020	Data Engineer	188000	US
8	2020	Machine Learning Engineer	150000	US
9	2020	Data Scientist	138350	US
10	2020	Machine Learning Engineer	138000	US

Visualizations

- <u>Tableau</u> is a data visualization and business intelligence software
- Offers an intuitive interface for creating interactive dashboards, reports, and charts
- Connects to various data sources, including spreadsheets, databases, and cloud platforms
- Supports collaboration and knowledge sharing through teamwork features





Timeline

- Feb 6th Feb 10th: Found research paper and created slides for proposal
 - o Feb 6th: Collect and explore a new dataset
 - Feb 7th Feb 10th: Worked on slides for final project proposal and defining a new analysis task
- Feb 13th Feb 24th: Proposal presentations
- Feb 28th March 23rd: Implementing and developing algorithms and features
 - o Farnoosh, Seyedhadi and Allie: Test dataset to get main results
 - o Farnoosh: Find other approaches have been proposed and test them, finally develop a new strategy
 - Seyedhadi and Allie: Investigate, analyze and come to research findings
- March 27th April 11th: Work on final project presentation