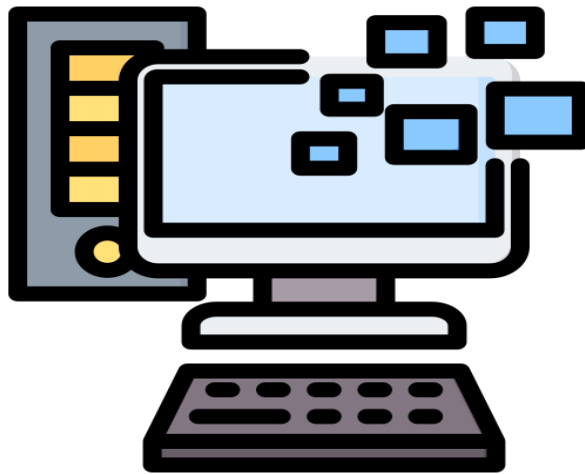


01



# DATA SCIENTIST COMPENSATION

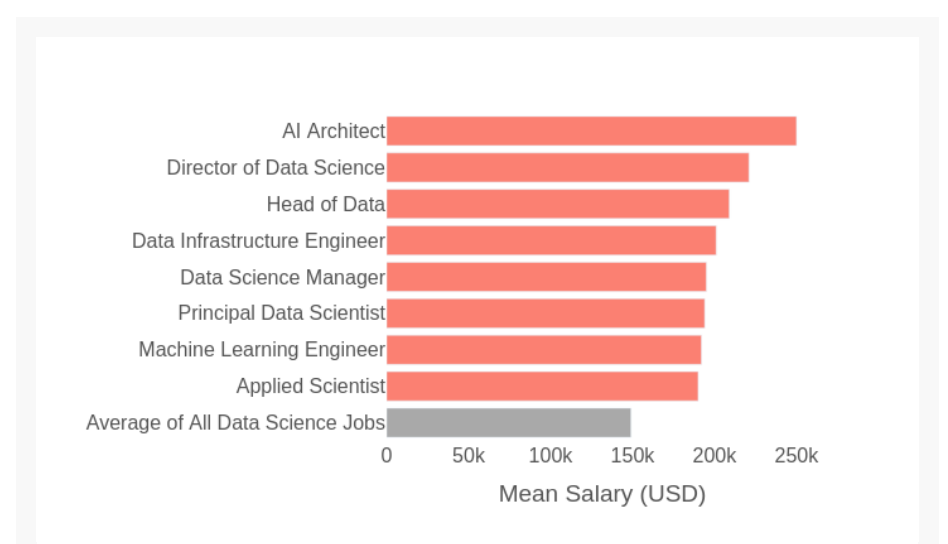
By Ariana DeBoer, Rija Masroor, Shannon McGuire, and Yera Park

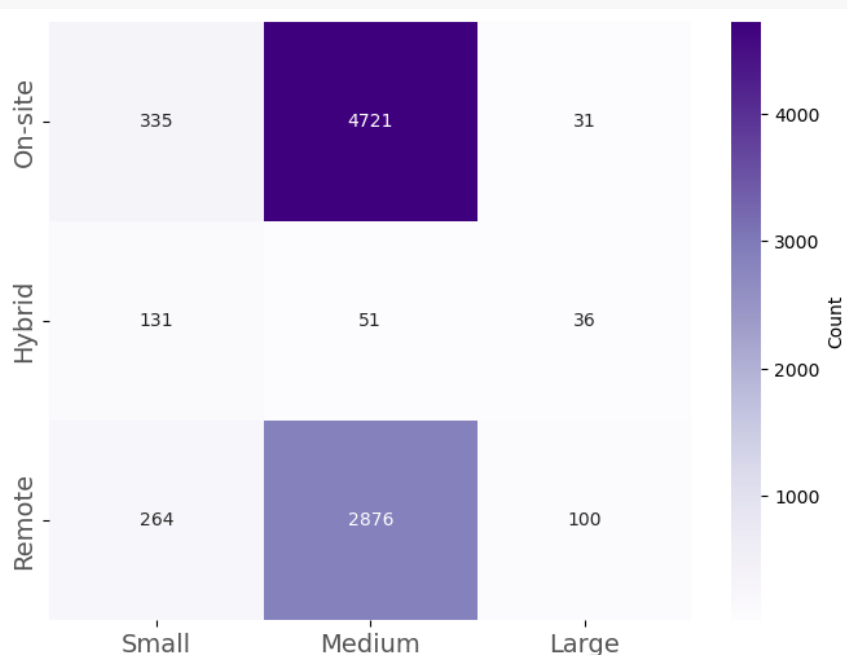
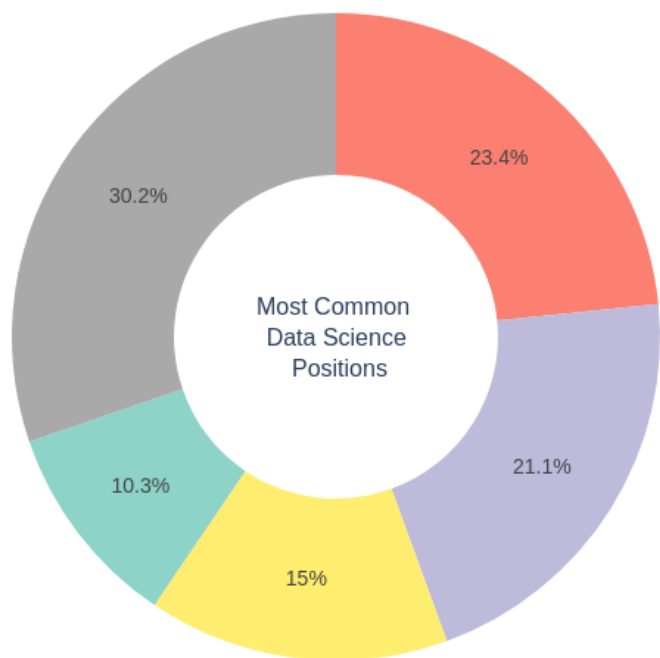
[Link to dataset](#)

Above is a public domain dataset compiled on ai-jobs.net that collects data anonymous from professionals in the field of data science.

Using this dataset, our team revealed valuable insights regarding compensation for data scientists.

See the results of our investigation below!





## OUR VIZUALIZATIONS

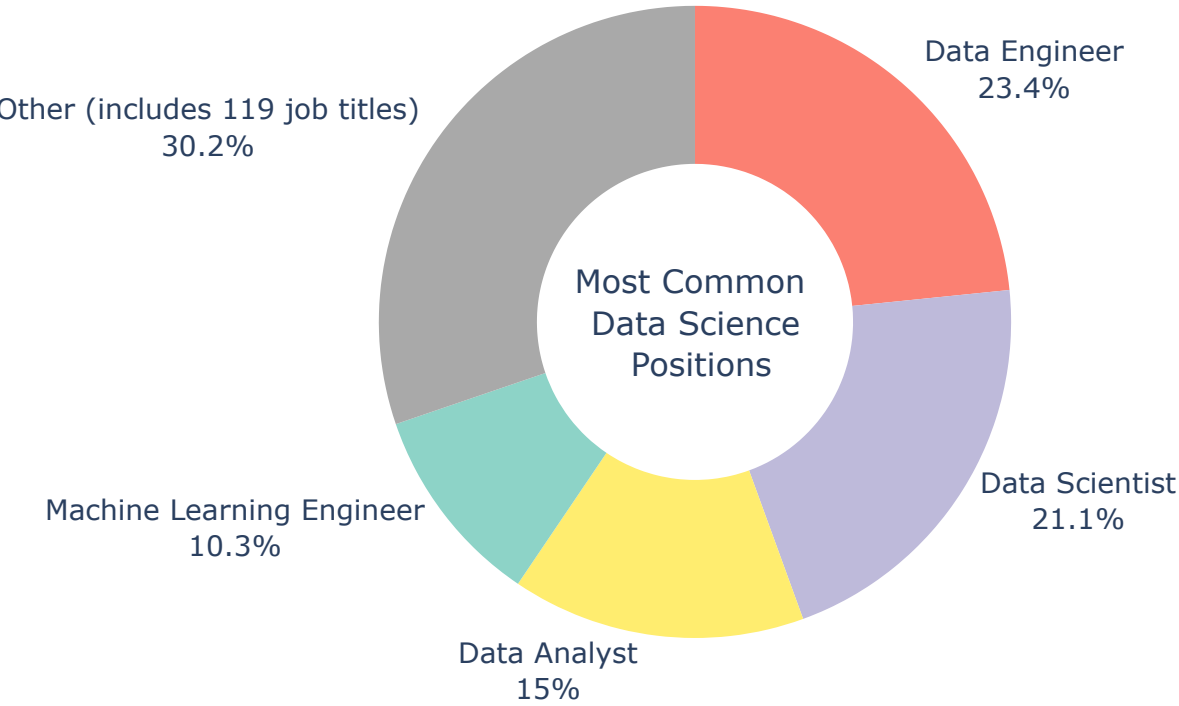
As a data science major, you must be wondering: what does the job market look like? What are the positions available? Which ones pay most? How many years of work before the best roles become available? Fear not, young data scientists! Our investigation opens a path forward.

Scroll down and hover over graphs to view specific information.

# WHERE WILL I END UP?

Of the nearly 9,000 data science jobs recorded in our analysis, 70% fell into the categories of Data Engineer, Data Scientist, Data Analyst, and Machine Learning Engineer.

Of the four main jobs, Data Analysts generally have the lowest salaries, with the average being \$110k annually, since they are often entry-level positions, while the more advanced position of Machine Learning Engineer makes a much higher \$186k on average. Other jobs included various leadership posts and specialized positions dealing with areas such as AI or finance.



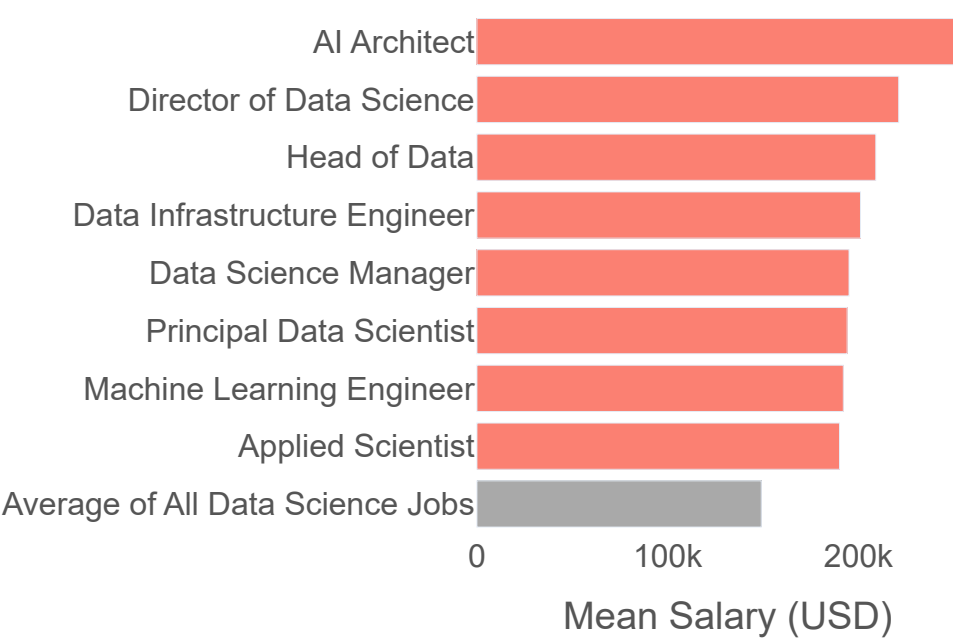
## Job Titles

Job Titles	Job Descriptions
Data Engineering	A field that involves cleaning data and managing databases
Data Scientists	Use data to make predictions about the future.
Data Analysts	Use data to discover trends, often for marketing purposes
Machine Learning Engineers	Advanced Data Scientists focused on using statistical programs to model large quantities of data and make predictions using the models.

# WHERE ARE THE BIG BUCKS?

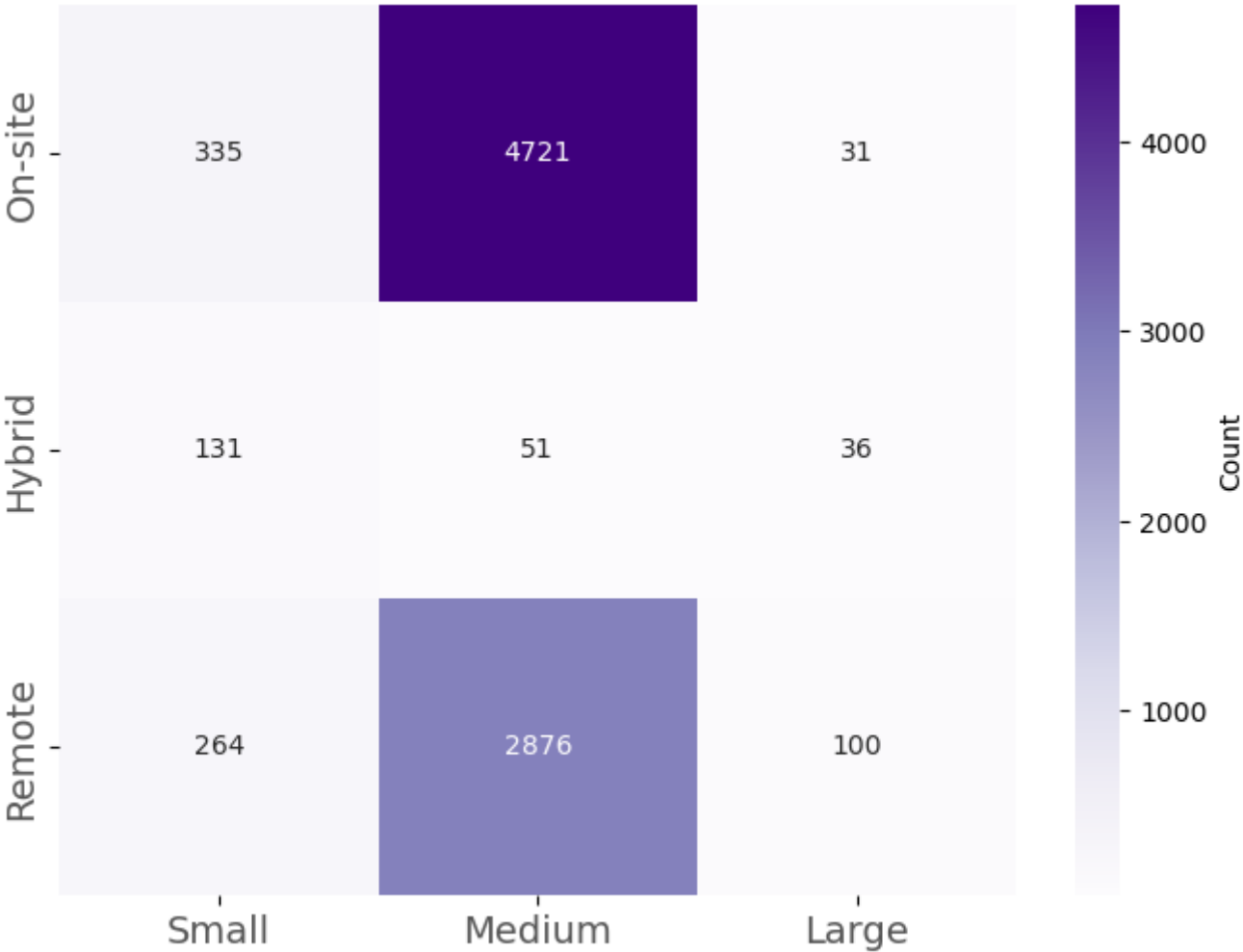
Unsurprisingly, many of the top data jobs are leadership positions, such as managers and directors. The rest are all positions

that require high levels of experience. The top paying job, AI Architecture, is an emerging field with an average salary of \$250k. The position’s high pay is due to its requirement of experience in multiple complex areas including machine learning and database management. Only job titles with at least 10 records are included in the graph.



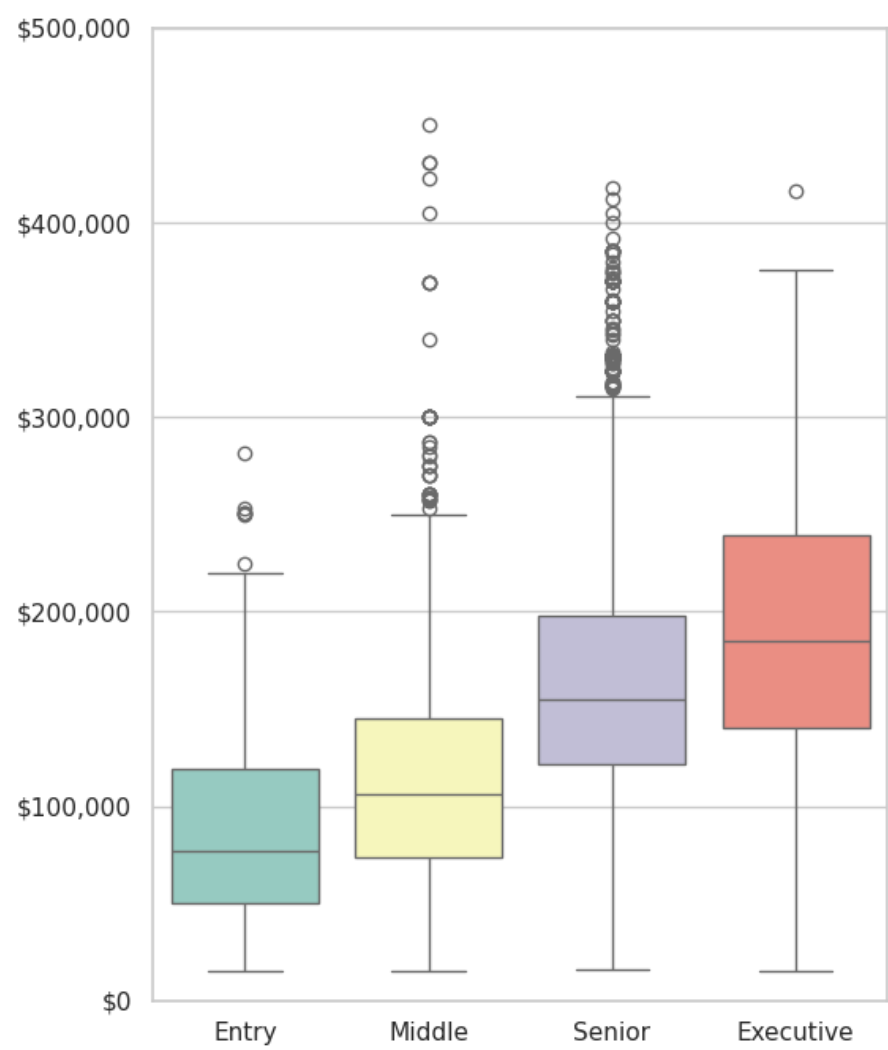
## WHERE ARE THE REMOTE JOBS?

Since the COVID-19 pandemic, remote work is a much greater component of the economy, but 40% of jobs in our dataset are still in-person, which is defined as jobs that require employees to be in the office more than 80% of the time. The dream of all jobs being remote has not yet come true.



# WITH GREAT SALARY COMES GREAT RESPONSIBILITY

As expected, compensation rises with seniority level. But take a look at the outliers for the mid level roles – with the right skill set, mid-level positions can potentially yield earnings surpassing the average salaries observed in senior and executive roles. This highlights the significance of variation at influencing compensation outcomes, especially at intermediate career stages.



Delving into salary data across 5 countries, [the dataset](#) we analyzed encapsulates the dynamic landscape of data science careers.

From the meticulous world of Data Engineers to the visionary realm of AI Architects, we dissect nearly 9,000 roles, extracting invaluable insights into positions, salaries, and the ever-evolving nature of the data science job market.

© 2023 All Rights Reserved.

Design by  
[Free Html Templates](#)

[Computer icons created by monkik - Flaticon](#)  
[Computer icons created by Uniconlabs - Flaticon](#)  
[Data analytics icons created by vectorspoint - Flaticon](#)