

# Data Science Job Market

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20 Nov, 2022

**Click icons below to select a dashboard**



**JOB**



**SKILL**



**COMPANY**

# Data Science Job Market

Job Title

All

Job Position Lev...

All

Company Indust...

All

Company Name

All

Company Size

All

Job Posting Date

1/1/2017



12/31/2021



Software Engineer

Data Engineer

8,112

3,462

Business Analyst

Developer

Data Analyst

2,009

Data Scientist

1,502

1,485

Ux Researcher

Pro...

Se...

897

Software Develop...

481

463

Posting Count

25K

Average Years of Experience

4.34



Job Position Level



Associate Director Entry level Executive Internship Mid-Senior level

Job Posting Count

4K

2K

0K

2017

2018

2019

2020

2021

Average of Years of Experience

20

15

10

5

0

Executive

Director

Mid-Senior level

Associate

Entry level

Internship

# Data Science Job Market

Job Skills Count

157

Job Posting with Skills

23K



Job Title

All

Job Position Lev...

All

Company Indust...

All

Company Name

All

Company Size

All

Job Posting Date

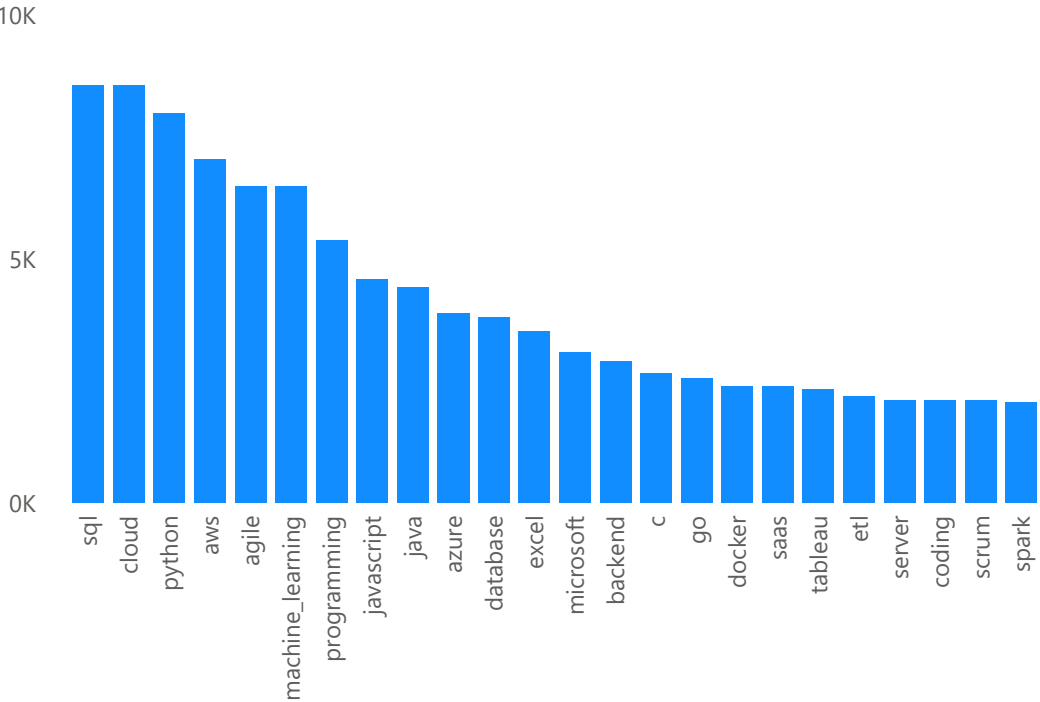
1/1/2017



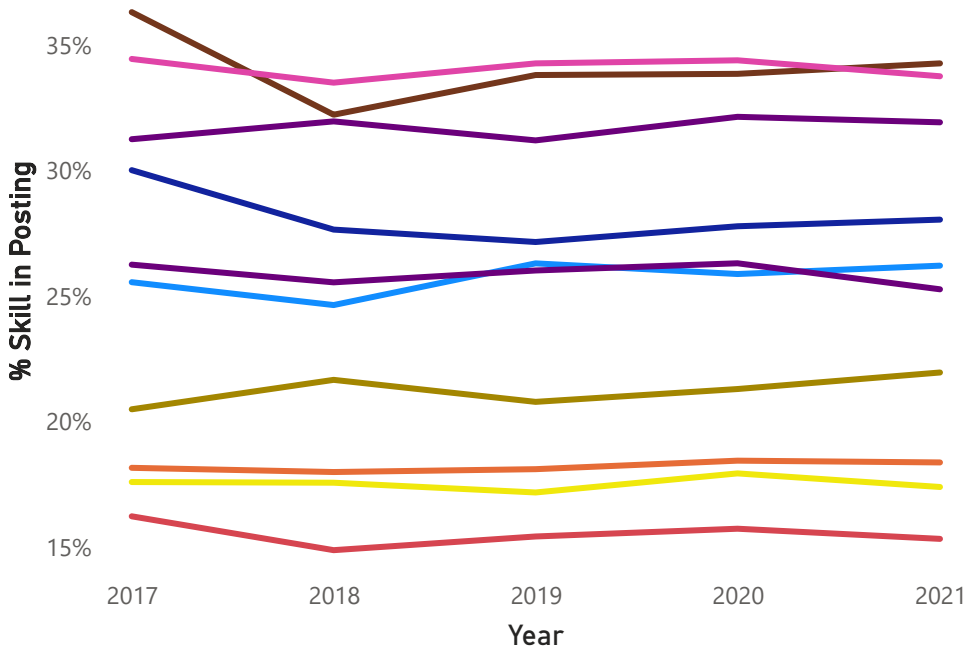
12/31/2021



Skills Count



Job Skills agile aws azure cloud java javascript machine\_l...



Percentage of Skills included in Postings

Job Skills	Business Analyst	Data Analyst	Data Architect	Data Engineer	Data Science Manager	Data Scientist	Machine Learning Engineer	Research Scientist
agile	43.40%	12.66%	34.88%	19.93%		5.35%	15.90%	5.00%
aws	1.84%	6.46%	38.60%	68.46%	73.91%	15.41%	44.52%	12.50%
azure	1.84%	3.91%	11.63%	48.99%	8.70%	6.80%	9.89%	13.75%
cloud	12.00%	11.92%	47.91%	65.86%	21.74%	18.96%	37.46%	25.00%
database	6.62%	28.01%	13.49%	23.22%	4.35%	8.75%	4.59%	5.00%
etl	1.84%	13.33%	55.81%	32.93%	4.35%	5.05%	3.89%	
excel	26.98%	37.37%	3.26%	2.48%	52.17%	4.10%	0.71%	10.00%
machine_learning	3.78%	12.93%	13.02%	27.33%	108.70%	69.38%	168.90%	46.25%

# Data Science Job Market

Job Title

All

Job Position Lev...

All

Company Indust...

All

Company Name

All

Company Size

All

Job Posting Date

1/1/2017

12/31/2021

Job Position Level

Associate

Director

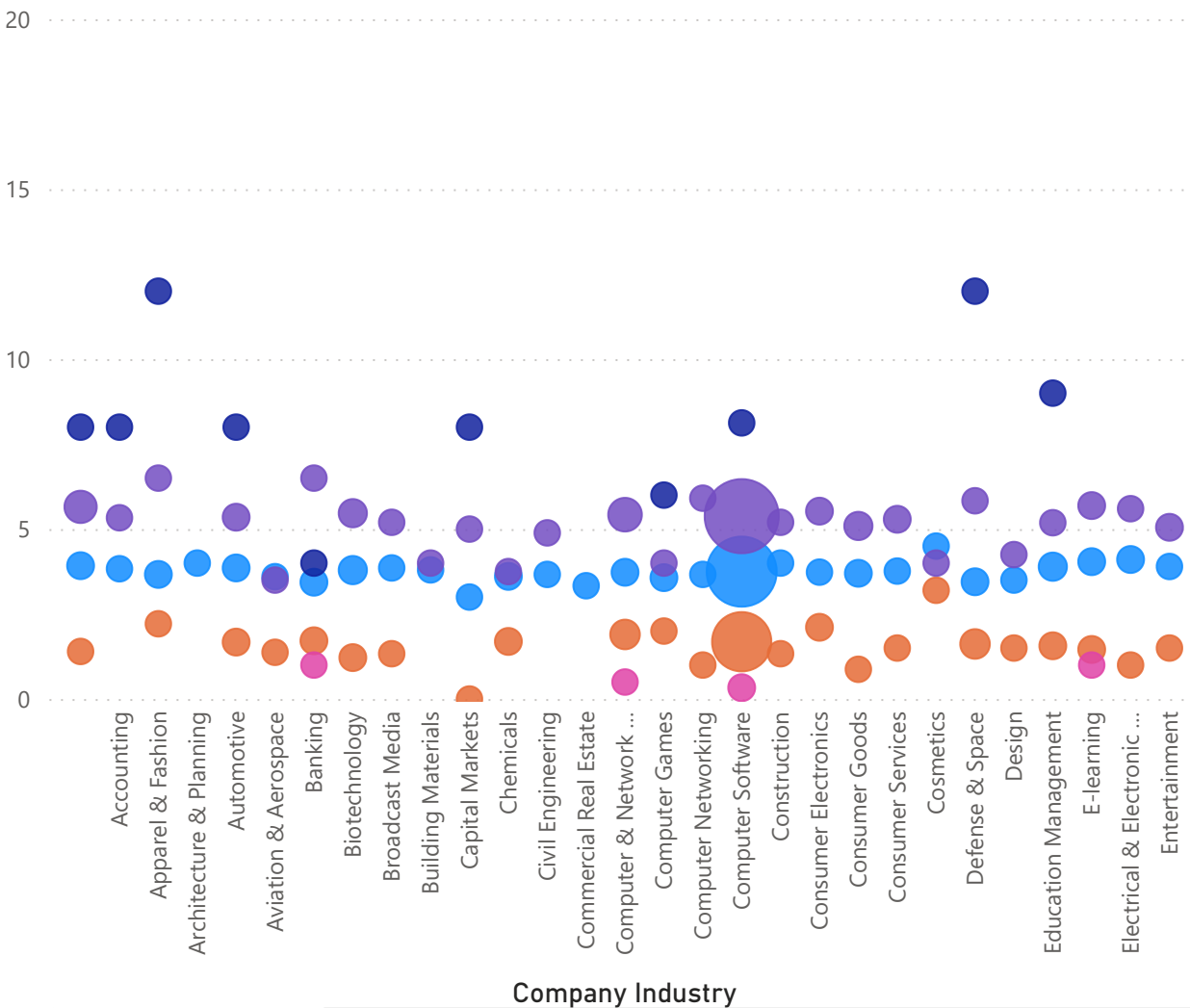
Entry level

Executive

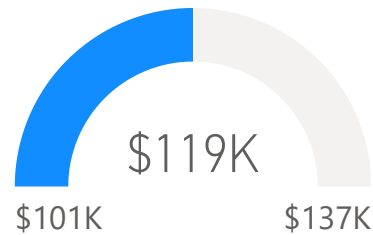
Internship

Mid-Senior level

Average of Years of Experience

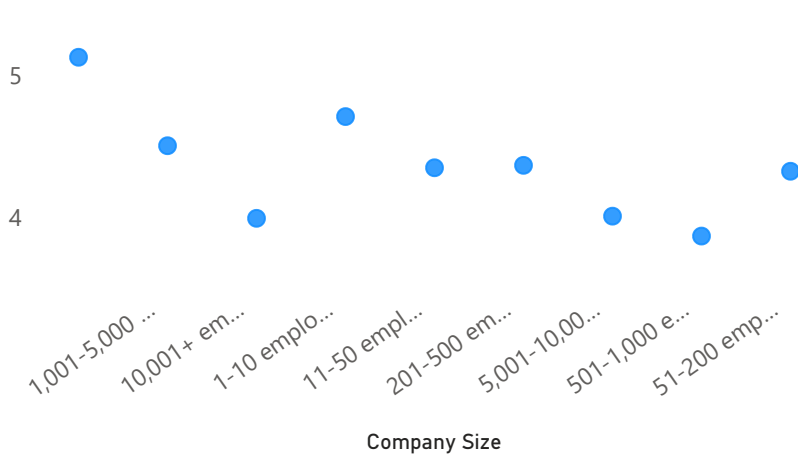


Average Pay



Job Title	Company Name	Posting Count
Data Engineer	Toptal	994
Ux Researcher	Toptal	685
Data Scientist	Toptal	673
Software Engineer	Jobot	603
Developer	Toptal	594
Software Engineer	HashiCorp	363
Software Engineer	Affirm	240
Business Analyst	Perficient	220
Data Engineer	Jobot	183
Software Engineer	Netskope	172
Software Engineer	Blackbaud	162
Developer	Perficient	160
Data Architect	Perficient	149
Total		25,114

Average of Years of Experie...



\$101K

Average of Minimum Pay

\$119K

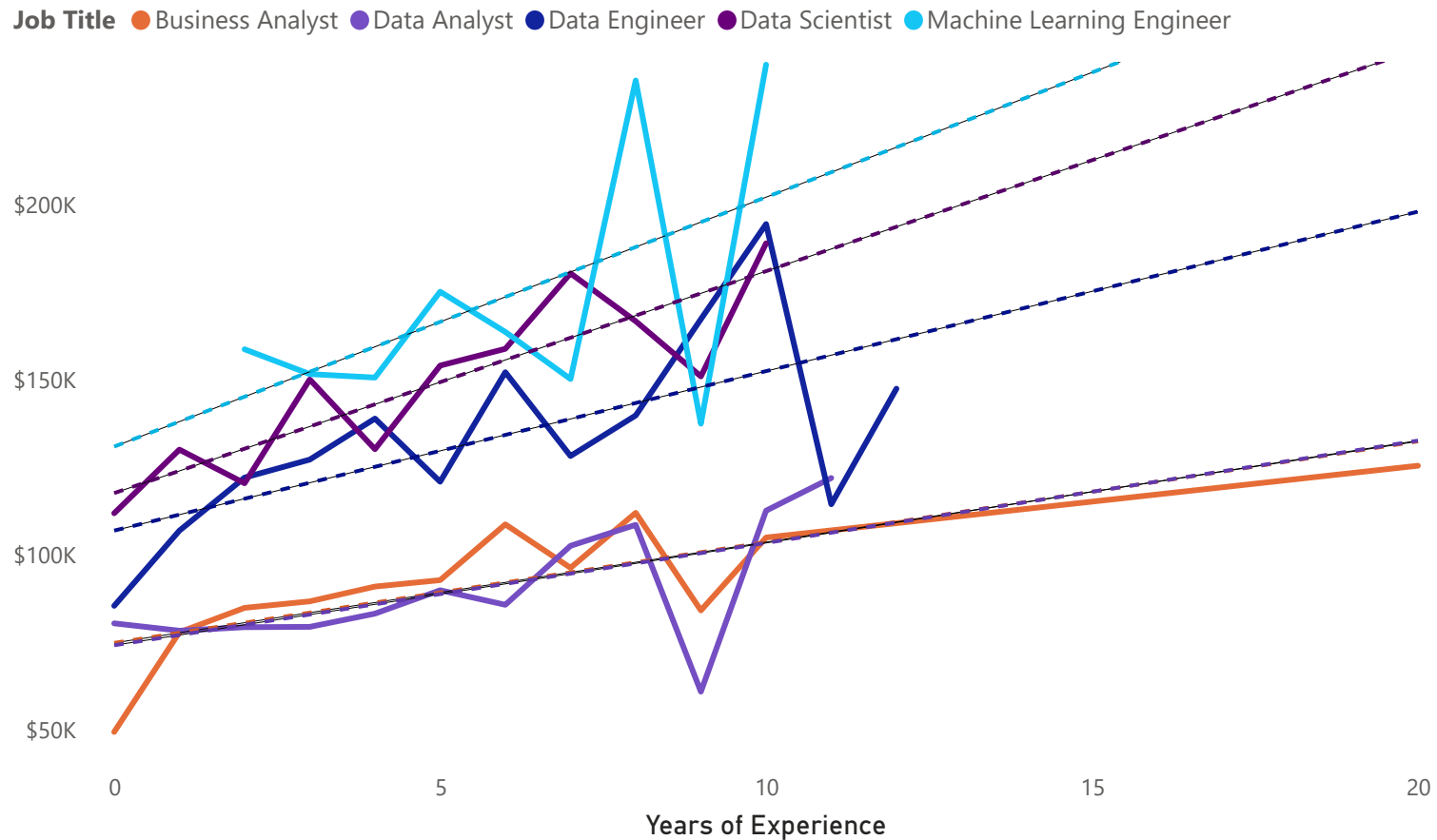
Average Pay

\$137K

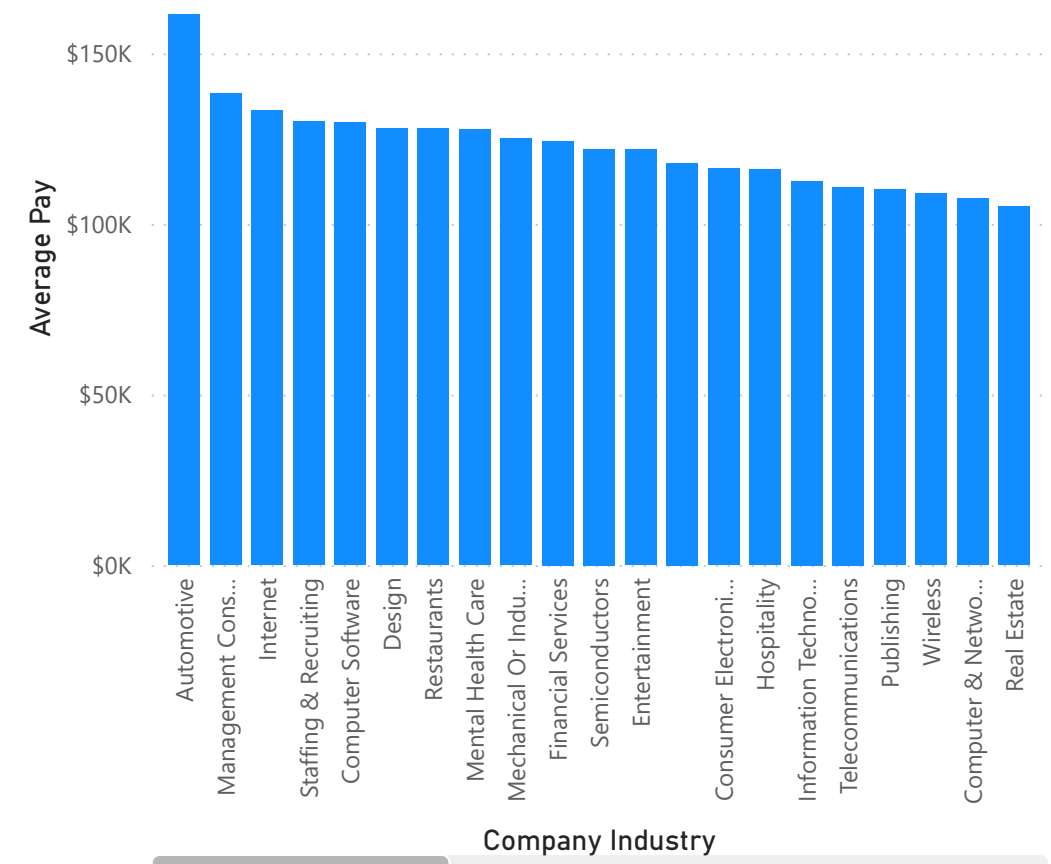
Average of Maximum Pay

- Job Position Level
- Associate
- Director
- Entry level
- Executive
- Internship
- Mid-Senior level

Average Pay by Years of Experience and Job Title

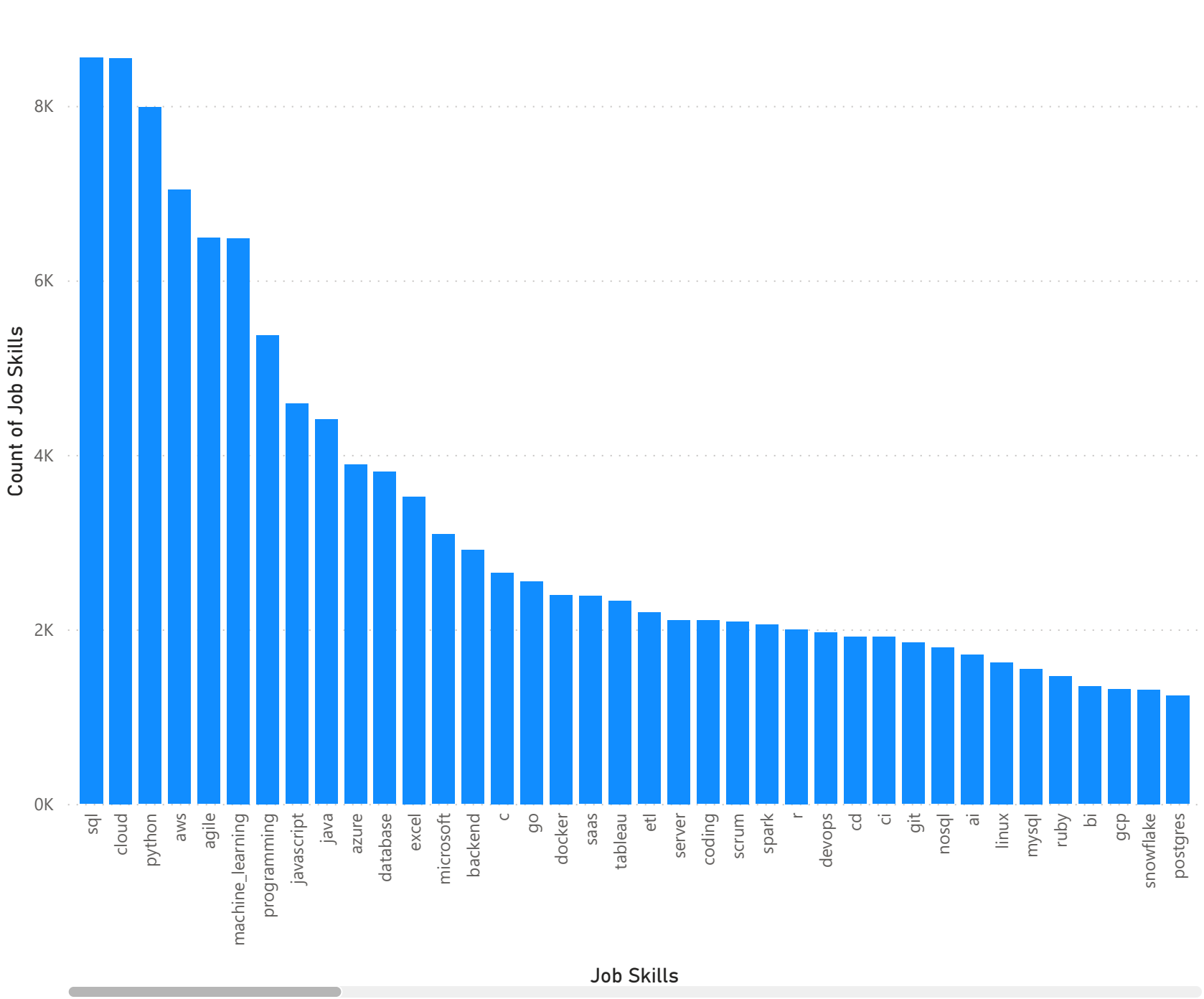


Average Pay by Company Industry

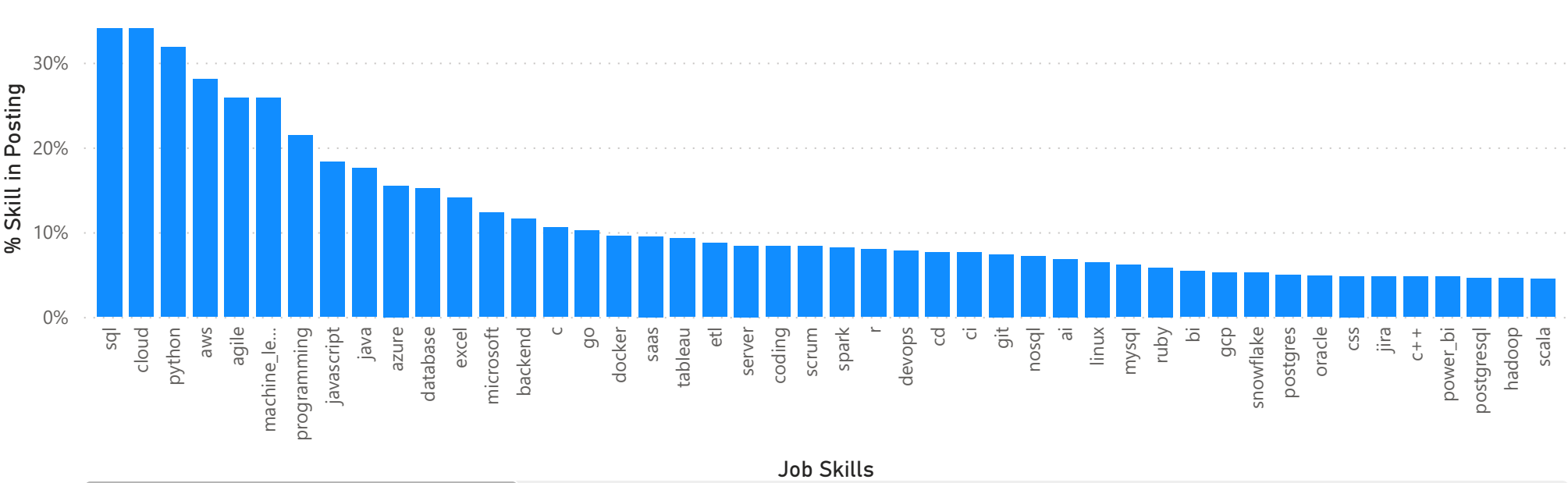


Job Skills	Count of Job Skills
sql	8551
cloud	8549
python	7986
aws	7038
agile	6488
machine_learning	6482
programming	5373
javascript	4588
java	4407
azure	3889
database	3804
excel	3522
microsoft	3088
backend	2907
c	2650
go	2552
docker	2396
saas	2385
tableau	2331
etl	2192
server	2109
coding	2102
scrum	2091
spark	2055
r	2002
devops	1964
cd	1912
ci	1912
git	1850
nosql	1789
ai	1713
linux	1621
mysql	1549
Total	164380

Count of Job Skills by Job Skills



% Skill in Posting by Job Skills



Job Skills	Business Analyst	Data Analyst	Data Engineer	Data Science Manager	Data Scientist	Machine Learning Engineer	Research Scientist	Total
sql	18.42%	73.74%	53.73%	73.91%	43.47%	21.55%	10.00%	45.82%
python	4.78%	45.99%	52.66%	95.65%	58.83%	80.21%	40.00%	43.45%
cloud	12.00%	11.92%	65.86%	21.74%	18.96%	37.46%	25.00%	34.34%
machine_learning	3.78%	12.93%	27.33%	108.70%	69.38%	168.90%	46.25%	33.63%
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azure	1.84%	3.91%	48.99%	8.70%	6.80%	9.89%	13.75%	21.07%
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programming	3.48%	14.61%	23.83%	56.52%	20.41%	23.67%	36.25%	17.44%
database	6.62%	28.01%	23.22%	4.35%	8.75%	4.59%	5.00%	16.55%
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tableau	9.16%	44.31%	10.46%	17.39%	13.71%		3.75%	15.90%
r	4.23%	26.13%	5.31%	73.91%	34.17%	19.43%	31.25%	15.38%
spark	0.20%	4.04%	26.34%	8.70%	16.31%	28.27%	3.75%	14.85%
excel	26.98%	37.37%	2.48%	52.17%	4.10%	0.71%	10.00%	13.78%
microsoft	19.16%	21.48%	8.64%	52.17%	3.50%	1.06%	12.50%	11.75%

Job Skills

☐ agile

☐ ai

☐ airflow

☐ ajax

☐ alteryx

☐ apache

☐ asp.net

☐ atlassian

☐ aurora

☐ aws

☐ azure

☐ backend

☐ bash

☐ bi

☐ bigquery

☐ bitbucket

☐ bloomberg

☐ c

☐ c++

☐ cd

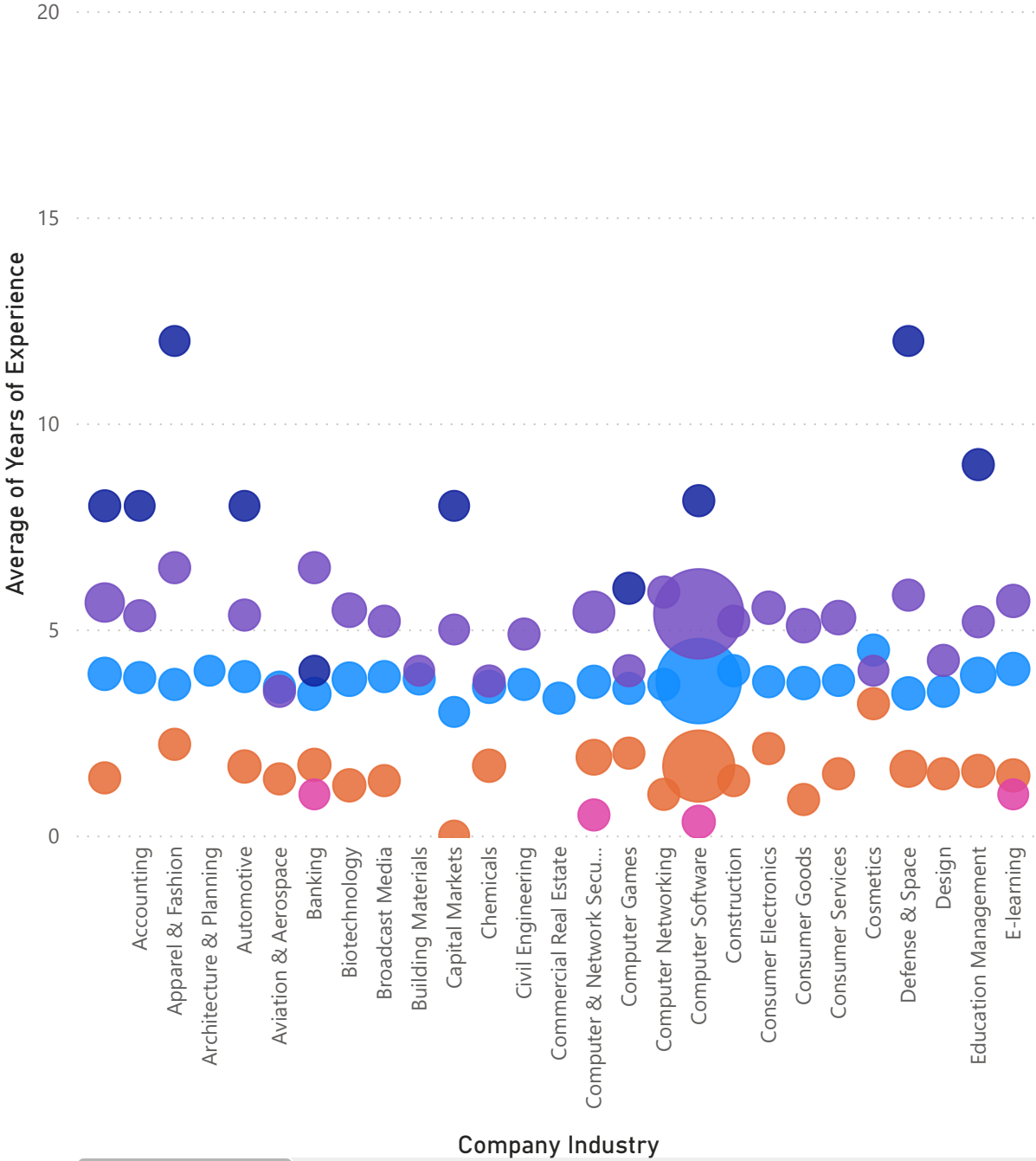
☐ chainer

☐ ci

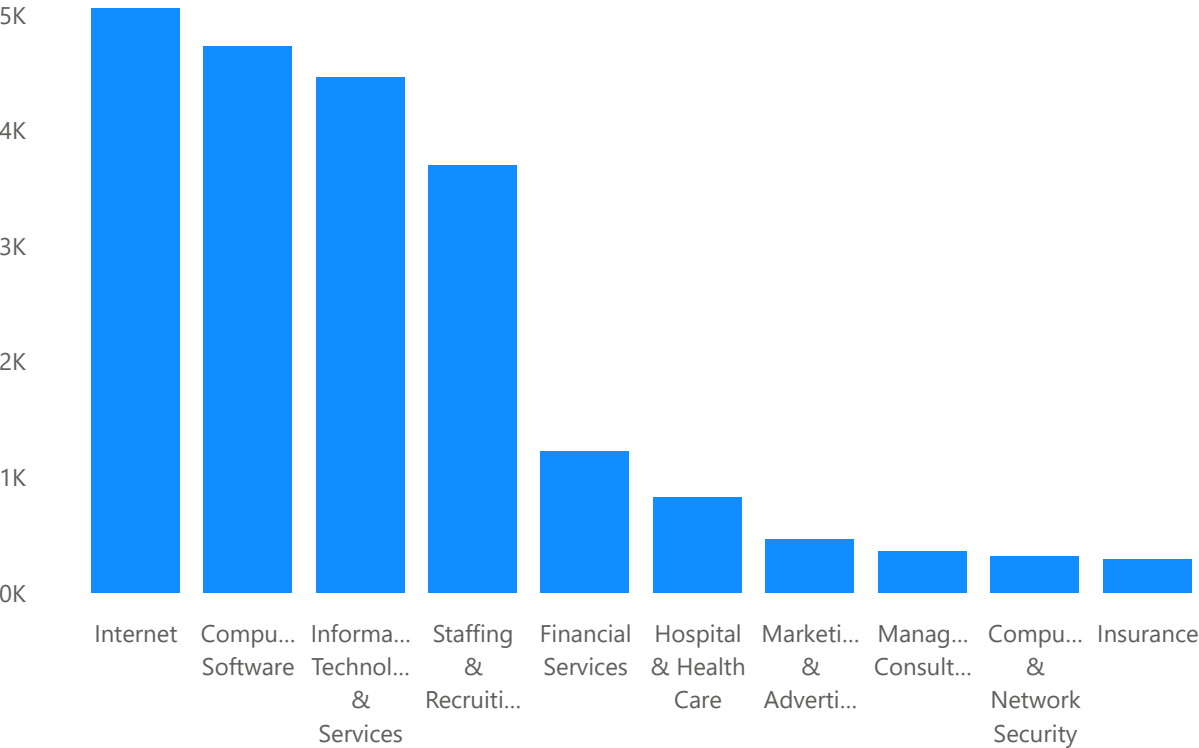
☐ cicd

☐ cloud

Job Position Level Associate Director Entry level Executive Internship Mid-Senior level



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