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Total Skills

per Job Title

Job Title	Python	SQL	R	Tableau	Statistics	Spark	TensorFlow	NLP	AWS
Data Analyst	112	240	76	132	164	16	2	5	43
Data Engineer	7	9	4	2	3	2	1	1	6
Data Manager	10	9	6	7	7	2	1	1	2
Data Science Intern	10	7	6	4	10	0	0	2	4
Data Scientist	237	177	141	66	227	67	52	60	82
Data Specialist	1	8	2	3	9	0	0	0	6
Other Data Science Role	21	20	11	12	26	7	3	3	11
Total	398	470	246	226	446	94	59	72	154

From the table, we can clearly see the Job Title that has a high-demand for employees with SQL skills is for Data Analyst.

The total number of job postings per role (if we look at the sum of skills for each role, but note that one job posting may have multiple skills) shows that Data Analyst and Data Scientist are the most prevalent roles in the dataset.

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Total Sum of Skills

Found in Jobs Dataset

Python	SQL	R	Statistics	NLP	Machine-Learning	Tableau	TensorFlow	Spark	AWS
398	470	246	446	72	261	226	59	94	154

In the category of sought-after skills, SQL leads the ranking with a total of 470 listings alone. Followed by Statistics, having 446, then by Python at 398 listings. This proves that foundational data skills such as these three are critical and are in high-demand across the board.

We also have Tensor flow with the lowest amount of listings by 59, which is notably not a heavily required skill to look for.

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Amount of Companies

With Job Listings per Title

Job Titles	Count of Companies
Data Analyst	388
Data Engineer	12
Data Manager	16
Data Science Intern	19
Data Scientist	286
Data Specialist	25
Other Data Science Role	44
Total	790

The demand for Data Analysts and Data Scientists is significantly higher than for other roles.

The roles of Data Engineer, Data Manager, and Data Science Intern are relatively niche in terms of the number of companies hiring for these positions.

The data suggests that many companies are focusing on hiring for data analysis and data science roles, which are the core of data-driven decision making.

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Platforms

Of Job Title Listings

Platforms	Count of title
Company Website	292
Linkedin	189
Simplyhired	79
Ziprecruiter	66
Salary.Com	41
Built In	21
Adzuna	20
Glassdoor	20
Startup Jobs	20
Greenhouse	14
Total	790

Almost half of the job listings are posted on company websites or through other direct channels. This suggests that many companies prefer to recruit directly, possibly to save on costs or to have more control over the process.

With 24% of the listings, LinkedIn is the most popular third-party platform for job postings. This highlights its importance in the professional networking and job search ecosystem.