Filters

Job Title
All ⌄

Job Position Level
All ⌄

Company Name
All ⌄

Company Size
All ⌄

Company Industry
All ⌄

Job Posting Date
1/1/2017 — 12/31/2021

Data Science Job Market Insights

Skills Overview

281 Distinct Count of Skills

8561 Job Postings with Skills

🏠 Home

Skill Count (bar chart)

Skill	Count
sql	4.3K
python	3.5K
aws	3.0K
machine_le...	2.0K
azure	1.8K
cloud	1.8K
programmi...	1.6K
etl	1.5K
cloud	1.4K
tableau	1.0K
spark	0.9K
agile	0.8K
microsoft	0.8K
snowflake	
java	
database	
bi	
redshift	
hadoop	
r	

Job Skills ● aws ● azure ● cloud ● etl ● machine_l... ● progra... ● python ● sql ▶

(Line chart: % Skill in Posting vs Year, 2017–2021, scale 20%–60%)
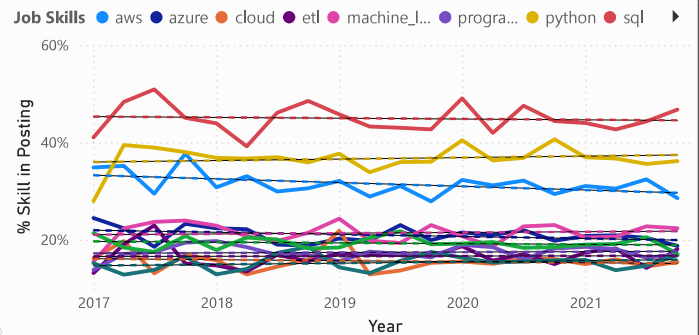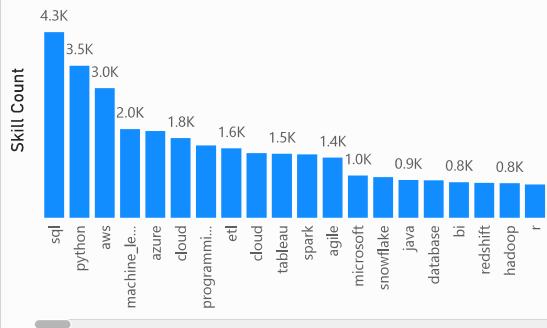
Percentage a Skill Included in Job Posting

Job Skills	Business Analyst	Data Analyst	Data Architect	Data Engineer	Data Science Manager	Data Scientist	Machine Learning Engineer	Research Scientist
sql	17.17%	70.17%	90.23%	50.66%	73.91%	43.07%	21.20%	10.00%
python	1.99%	35.42%	36.28%	49.60%	91.30%	44.87%	71.02%	30.00%
aws	1.69%	5.86%	38.60%	67.36%	69.57%	14.91%	43.11%	12.50%
machine_learning	1.44%	8.42%	7.91%	17.04%	91.30%	48.67%	90.81%	37.50%
azure	1.84%	3.84%	11.63%	49.02%	8.70%	6.80%	9.89%	13.75%
cloud	8.31%	4.58%	32.56%	37.61%	4.35%	7.25%	21.91%	17.50%
programming	2.79%	14.41%	31.63%	23.74%	56.52%	19.86%	23.32%	35.00%
etl	1.79%	13.20%	55.81%	32.73%	4.35%	4.85%	3.53%	
cloud	3.68%	7.34%	15.35%	28.25%	17.39%	11.71%	15.55%	7.50%
tableau	8.61%	42.49%	9.77%	10.43%	17.39%	13.71%		3.75%
spark	0.20%	4.04%	33.95%	26.29%	8.70%	16.31%	28.27%	3.75%