DATASEARCH

Data Science Job Market Insights

Select a dashboard to view

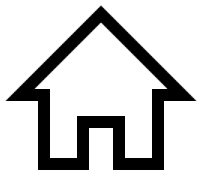Jobs

Skills

Company

Data Science Job Market Insights

9556
Posting Count
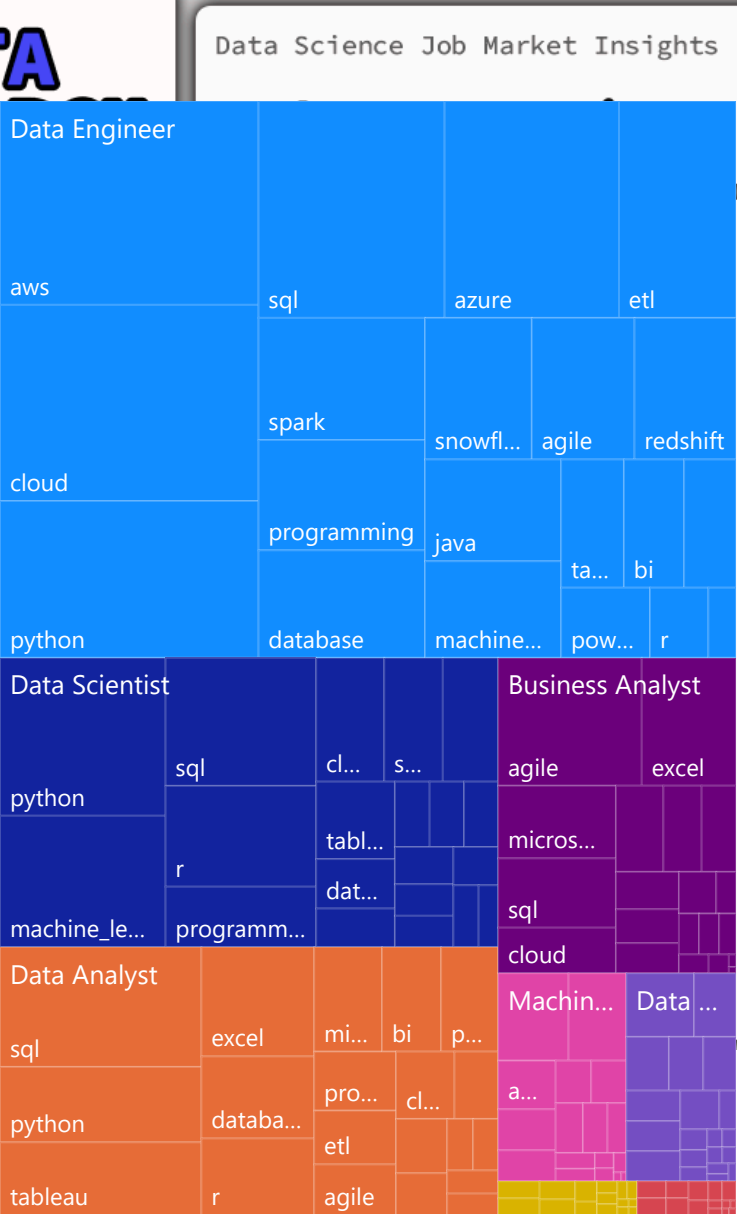
4.49
Average Years Experience

Home

Job Title
All

Job Position Level
All

Company Name
All

Company Size
All

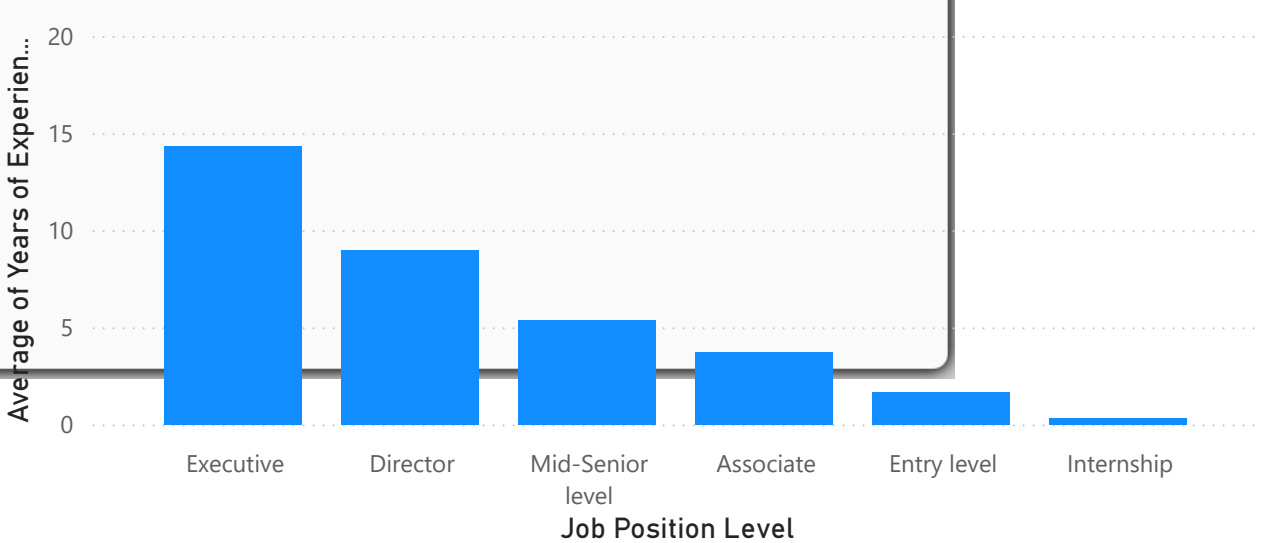**Company Industry**
All

Job Posting Date
01/01/2017   31/12/2021

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

Data Engineer
aws
sql   azure   etl
spark   snowfl... agile redshift
cloud
programming java   ta... bi
python   database   machine... pow... r

Data Scientist
python   sql   cl... s...
r   tabl...
machine_le... programm... dat...

Business Analyst
agile   excel
micros...
sql
cloud

Data Analyst
sql   excel   mi... bi p...
python   databa... pro... cl...
etl
tableau   r   agile

Machin... **Data ...**
a...

Job Posting Count

3K

2K

1K

0K
2017   2018   2019   2020   2021

Average of Years of Experien...

20

15

10

5

0
Executive Director Mid-Senior level Associate Entry level Internship

Job Position Level

DATA SEARCH

Skills Overview

Data Science Job Market Insights

166 — Distinct Count of Skills

8561 — Job Postings with Skills

Home

Job Title
All

Job Position Level
All

Company Name
All

Company Size
All

Company Industry
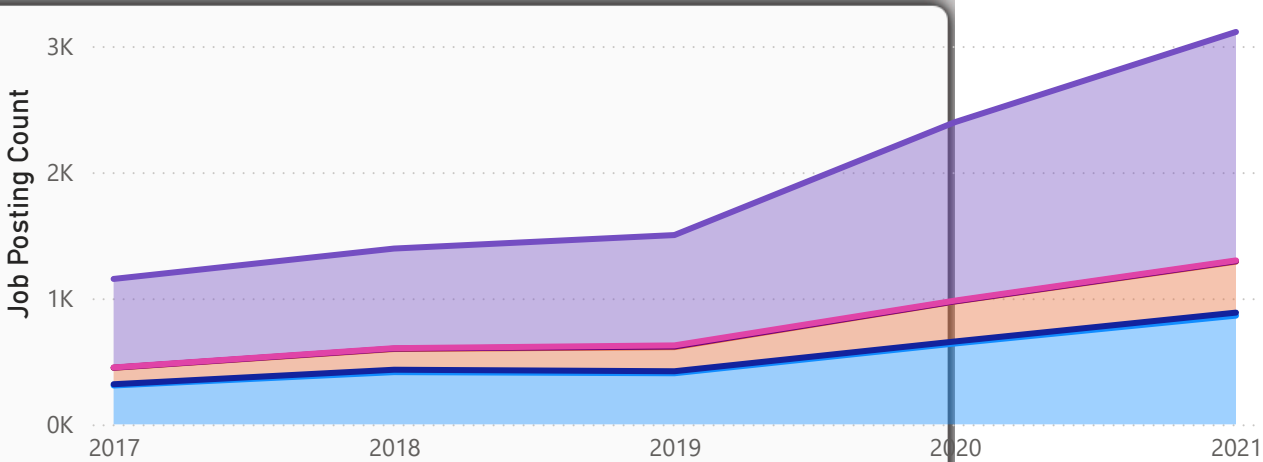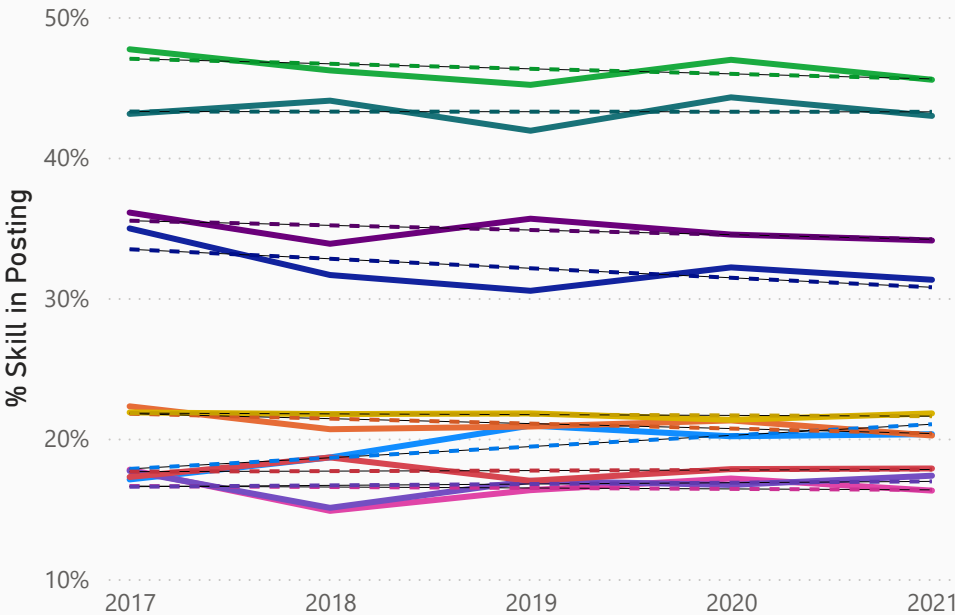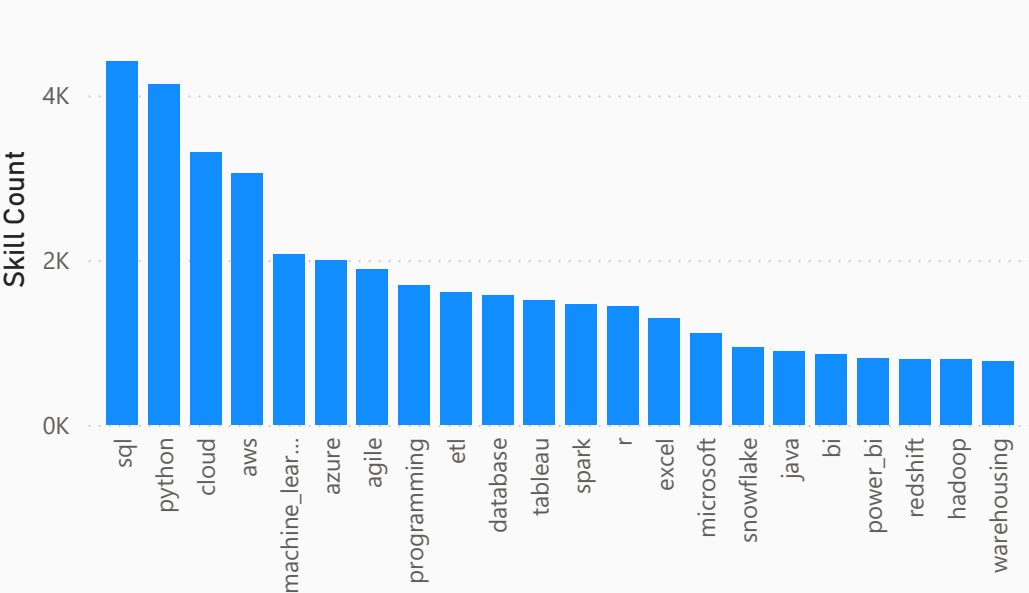All

Job Posting Date
01/01/2017 31/12/2021

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 Scient
sql	18.27%	73.13%	90.23%	52.40%	73.91%	43.37%	21.55%	10.00
python	4.78%	45.99%	36.74%	52.66%	95.65%	58.83%	80.21%	40.00
cloud	12.00%	11.92%	47.91%	65.86%	21.74%	18.96%	37.46%	25.00
aws	1.84%	6.46%	38.60%	68.46%	73.91%	15.41%	44.52%	12.50
machine_learning	1.54%	8.42%	7.91%	17.07%	95.65%	48.87%	97.88%	38.75
azure	1.84%	3.91%	11.63%	49.10%	8.70%	6.80%	9.89%	13.75
agile	41.11%	12.53%	34.42%	18.89%		5.00%	14.84%	5.00
programming	3.48%	14.61%	31.63%	23.83%	56.52%	20.41%	23.67%	36.25
etl	1.84%	12.33%	55.81%	32.96%	4.35%	5.05%	2.80%	

DATA SEARCH

Company Overview

Average Pay

$100.96K $116K $131.59K
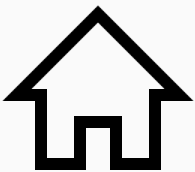
Home

Filters

Job Title
All

Job Position Level
All

Company Name
All

Company Size
All

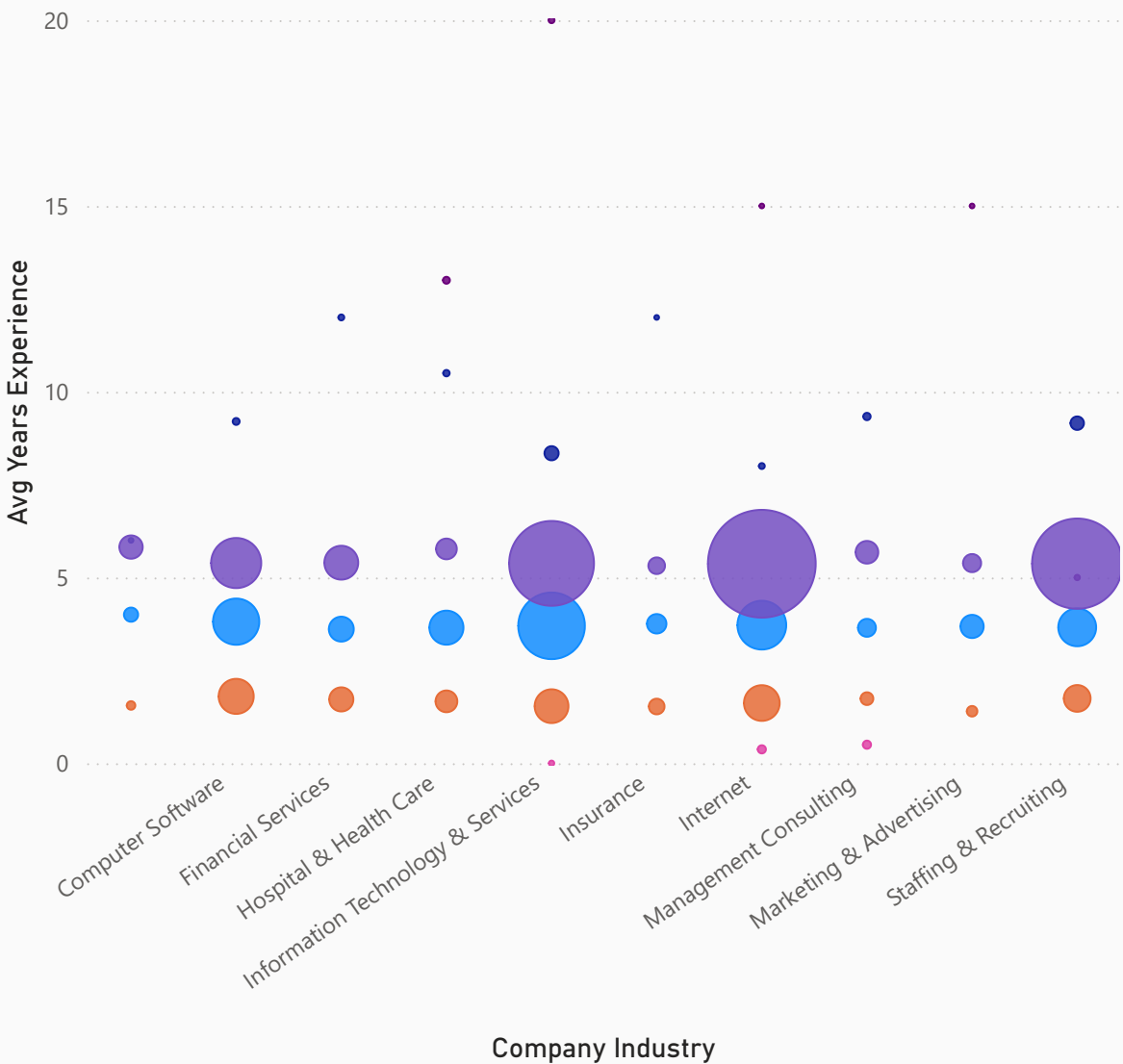**Company Industry**
All

Job Posting Date
01/01/2017   31/12/2021

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
Data Analyst	Kraken Digital Asset Exchange	43
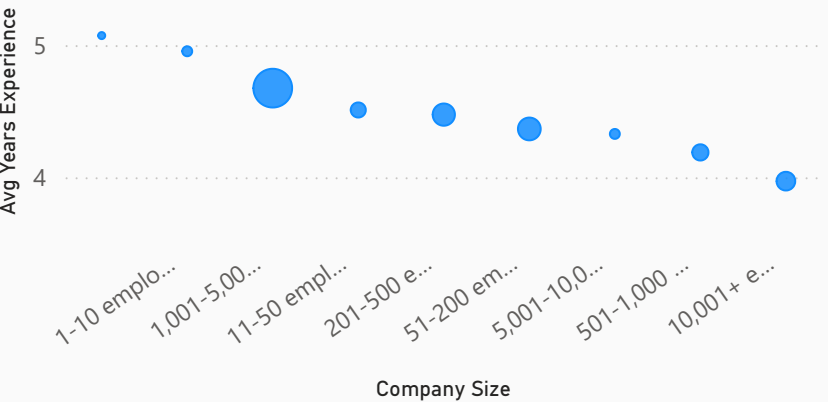
Average of Years of Experience by Job Position Level
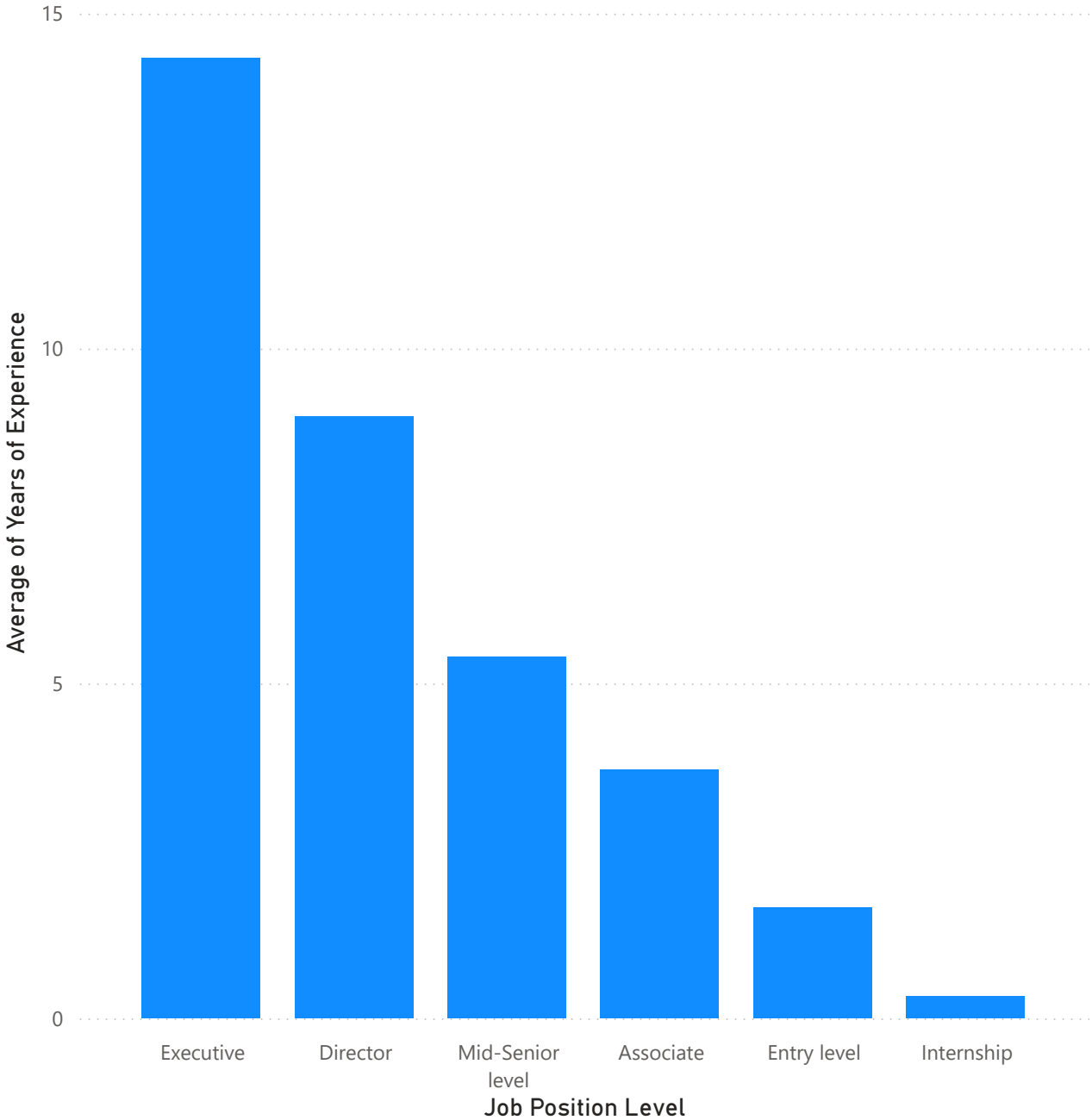
Count of Job Posting ID by Year, Quarter, Month and Job Position Level

Job Position Level ● Associate ● Director ● Entry level ● Executive ● Internship ● Mid-Senior level
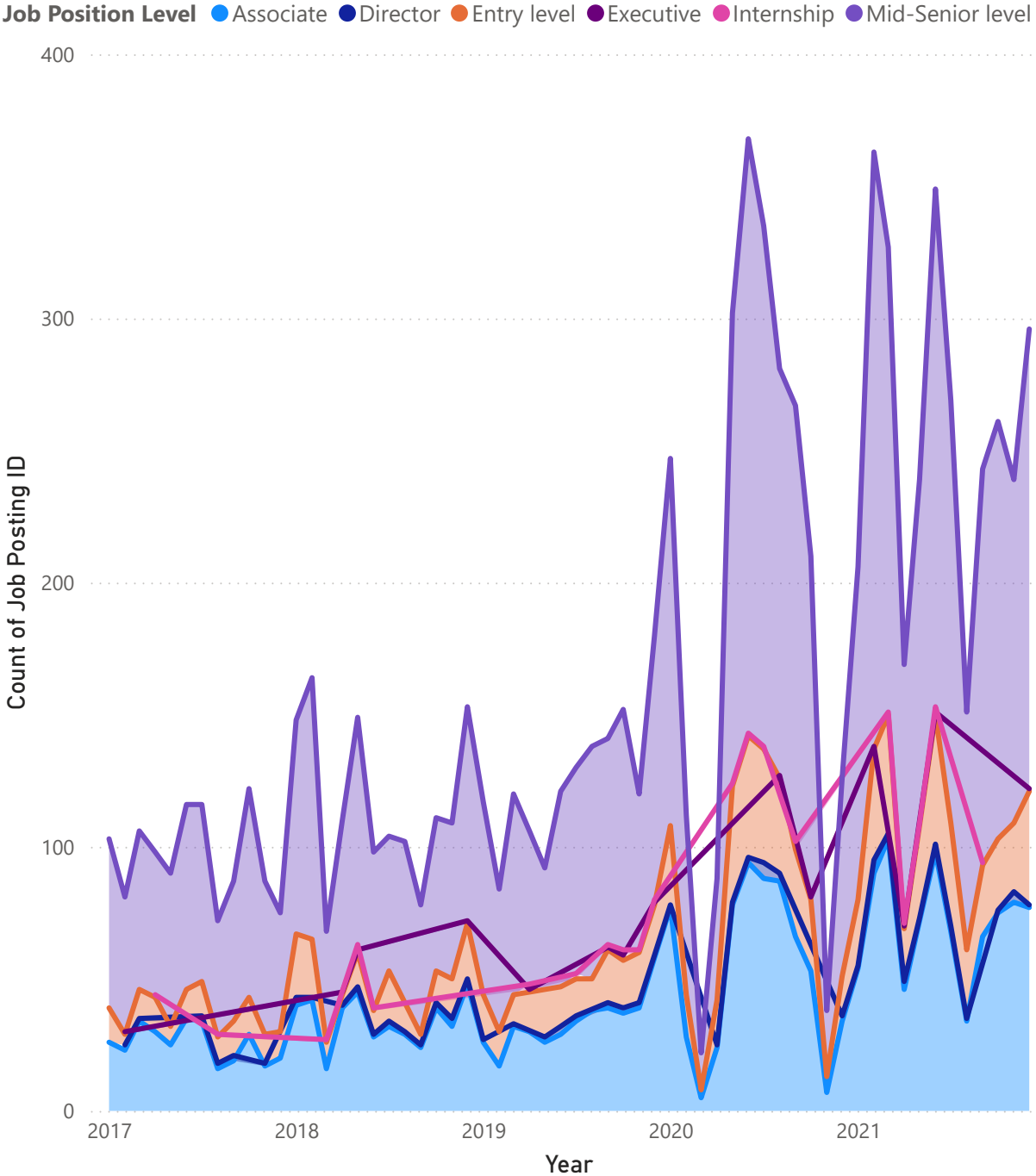
Count of Job Skills by Job Title and Job Skills
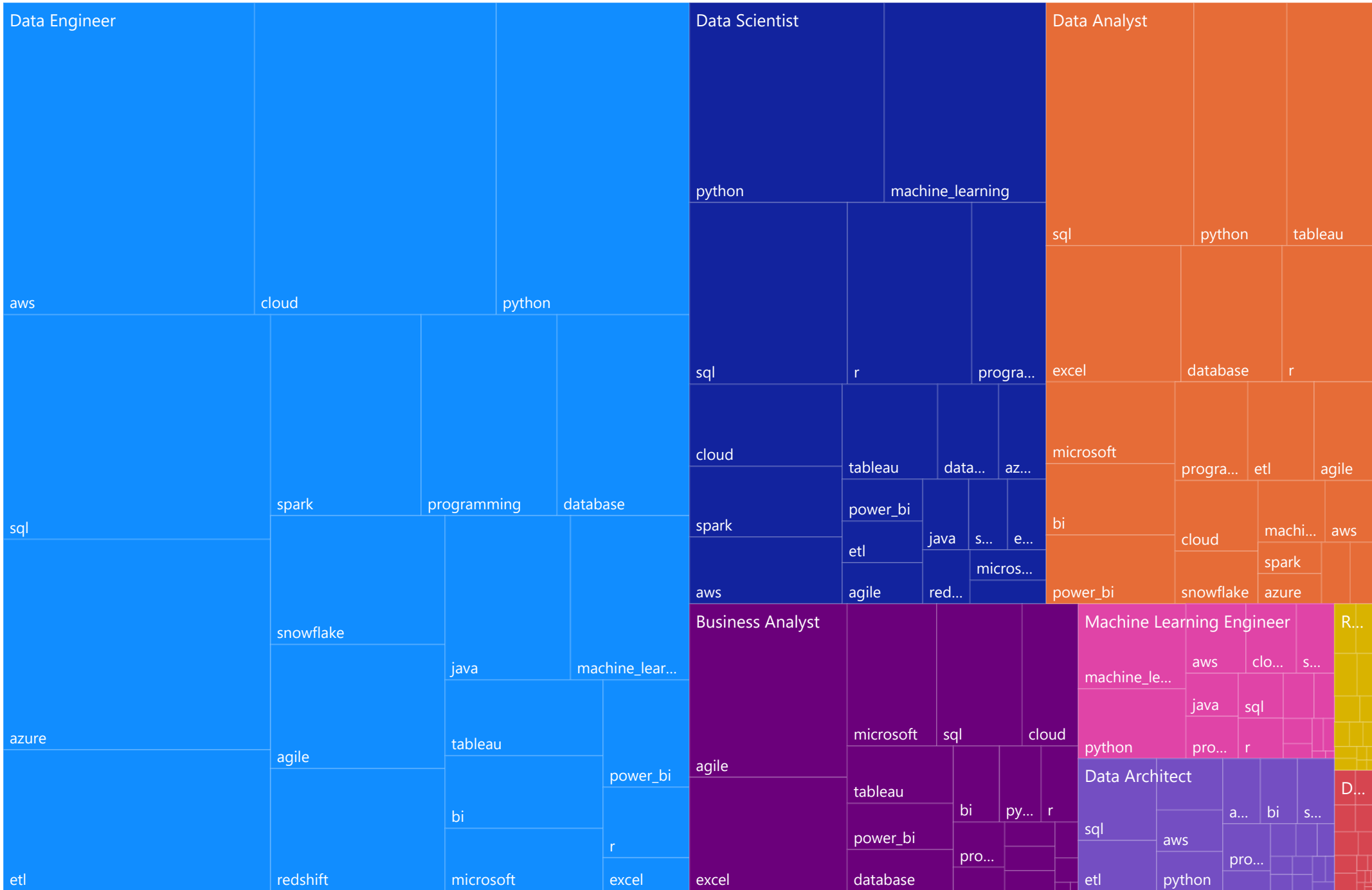
Job Title

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

Job Skills

- Search
- [ ] agile
- [ ] agile/scrum
- [ ] ai
- [ ] ai/ml
- [ ] airflow
- [ ] ajax
- [ ] alteryx
- [ ] apache
- [ ] asp.net
- [ ] atlassian
- [ ] aurora
- [ ] aws
- [ ] azure
- [ ] backend
- [ ] back-end
- [ ] bash

Average of Average Pay by Years of Experience and Job Title

Job Title ● Business... ● Data An... ● Data Ar... ● Data En... ● Data Sci... ● Data Sci... ● Machine... ▶

Count of Job Skills by Job Skills

Chart: Count of Job Skills by Job Skills. Y-axis "Count of Job Skills" ranging 0K to 4K. X-axis "Job Skills" with bars for: sql, python, cloud, aws, machine_learning, azure, agile, programming, etl, database, tableau, spark, r, excel, microsoft, snowflake, java, bi, power_bi, redshift, hadoop, warehousing, ml, airflow, ai, scala, nosql, looker, coding, git, gcp, saas, server, devops, data_lake, oracle, scrum, go, mysql, jira, pandas, ci/cd, word, apache, powerpoint, docker, postgres, c
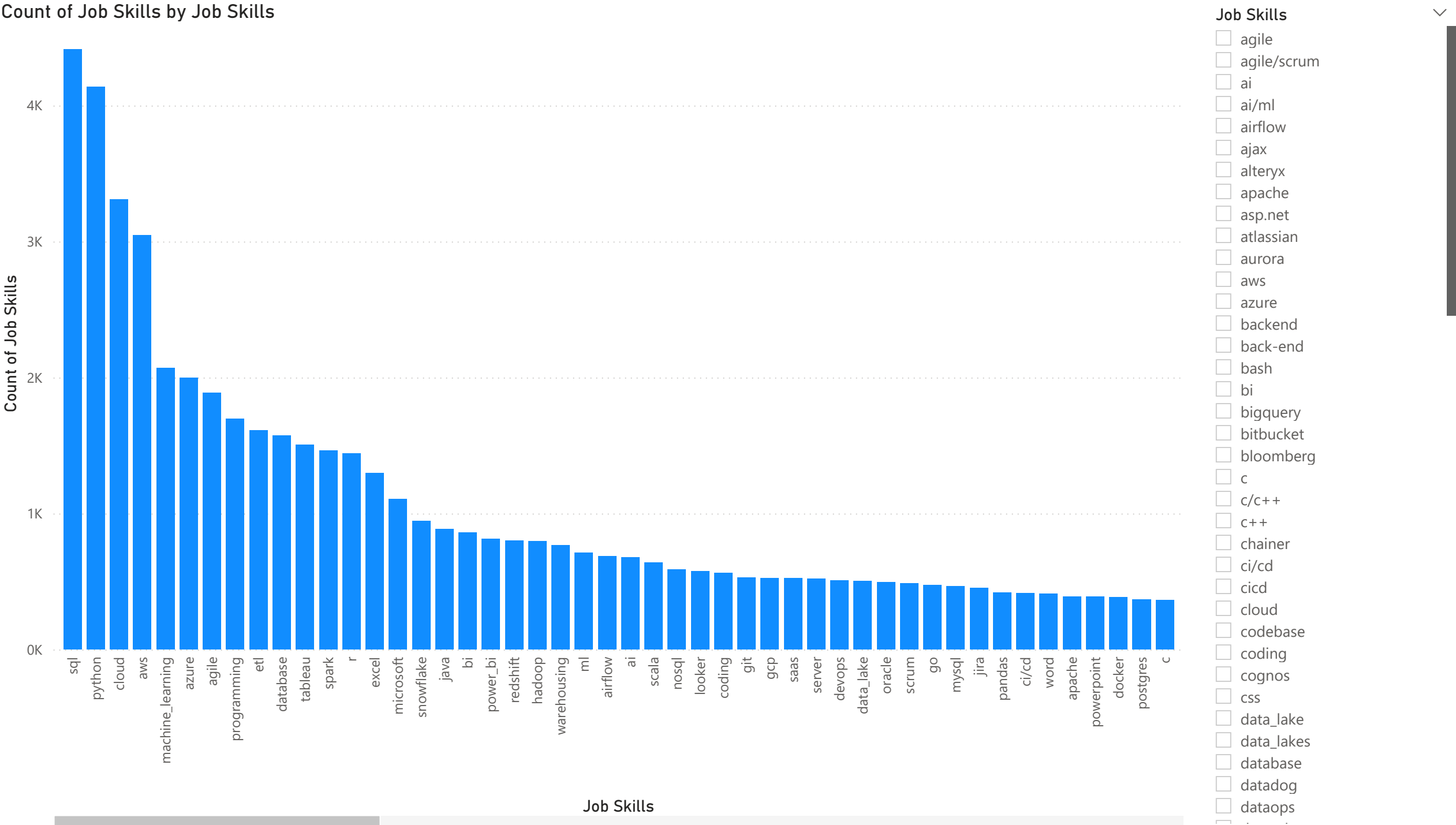
Job Skills filter list:
- agile
- agile/scrum
- ai
- ai/ml
- airflow
- ajax
- alteryx
- apache
- asp.net
- atlassian
- aurora
- aws
- azure
- backend
- back-end
- bash
- bi
- bigquery
- bitbucket
- bloomberg
- c
- c/c++
- c++
- chainer
- ci/cd
- cicd
- cloud
- codebase
- coding
- cognos
- css
- data_lake
- data_lakes
- database
- datadog
- dataops

% Skill in Posting by Year, Quarter and Job Skills

Job Skills ●agile ●aws ●azure ●cloud ●database ●etl ●machine_learning ●programming ●python ●sql

Job Skills	Business Analyst	Data Analyst	Data Architect	Data
sql	18.27%	73.13%	90.23%	
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programming	3.48%	14.61%	31.63%	
etl	1.84%	13.33%	55.81%	
database	6.62%	28.01%	13.49%	
tableau	9.16%	44.31%	9.77%	
spark	0.20%	4.04%	33.95%	
r	4.23%	26.13%	2.79%	
excel	26.98%	37.37%	3.26%	
microsoft	19.16%	21.48%	4.65%	
snowflake	0.85%	8.89%	5.12%	
java	1.24%	3.30%	4.65%	
bi	5.28%	18.72%	33.95%	
power_bi	7.37%	18.05%	5.58%	
redshift	0.10%	3.57%	5.12%	
hadoop	0.30%	8.08%	9.77%	
warehousing	1.44%	5.25%	6.98%	
ml	0.40%	0.61%	3.26%	
airflow		2.63%	28.37%	
ai	3.09%	4.11%	3.26%	
scala	0.15%	2.76%	1.86%	
nosql	0.15%	2.42%	34.88%	
looker	1.14%	18.65%	0.47%	
coding	1.94%	4.58%	1.86%	
git	1.10%	3.23%	27.91%	
gcp	0.15%	1.68%	2.33%	
saas	5.38%	8.62%	2.79%	
server	2.64%	5.66%	4.19%	
devops	1.89%	0.94%	33.02%	

Job Title

- ☐ 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

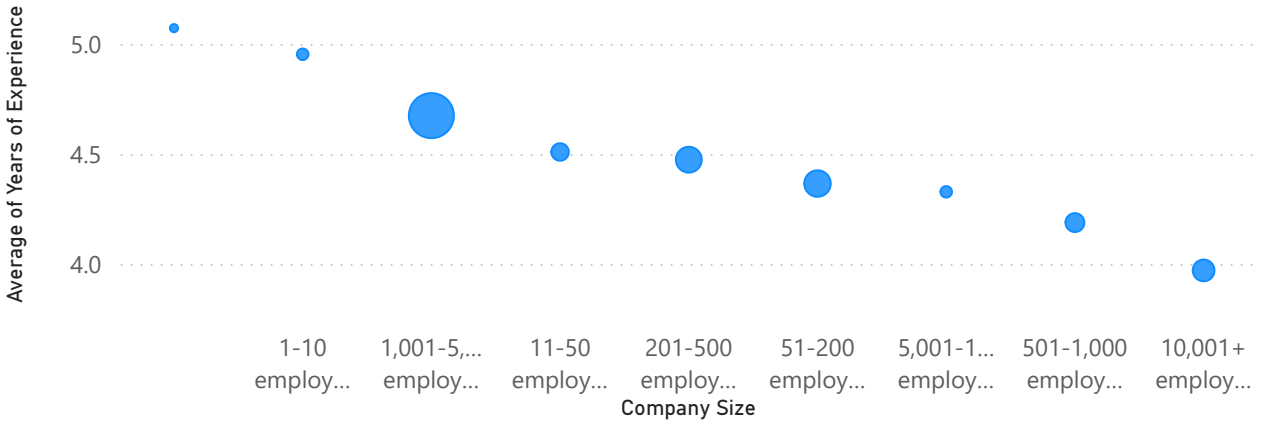# Average of Years of Experience, Posting Count and Posting Count by Job Position Level and Company Industry

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

Average of Years of Experience vs Company Industry (bubble chart)

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
Total		**9556**

Skill Count by Company Industry (bar chart)
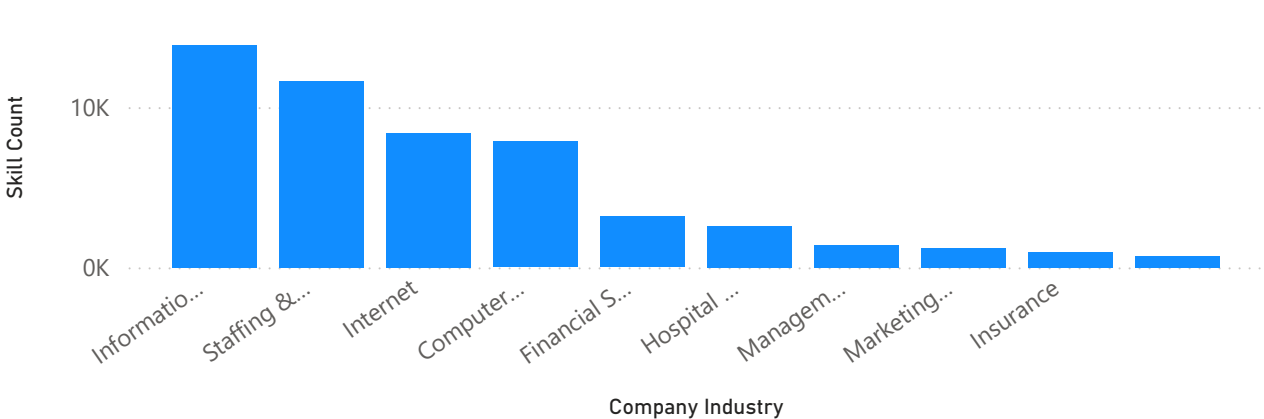
Average of Years of Experience and Posting Count by Company Size

Average of Years of Experience and Posting Count by Company Industry