DATASEARCH

Adegbola A.

Data Science Job Market Insights

Select a dashboard to view

Jobs

Skills

Company
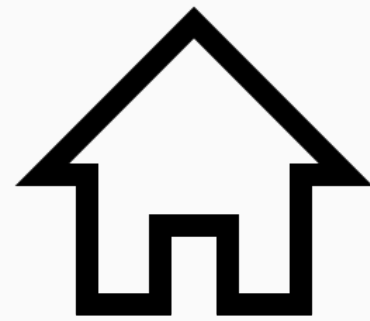
DATA SEARCH

Data Science Job Market Insights
Jobs Overview

9720
Posting Count

4.49
Average of Years of Experience

Home

Job Title
All

Job Position Level
All

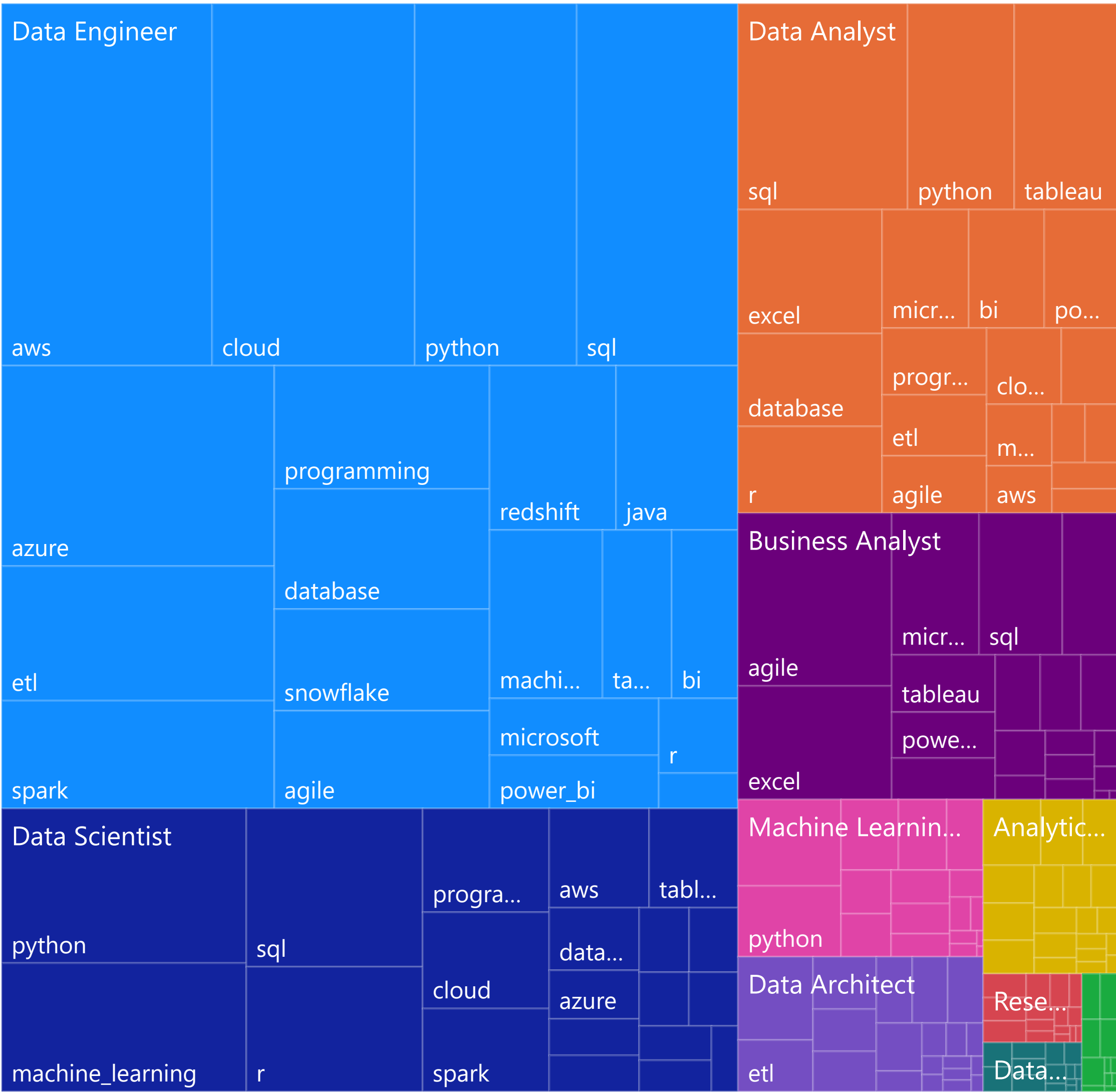### Company Name
All

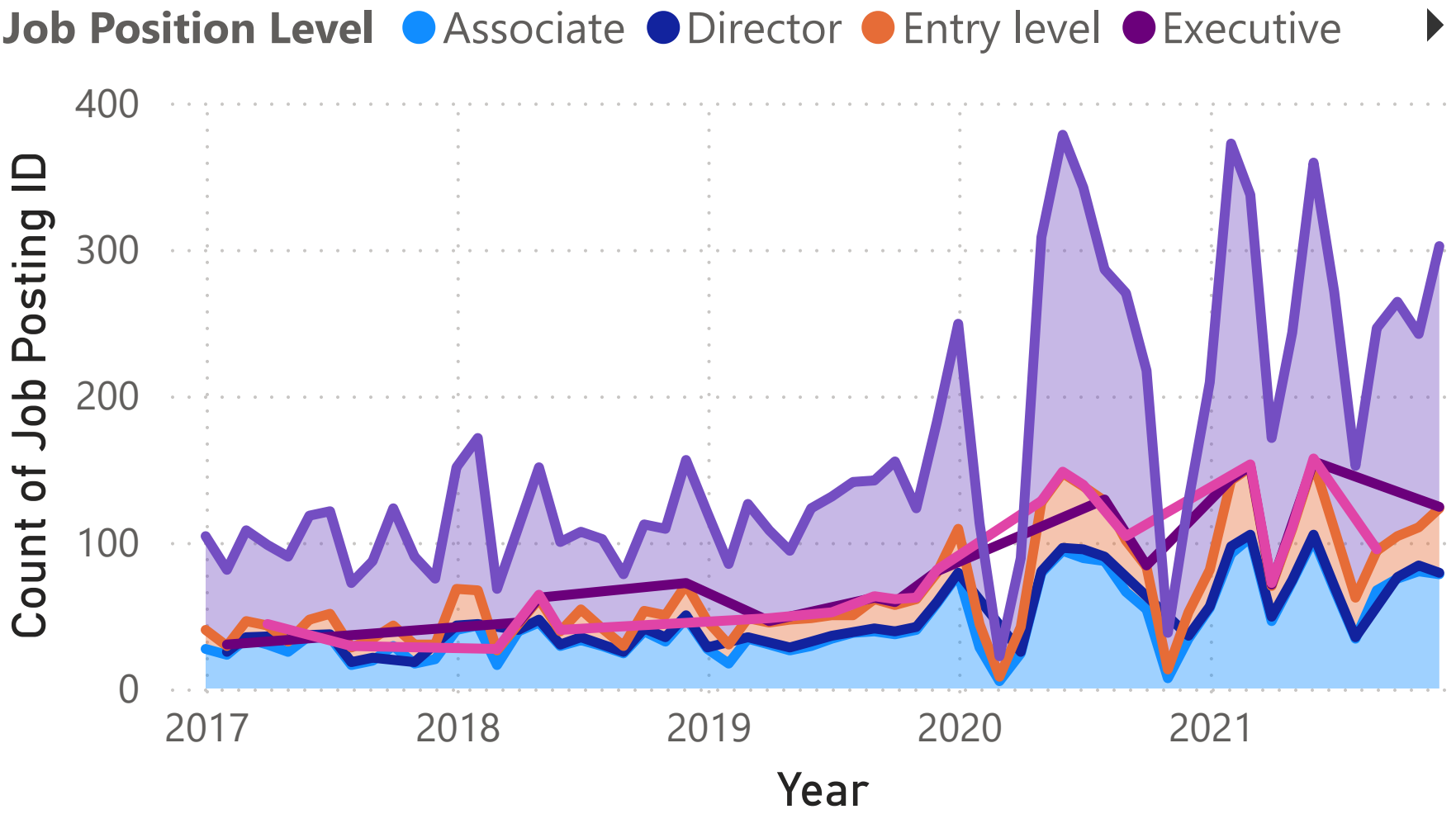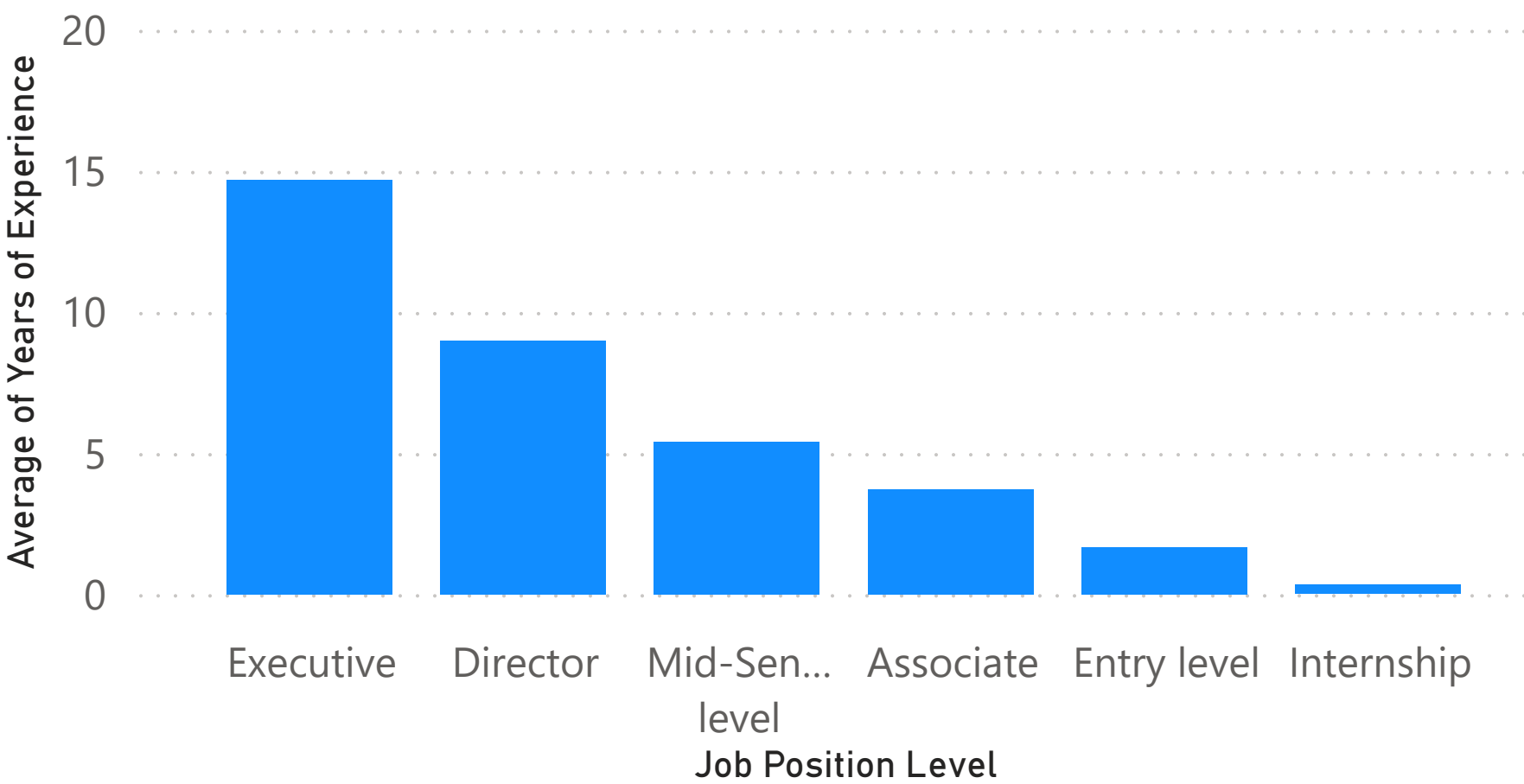### Company Industry
All

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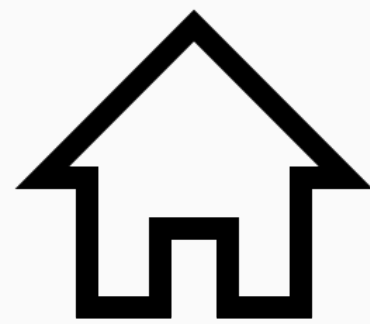12/31/2021

Count of Job Skills by Job Title and Job Skills

Data Engineer
aws | cloud | python | sql
programming
azure | redshift | java
database
etl | snowflake | machi... | ta... | bi
microsoft | r
spark | agile | power_bi

Data Scientist
python | sql
progra... | aws | tabl...
cloud | data...
azure
machine_learning | r | spark

Data Analyst
sql | python | tableau
excel | micr... | bi | po...
database | progr... | clo...
etl | m...
r | agile | aws

Business Analyst
agile | micr... | sql
tableau
powe...
excel

Machine Learnin... | **Analytic...**
python
Data Architect
Rese...
etl | Data...

Count of Job Posting ID by Year, Quarter, Month and Job Position Level

Job Position Level ● Associate ● Director ● Entry level ● Executive

Average of Years of Experience by Job Position Level

Job Position Level: Executive, Director, Mid-Sen... level, Associate, Entry level, Internship

DATA SEARCH

Job Title

All ▼

Job Position Level

All ▼

Company Name

All ▼

Company Industry

All ▼

Job Posting Date

1/1/2017 📅

12/31/2021 📅

Data Science Job Market Insights

Skills Overview

166
Distinct Count of Job Skills

8723
Job Postings with Skills

🏠 Home

Skill Count by Job Skills

Job Skills (x-axis): sql, python, cloud, aws, machine_le..., azure, agile, programm..., etl, database, tableau, spark, r, excel, microsoft, snowflake, bi, java, redshift, power_bi, hadoop, warehousing

% Skill in Posting by Year, Quarter and Job Skills

Job Skills: ● agile ● agile/scrum ● ai ● ai/ml ● airflow ● ajax ● alteryx ▶


### Percentage a Skill included in Job Posting

Job Skills	Analytics Engineer	Analytics Manager	Business Analyst	Data Analyst	Data Architect	Data Engineer	Data Science Manager	Data Scientist	Machi
sql	87.41 %	89.66 %	18.27 %	73.13 %	90.23 %	52.40 %	73.91 %	43.37 %	
python	44.44 %	10.34 %	4.78 %	45.99 %	36.74 %	52.66 %	95.65 %	58.83 %	
cloud	51.85 %	3.45 %	12.00 %	11.92 %	47.91 %	65.86 %	21.74 %	18.96 %	
aws	25.19 %		1.84 %	6.46 %	38.60 %	68.46 %	73.91 %	15.41 %	
machine_learning	10.37 %		1.54 %	8.42 %	7.91 %	17.07 %	95.65 %	48.87 %	
azure	5.19 %		1.84 %	3.91 %	11.63 %	49.10 %	8.70 %	6.80 %	
agile	39.26 %		41.11 %	12.53 %	34.42 %	18.89 %		5.00 %	
programming	15.56 %	13.79 %	3.48 %	14.61 %	31.63 %	23.83 %	56.52 %	20.41 %	
etl	27.41 %	68.97 %	1.84 %	13.33 %	55.81 %	32.96 %	4.35 %	5.05 %	

DATA SEARCH

Company Overview

Average Pay
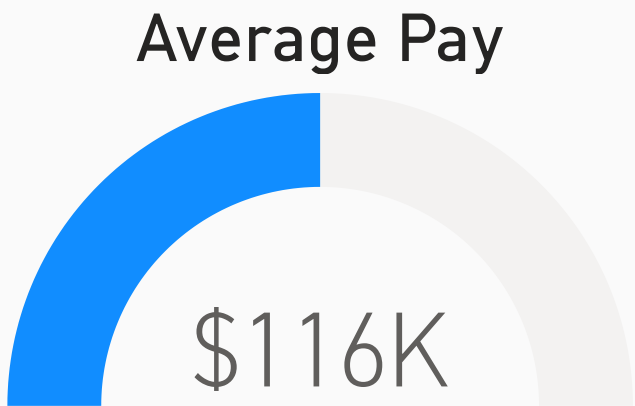
$101.16K $116K $131.67K
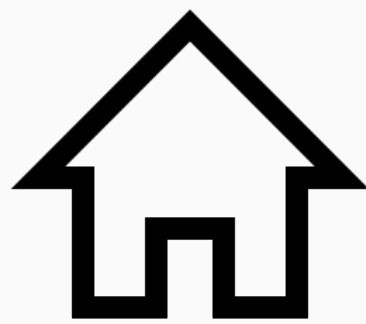
Home

Job Title
All

Job Position Level
All

Company Name
All

Company Industry
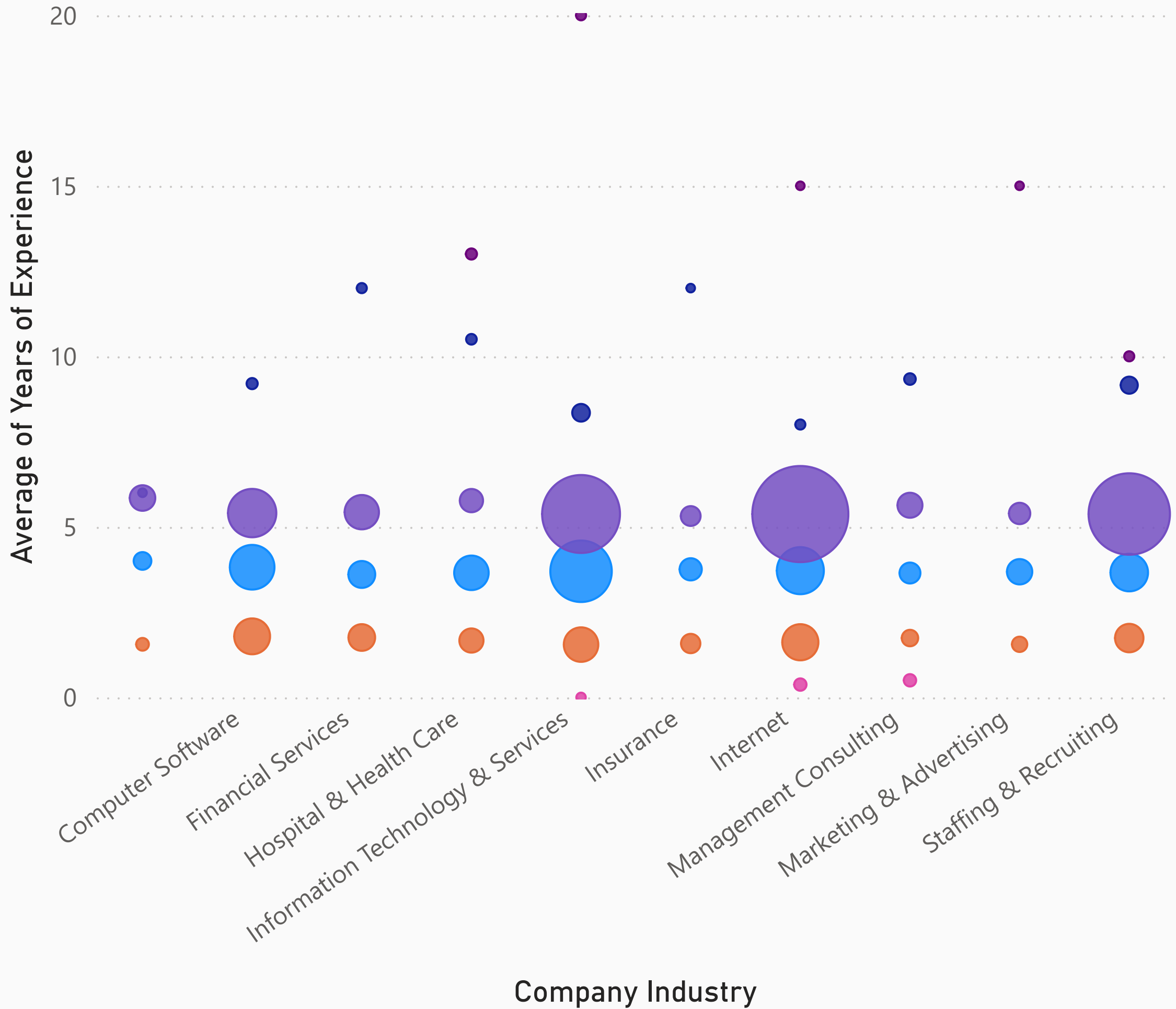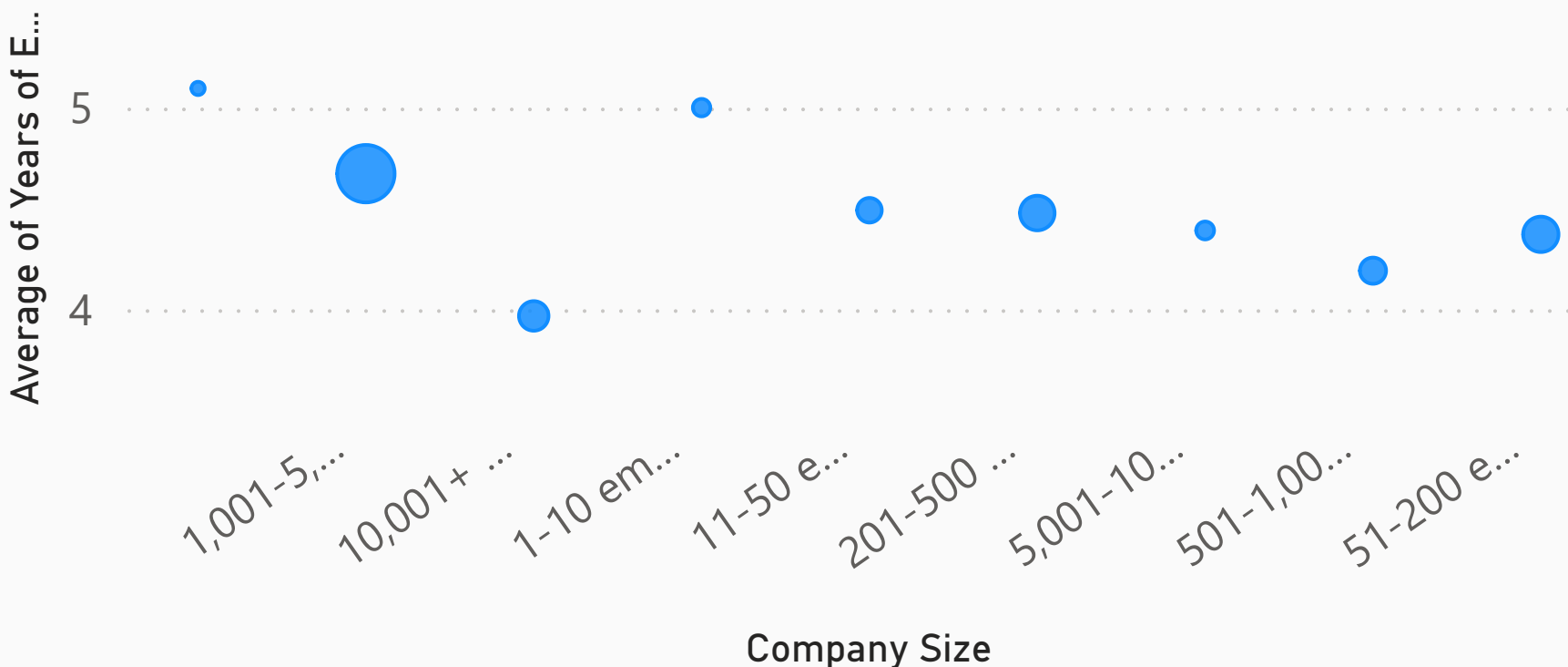All

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

Average of Years of Experience, Posting Count and Posting Count by Job Position Level and Company Industry

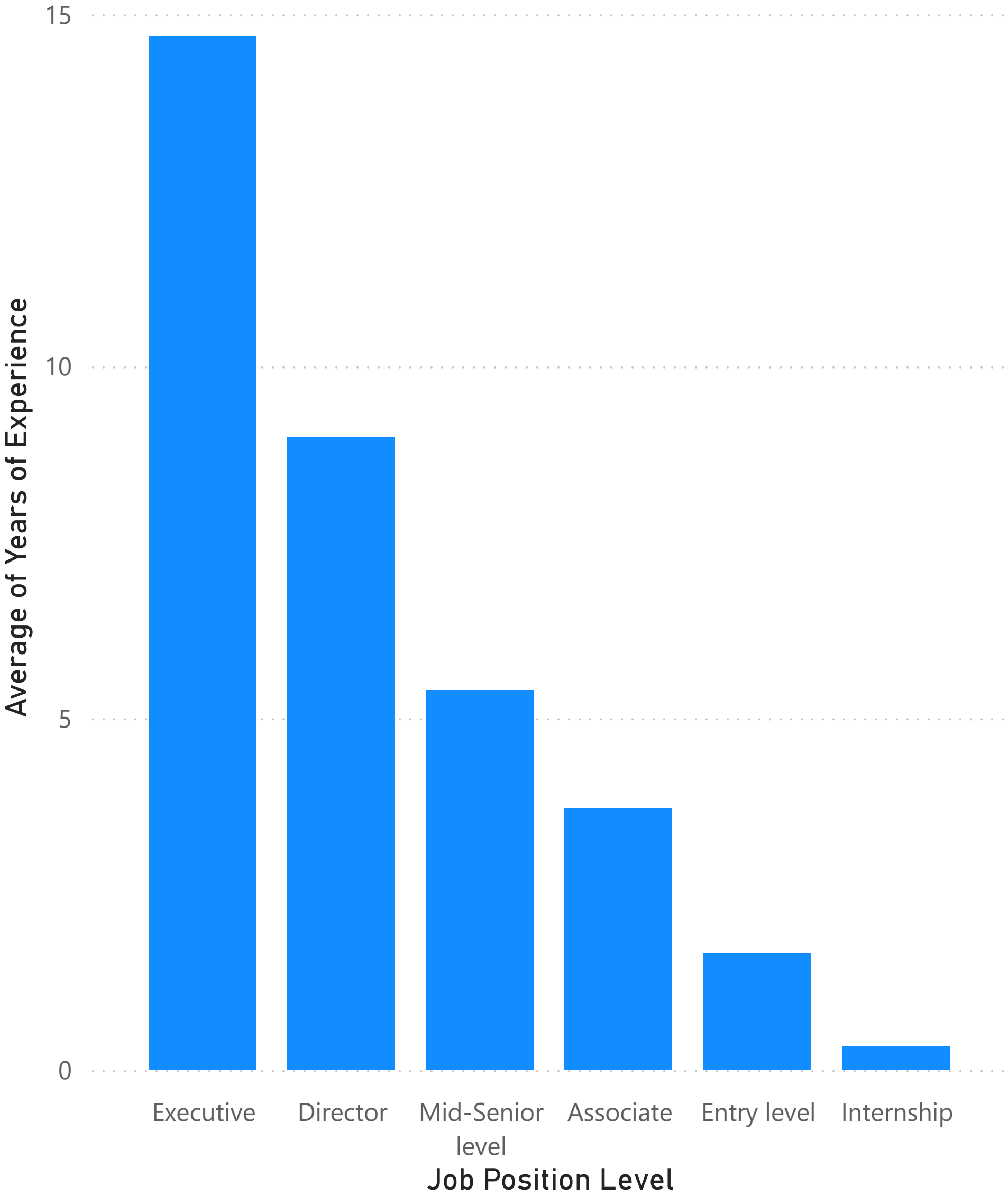**Job Position Level** ● Associate ● Director ● Entry level ● Executive ● Internship ● Mid-Sen...

Average of Years of Experience

20

15

10

5

0

Company Industry

Computer Software · Financial Services · Hospital & Health Care · Information Technology & Services · Insurance · Internet · Management Consulting · Marketing & Advertising · Staffing & Recruiting

Job Title	Company Name	Posting Count
Analytics Engineer	Activision	
Analytics Engineer	Alice Financial	
Analytics Engineer	Amino	
Analytics Engineer	Automattic	
Analytics Engineer	Backstage	
Analytics Engineer	BetterUp	
Analytics Engineer	Black Box Intelligence™	
Analytics Engineer	Carter Maddox	
Analytics Engineer	CircleCI	
Analytics Engineer	Clearcover	
Analytics Engineer	Codecademy	
Total		**9720**

Average of Years of Experience and Posting Count by Company Size

Average of Years of E...

5

4

Company Size

1,001-5... · 10,001+ ... · 1-10 em... · 11-50 e... · 201-500 ... · 5,001-10... · 501-1,00... · 51-200 e...
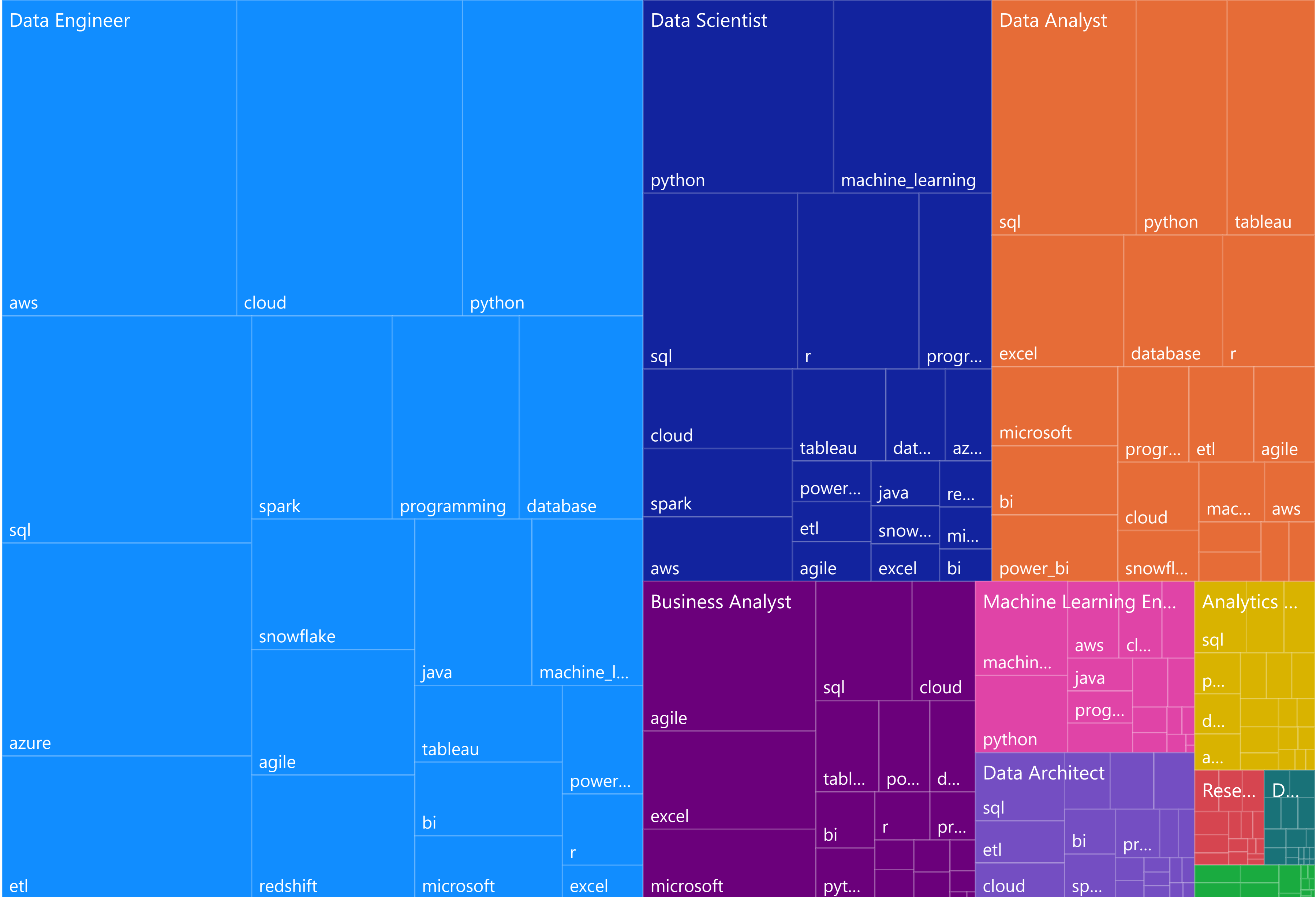
Average of Years of Experience by Job Position Level

Count of Job Posting ID by Year, Quarter, Month and Job Position Level

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

Count of Job Skills by Job Title and Job Skills

Data Engineer
aws | cloud | python
sql | spark | programming | database
| snowflake | java | machine_l... | power...
azure | agile | tableau |
| bi | r
etl | redshift | microsoft | excel

Data Scientist
python | machine_learning
sql | r | progr...
cloud | tableau | dat... | az...
spark | power... | java | re...
| etl | snow... | mi...
aws | agile | excel | bi

Business Analyst
agile | sql | cloud
| tabl... | po... | d...
excel | bi | r | pr...
microsoft | pyt...

Data Analyst
sql | python | tableau
excel | database | r
microsoft | progr... | etl | agile
bi | cloud | mac... | aws
power_bi | snowfl...

Machine Learning En...
machin... | aws | cl...
| java
python | prog...

Analytics ...
sql
p...
d...
a...

Data Architect
sql | bi | pr...
etl |
cloud | sp...

Rese...
D...

Job Title

- [ ] Analytics Engineer
- [ ] Analytics Manager
- [ ] Business Analyst
- [ ] Data Analyst
- [ ] Data Architect
- [ ] Data Engineer
- [ ] Data Science Manager
- [ ] Data Scientist
- [ ] Machine Learning Engineer
- [ ] Research Scientist

Job Skills

- [ ] agile
- [ ] agile/scrum
- [ ] ai
- [ ] ai/ml
- [ ] airflow
- [ ] ajax
- [ ] alteryx
- [ ] apache
- [ ] asp.net
- [ ] atlassian
- [ ] aurora

Average of Average Pay by Years of Experience and Job Title

Job Title ● Analytic... ● Analytic... ● Business... ● Data An... ● Data Ar... ● Data En... ● Data Sci... ● Data Sci... ▶
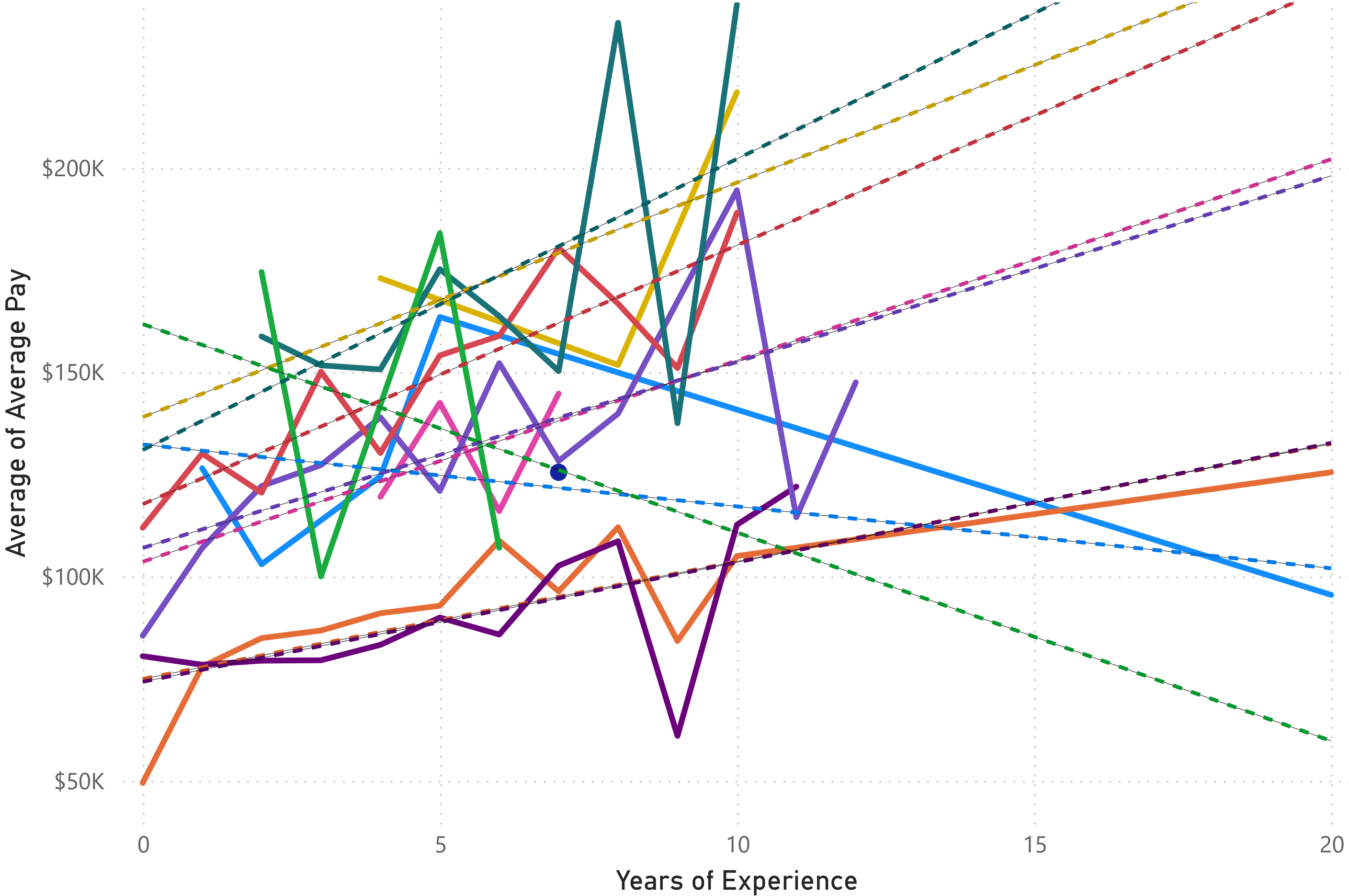
Skill Count by Job Skills

Job Skills

🔍 Search

- ☐ agile
- ☐ agile/scrum
- ☐ ai
- ☐ ai/ml
- ☐ airflow
- ☐ ajax
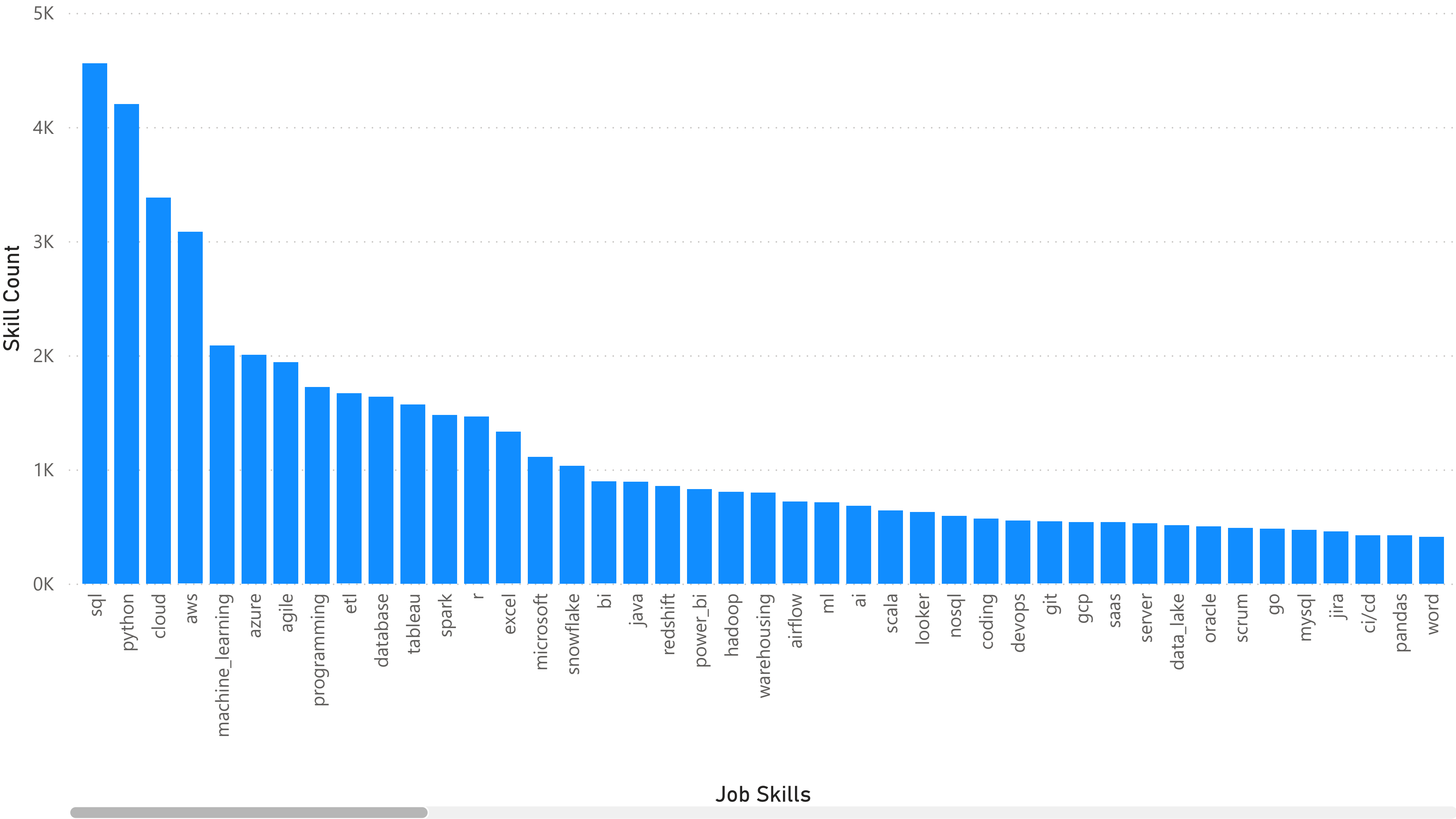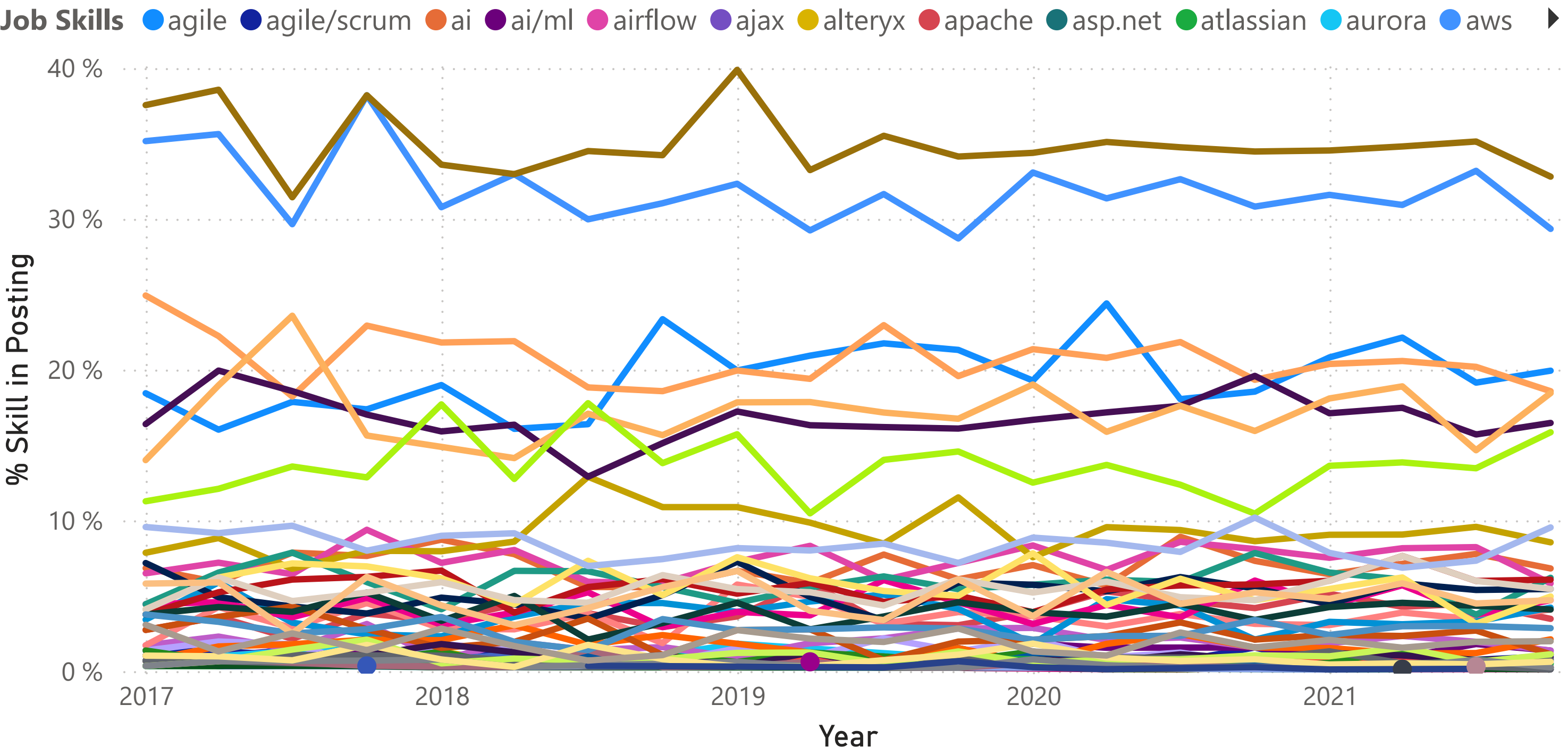- ☐ alteryx
- ☐ apache
- ☐ asp.net
- ☐ atlassian
- ☐ aurora
- ☐ aws
- ☐ azure
- ☐ backend
- ☐ back-end
- ☐ bash
- ☐ bi
- ☐ bigquery

Job Skills axis labels (left to right):
sql, python, cloud, aws, machine_learning, azure, agile, programming, etl, database, tableau, spark, r, excel, microsoft, snowflake, bi, java, redshift, power_bi, hadoop, warehousing, airflow, ml, ai, scala, looker, nosql, coding, devops, git, gcp, saas, server, data_lake, oracle, scrum, go, mysql, jira, ci/cd, pandas, word

% Skill in Posting by Year, Quarter and Job Skills

Job Skills ● agile ● agile/scrum ● ai ● ai/ml ● airflow ● ajax ● alteryx ● apache ● asp.net ● atlassian ● aurora ● aws ▶
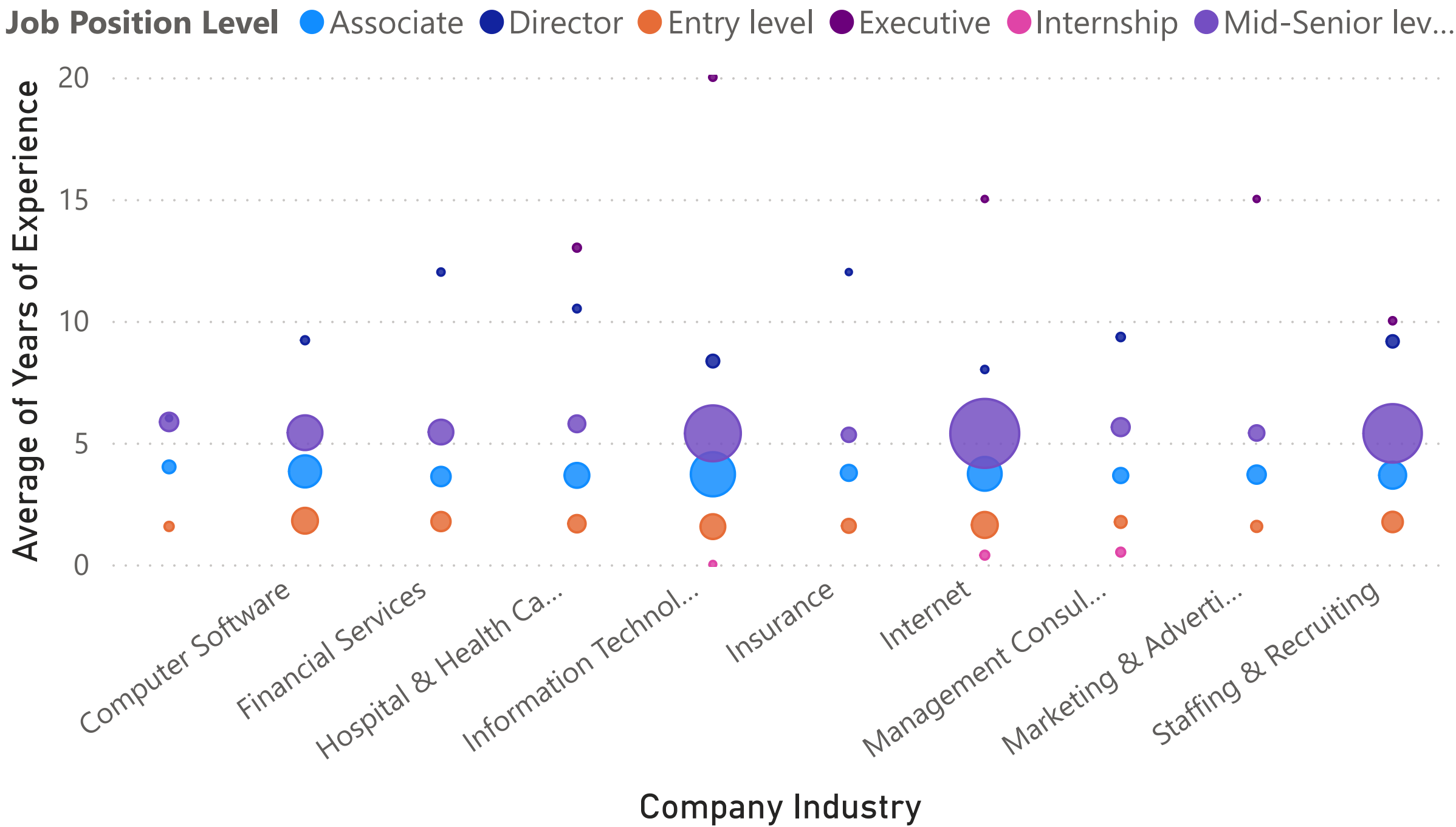

Job Title

- ☐ Analytics Engineer
- ☐ Analytics Manager
- ☐ Business Analyst
- ☐ Data Analyst
- ☐ Data Architect
- ☐ Data Engineer
- ☐ Data Science Manager
- ☐ Data Scientist
- ☐ Machine Learning Engineer

Job Skills

- ☐ agile
- ☐ agile/scrum
- ☐ ai
- ☐ ai/ml
- ☐ airflow
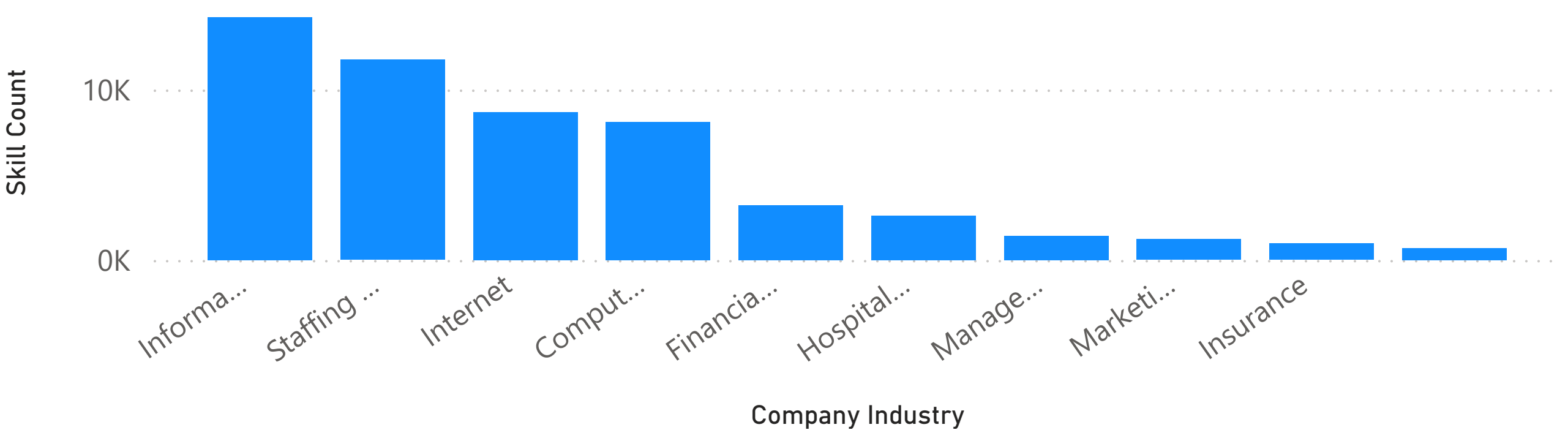- ☐ ajax
- ☐ alteryx
- ☐ apache
- ☐ asp.net

Job Skills	Analytics Engineer	Analytics Manager	Business Analyst
sql	87.41 %	89.66 %	18.27 %
python	44.44 %	10.34 %	4.78 %
cloud	51.85 %	3.45 %	12.00 %
aws	25.19 %		1.84 %
machine_learning	10.37 %		1.54 %
azure	5.19 %		1.84 %
agile	39.26 %		41.11 %
programming	15.56 %	13.79 %	3.48 %
etl	27.41 %	68.97 %	1.84 %
database	43.70 %	6.90 %	6.62 %
tableau	28.15 %	82.76 %	9.16 %
spark	11.85 %		0.20 %
r	12.59 %	10.34 %	4.23 %
excel	8.89 %	75.86 %	26.98 %
microsoft		3.45 %	19.16 %
snowflake	63.70 %		0.85 %
bi	23.70 %	6.90 %	5.28 %
java	4.44 %		1.24 %
redshift	25.19 %	68.97 %	0.10 %
power_bi	8.15 %	10.34 %	7.37 %
hadoop	7.41 %		0.30 %
warehousing	9.63 %	68.97 %	1.44 %
airflow	24.44 %		
ml	2.96 %		0.40 %
ai	2.96 %		3.09 %
scala	2.96 %		0.15 %
looker	37.04 %	6.90 %	1.14 %
nosql	4.44 %		0.15 %
coding	5.19 %		1.94 %

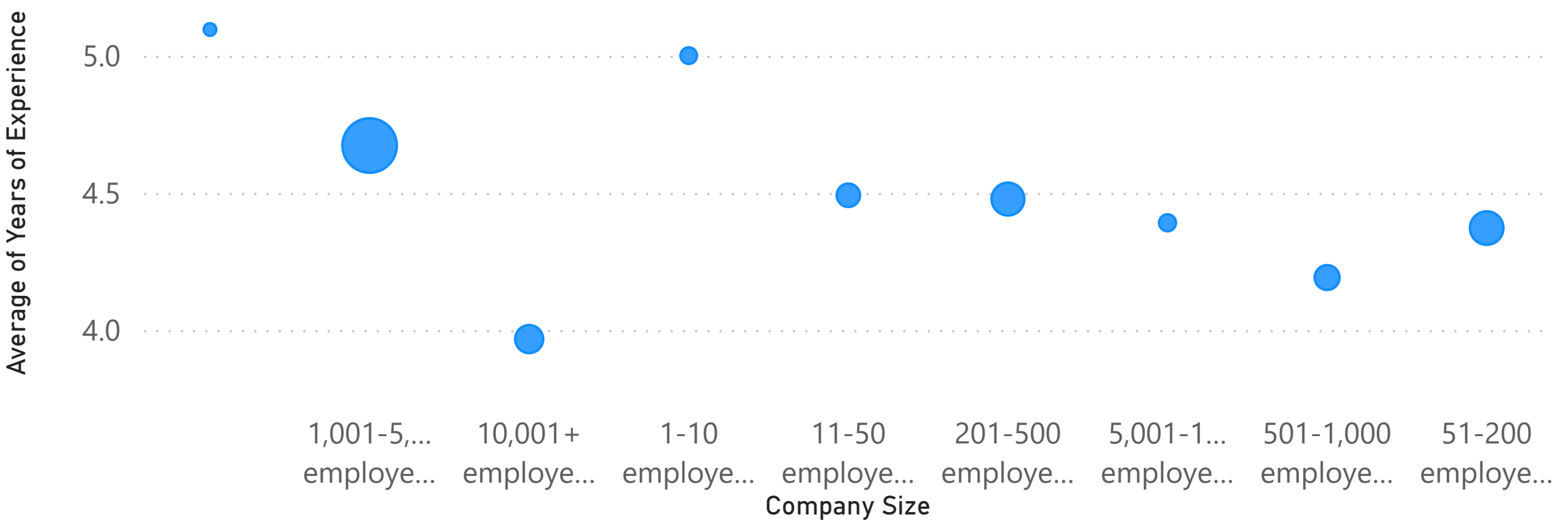# Average of Years of Experience, Posting Count and Posting Count by Job Position Level and Company Industry

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

Skill Count by Company Industry

Average of Years of Experience and Posting Count by Company Size

Average of Years of Experience and Posting Count by Company Industry

Job Title	Company Name	Posting Count
Data Engineer	Toptal	994
Data Scientist	Toptal	673
Business Analyst	Perficient	220
Data Engineer	Jobot	183
Data Architect	Perficient	149
Data Engineer	Recruiting from Scratch	120
Business Analyst	Dice	103
Data Scientist	Jobot	97
Data Engineer	Dice	89
Data Analyst	Perficient	50
Business Analyst	Zscaler	44
Business Analyst	Jobot	43
Total		**9720**