

# DATASEARCH

Data Science Job Market Insights

Dashboard  
by Marco Stallmann  
2022

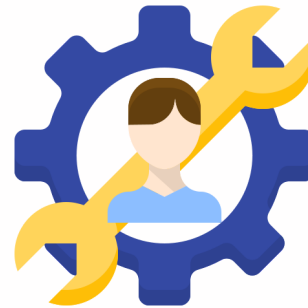
as part of the

Case Study: Analyzing  
Job Market Data in  
Power BI  
(Datacamp.com)

*Select a dashboard to view*



Jobs



Skills



Company

Jobs Overview

9556

Posting Count

4,49

Average Years Experience



Home

Job Title

All

Job Position Level

All

Company Name

All

Company Size

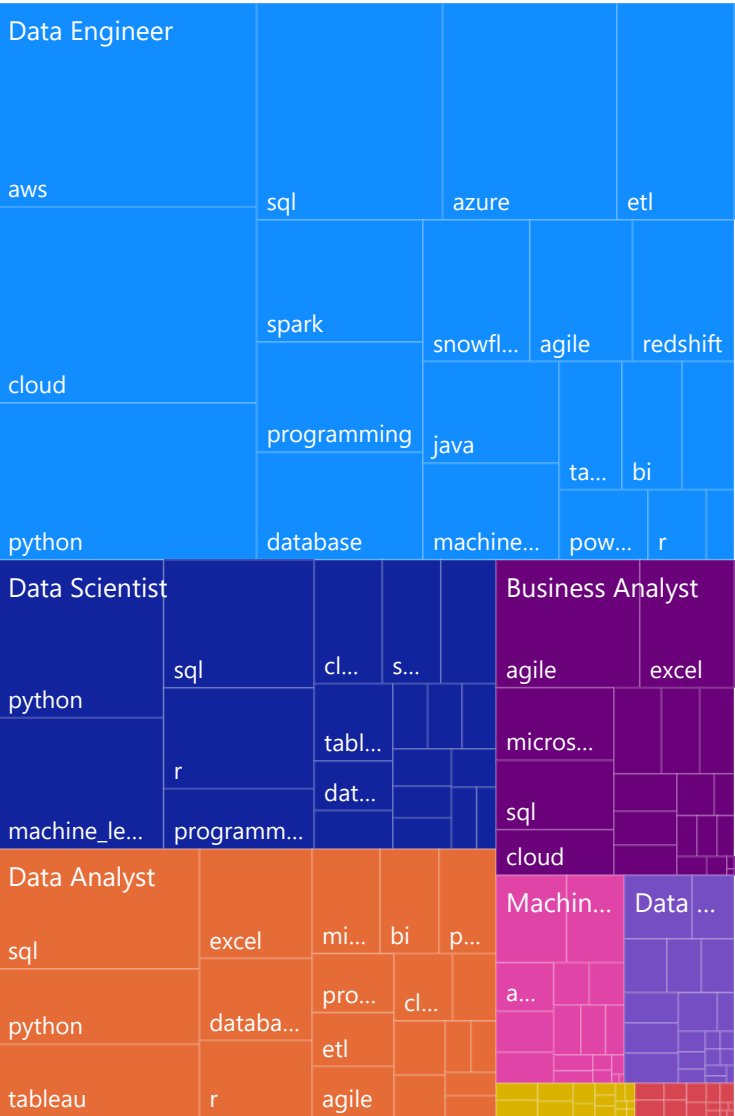
All

Company Industry

All

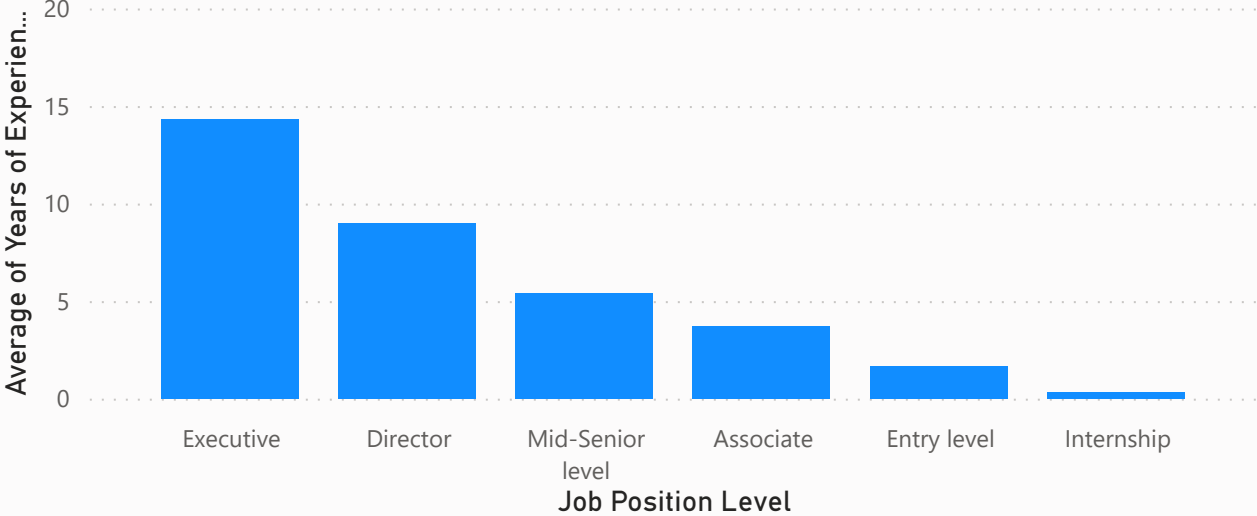
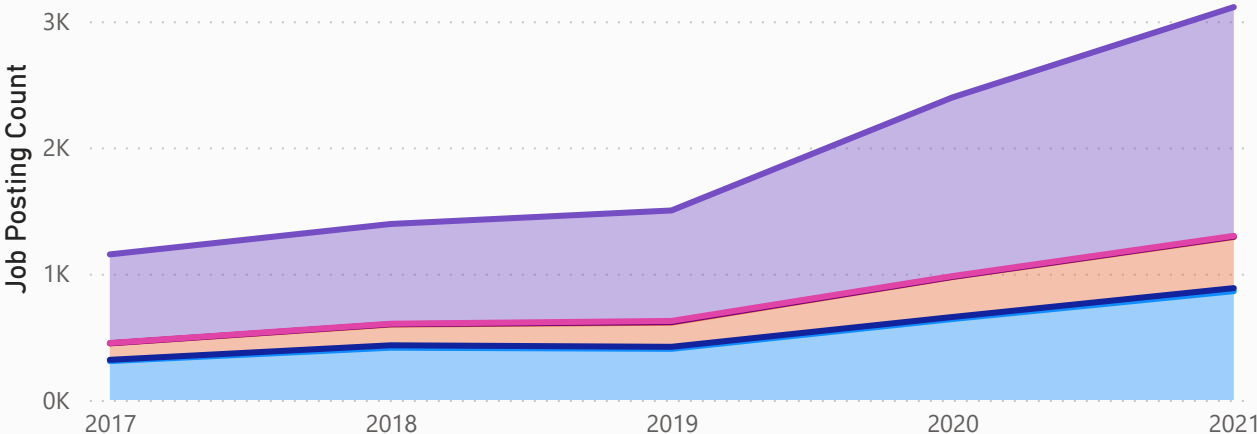
Job Posting Date

01.01.2017 31.12.2021



Job Position Level

Associate Director Entry level Executive Internship Mid-Senior level



skills Overview

166  
Distinct Count of Skills

8561  
Job Postings with Skills



Job Title

All

Job Position Level

All

Company Name

All

Company Size

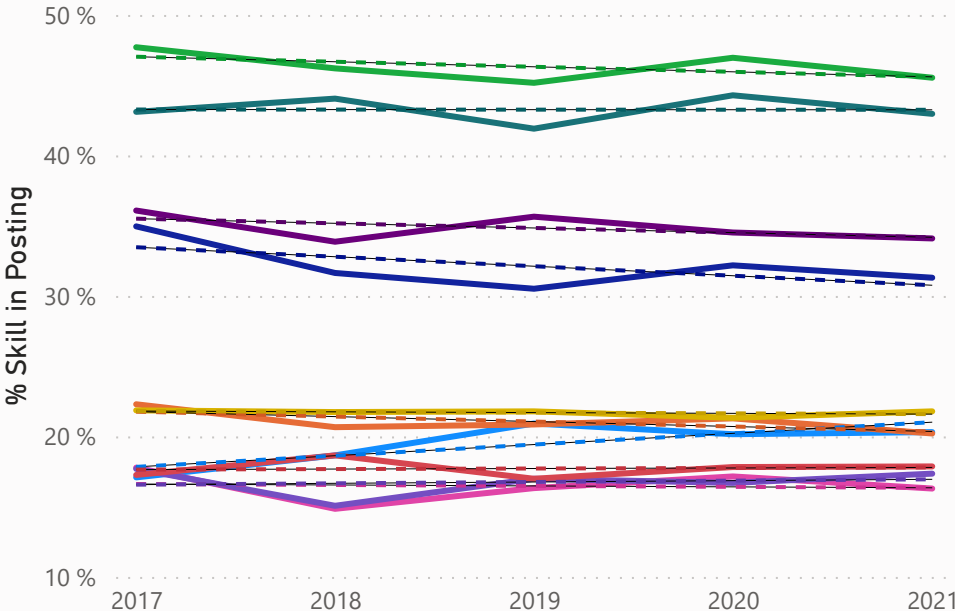
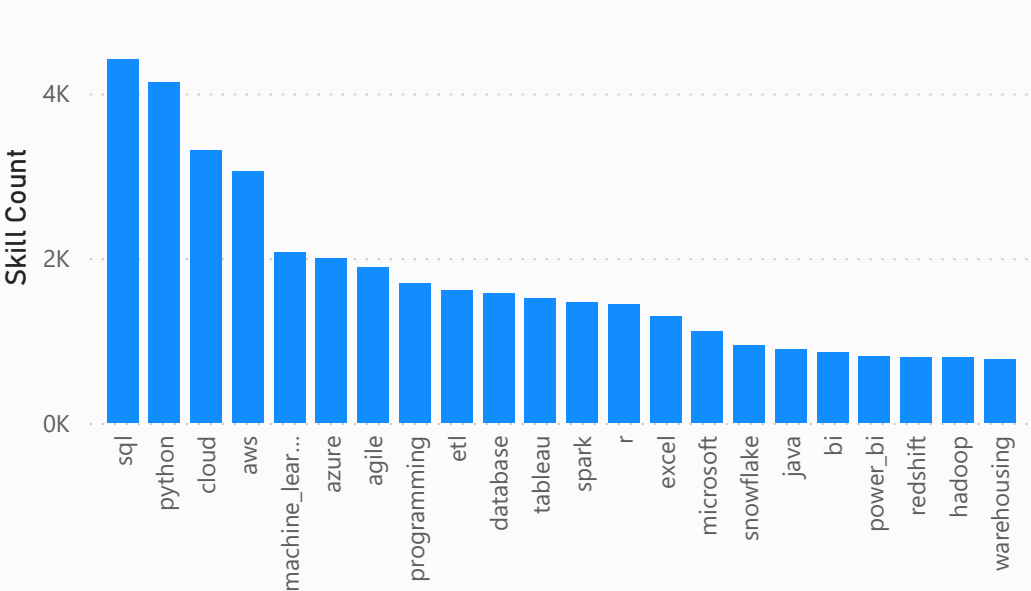
All

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 Scientist
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 %	13,33 %	55,81 %	32,96 %	4,35 %	5,05 %	3,89 %	

Company Overview

Average Pay

\$100,96K

\$116K

\$131,59K



Home

Job Title

All

Job Position Level

All

Company Name

All

Company Size

All

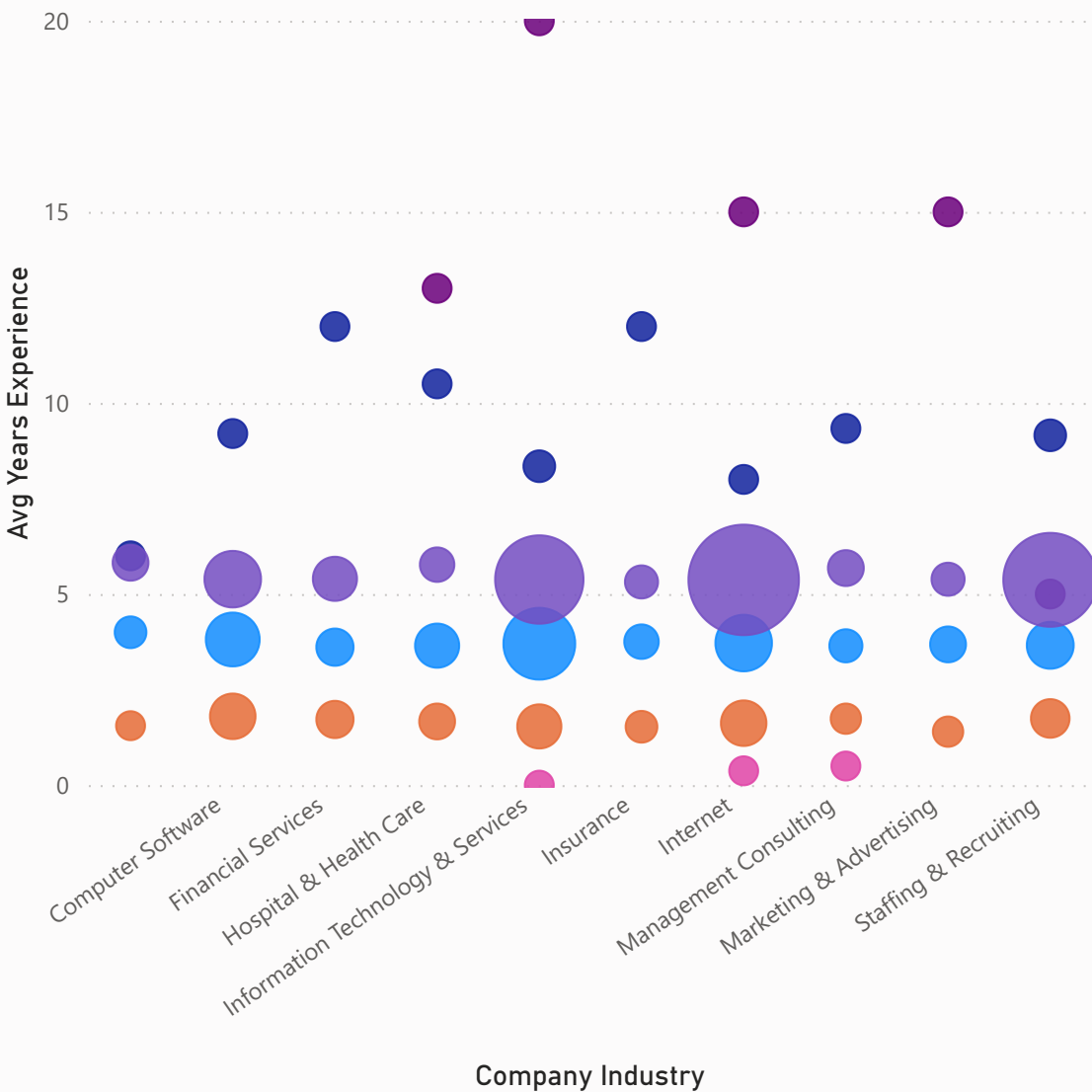
Company Industry

All

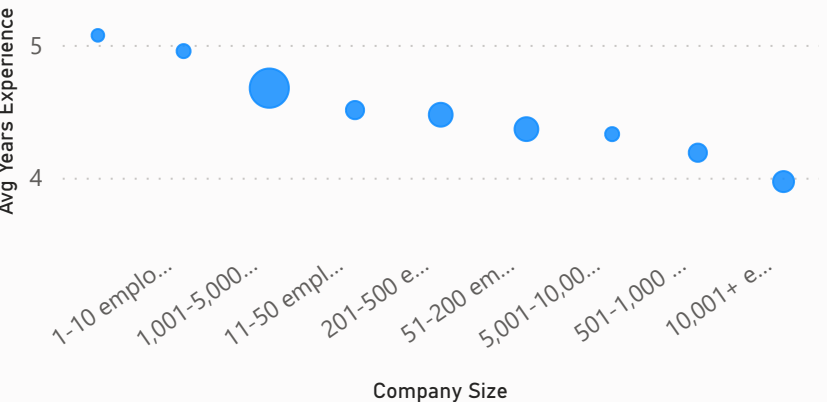
Job Posting Date

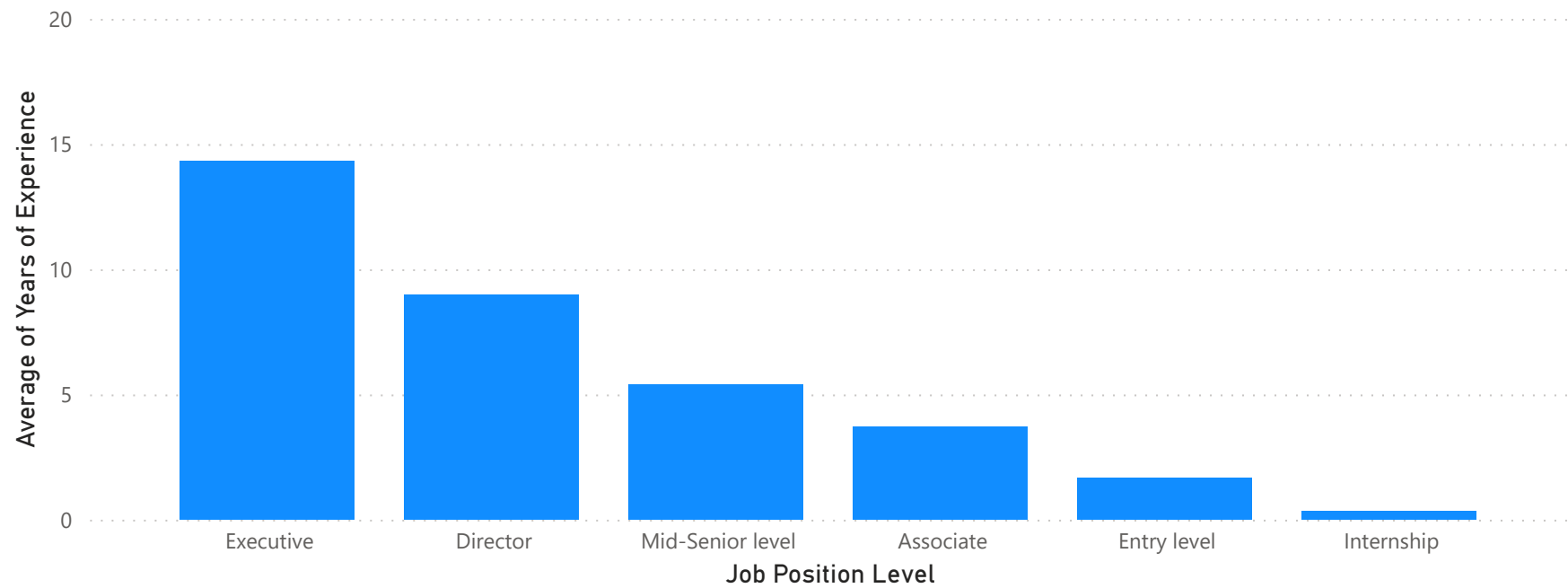
01.01.2017

31.12.2021

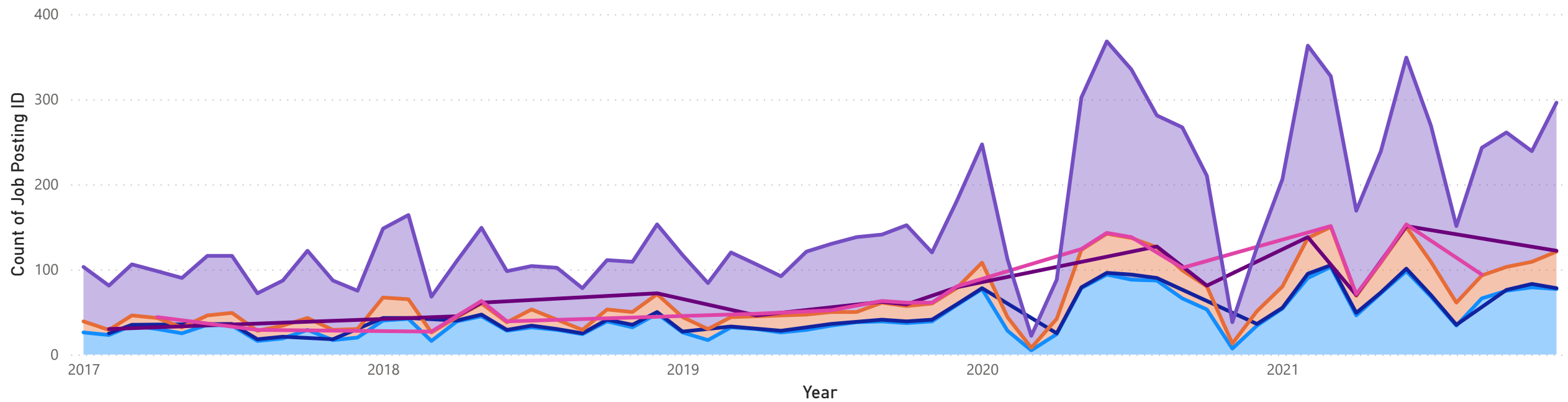


Job Title	Company Name	Posting Count
Data Engineer	Toptal	994
Data Scientist	Toptal	673
Business Analyst	Perficient	220
Data Engineer	Jobot	183
Data Architect	Perficient	149
Data Engineer	Recruiting from Scratch	120
Business Analyst	Dice	103
Data Scientist	Jobot	97
Data Engineer	Dice	89
Data Analyst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

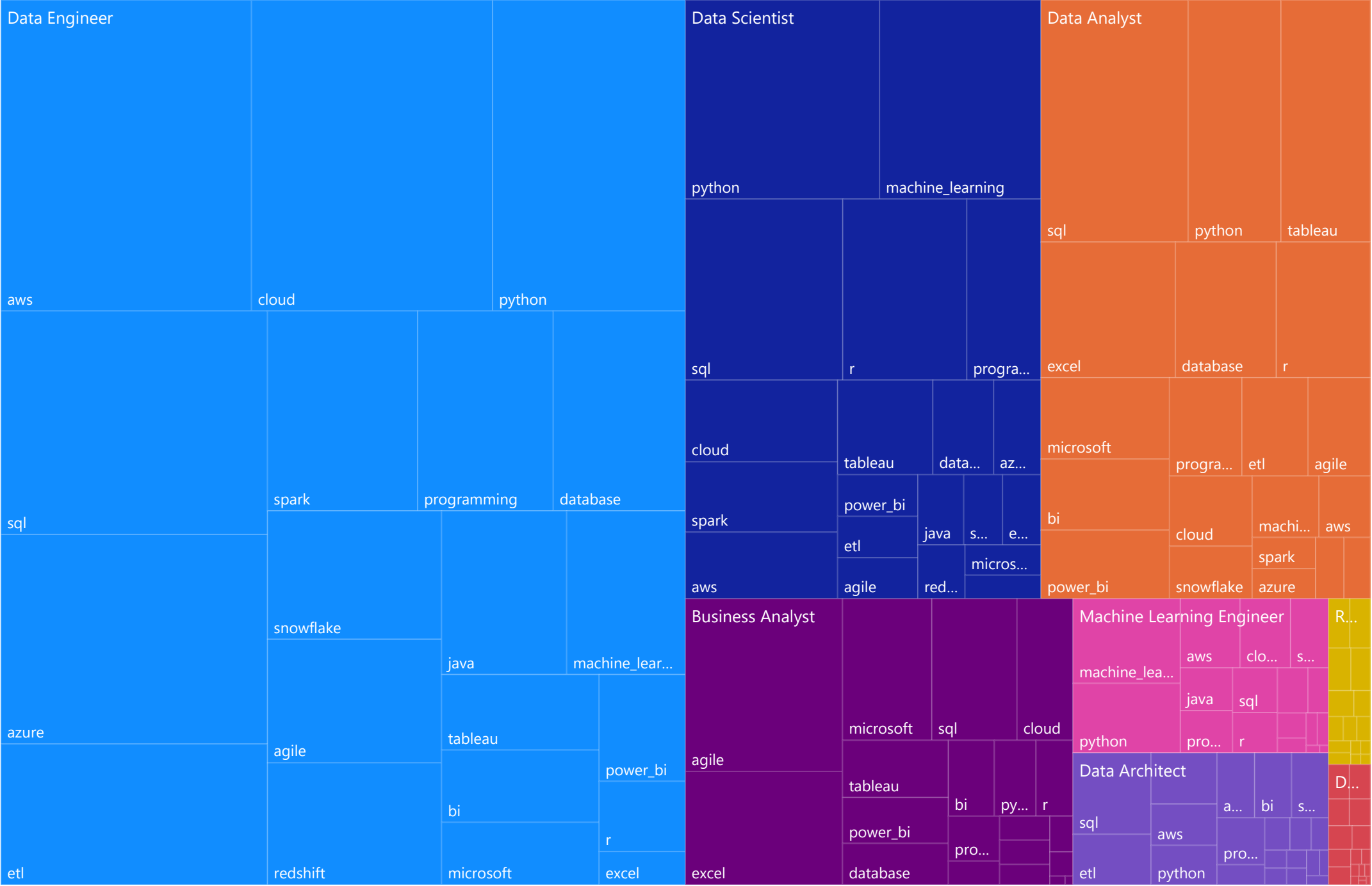




Job Position Level ● Associate ● Director ● Entry level ● Executive ● Internship ● Mid-Senior level



Job Skills by Job Title



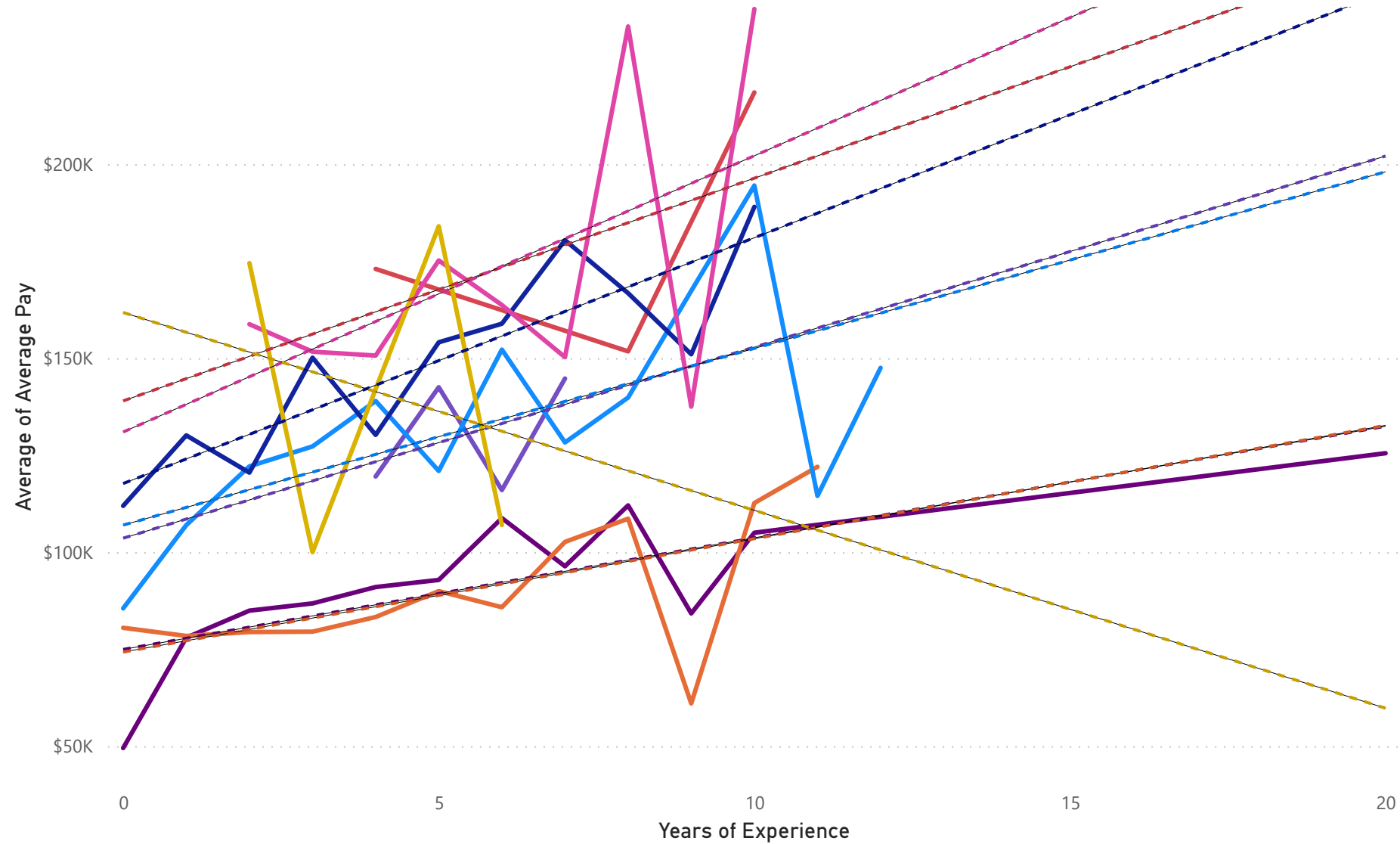
Job Title

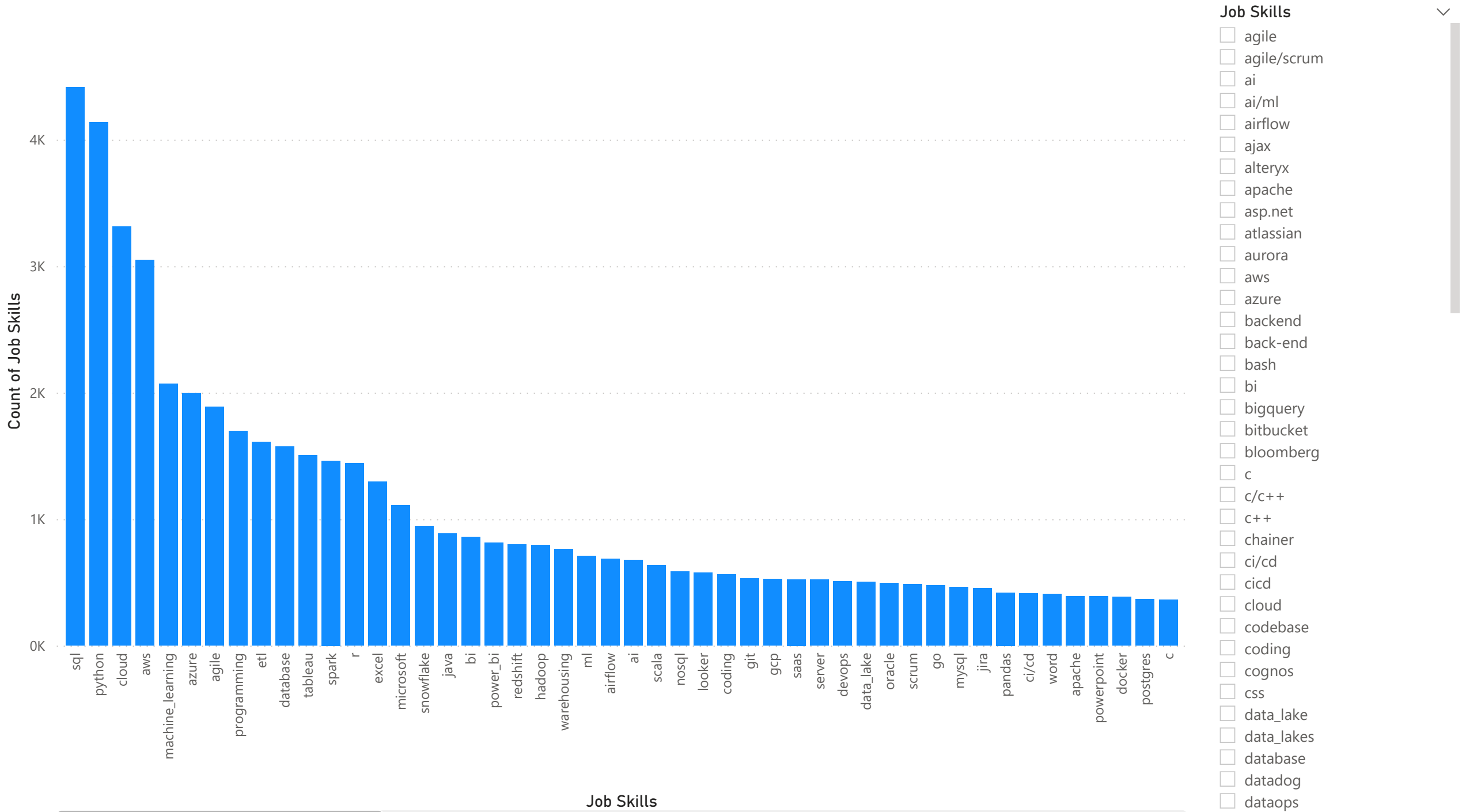
- ☐ Business Analyst
- ☐ Data Analyst
- ☐ Data Architect
- ☐ Data Engineer
- ☐ Data Science Manager
- ☐ Data Scientist
- ☐ Machine Learning Engin...
- ☐ Research Scientist

Job Skills

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

**Job Title** ● Business Analyst ● Data Analyst ● Data Architect ● Data Engineer ● Data Science Ma... ● Data Scientist ● Machine Learn... ● Research Sci...

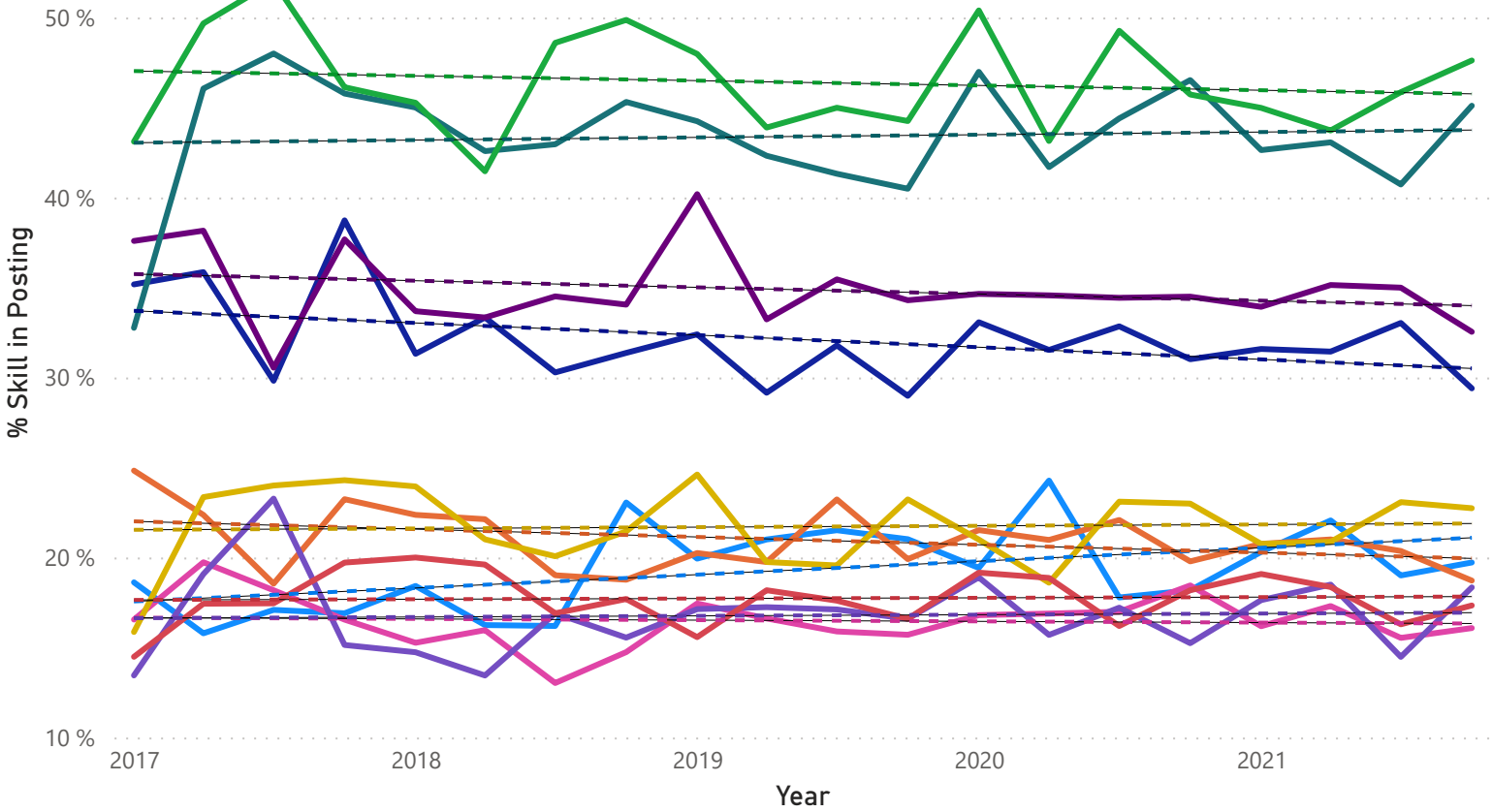






Likelihood of skills in Job Postings

Job Skills agile aws azure cloud database etl machine\_learning programming python sql

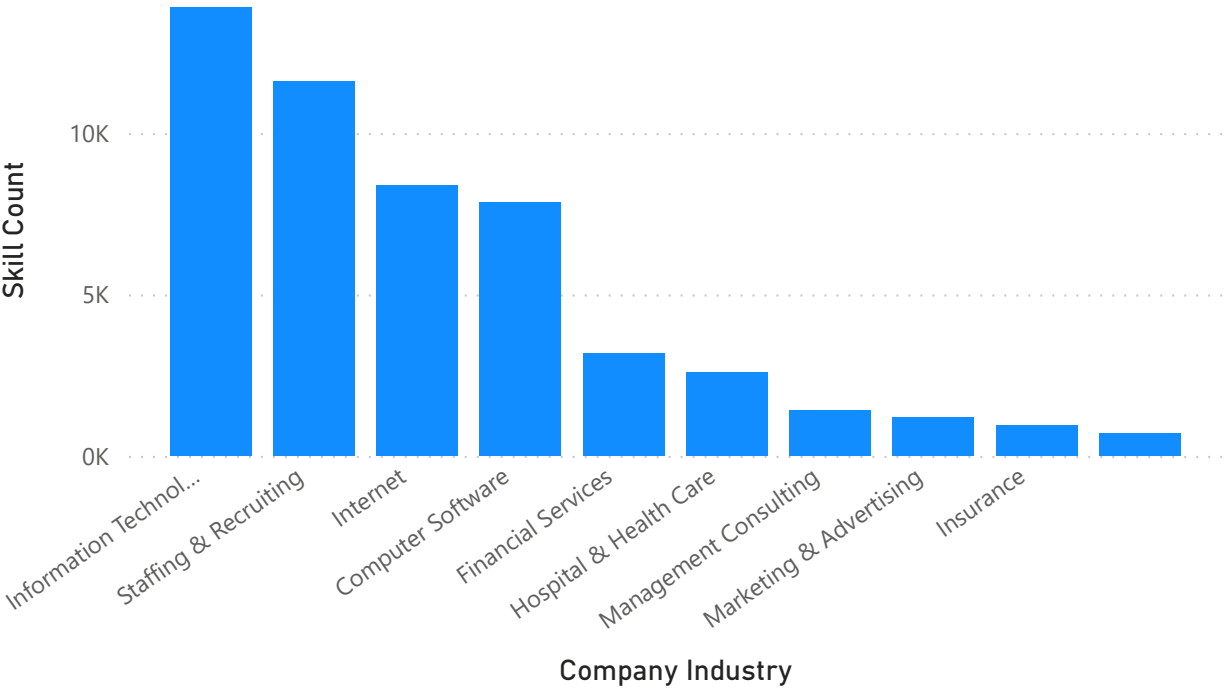
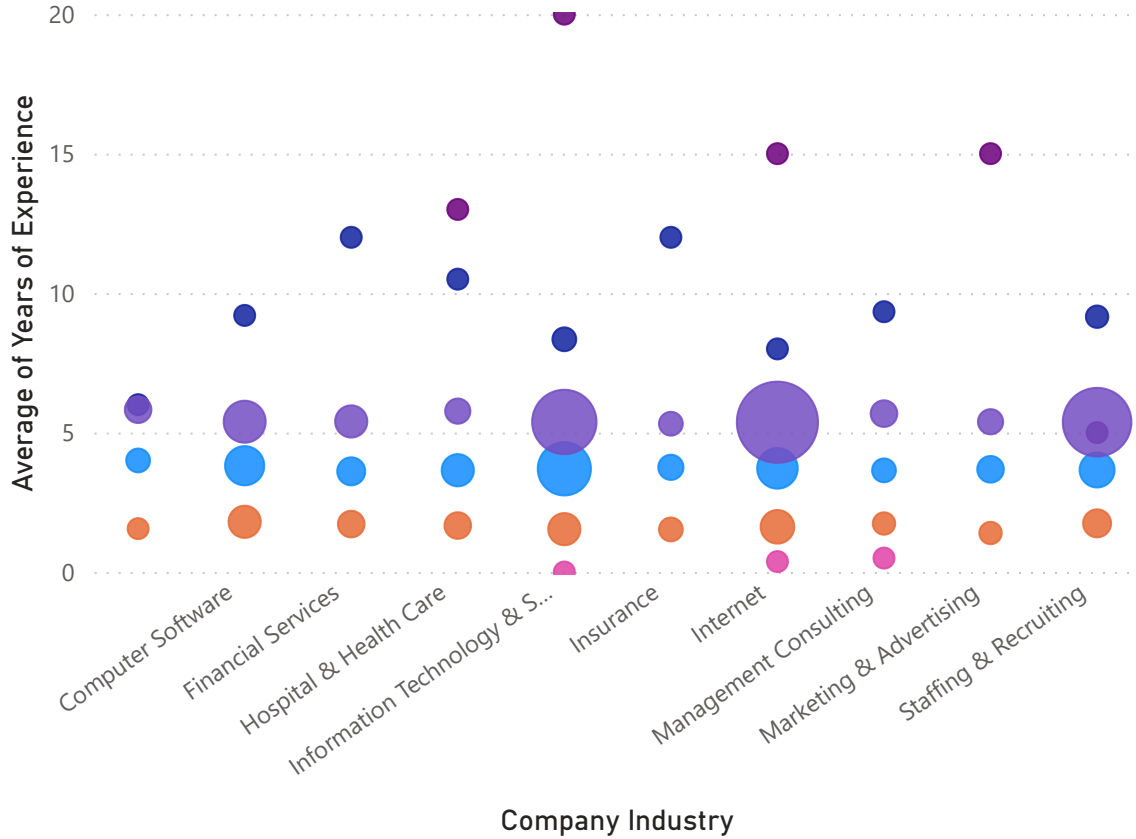


- Job Title
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- Job Skills
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  - ☐ alteryx

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programming	3,48 %	14,61 %	31,63 %	47,91 %
etl	1,84 %	13,33 %	55,81 %	47,91 %
database	6,62 %	28,01 %	13,49 %	47,91 %
tableau	9,16 %	44,31 %	9,77 %	47,91 %
spark	0,20 %	4,04 %	33,95 %	47,91 %
r	4,23 %	26,13 %	2,79 %	47,91 %
excel	26,98 %	37,37 %	3,26 %	47,91 %
microsoft	19,16 %	21,48 %	4,65 %	47,91 %
snowflake	0,85 %	8,89 %	5,12 %	47,91 %
java	1,24 %	3,30 %	4,65 %	47,91 %
bi	5,28 %	18,72 %	33,95 %	47,91 %
power_bi	7,37 %	18,05 %	5,58 %	47,91 %
redshift	0,10 %	3,57 %	5,12 %	47,91 %
hadoop	0,30 %	8,08 %	9,77 %	47,91 %
warehousing	1,44 %	5,25 %	6,98 %	47,91 %
ml	0,40 %	0,61 %	3,26 %	47,91 %
airflow		2,63 %	28,37 %	47,91 %
ai	3,09 %	4,11 %	3,26 %	47,91 %
scala	0,15 %	2,76 %	1,86 %	47,91 %
nosql	0,15 %	2,42 %	34,88 %	47,91 %
looker	1,14 %	18,65 %	0,47 %	47,91 %
coding	1,94 %	4,58 %	1,86 %	47,91 %
git	1,10 %	3,23 %	27,91 %	47,91 %
gcp	0,15 %	1,68 %	2,33 %	47,91 %
saas	5,38 %	8,62 %	2,79 %	47,91 %
server	2,64 %	5,66 %	4,19 %	47,91 %
devops	1,89 %	0,94 %	33,02 %	47,91 %
data_lake	0,20 %	4,38 %	47,44 %	47,91 %
<	1,22 %	2,76 %	5,12 %	>

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