DATASEARCH

Data Science Job Market Insights

Select a dashboard to view

Jobs

Skills

Company

DATA SEARCH

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
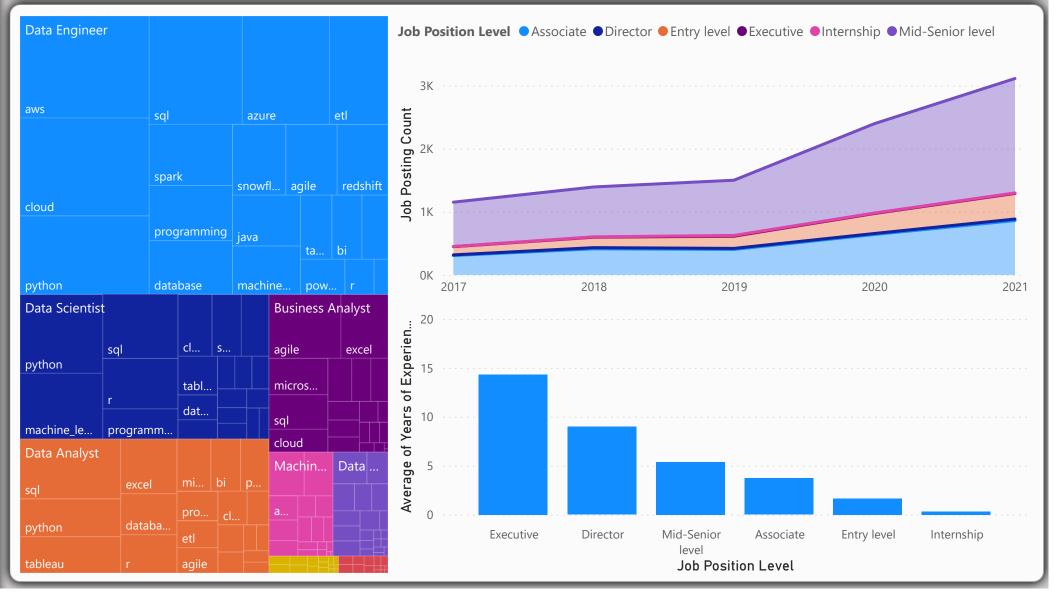
Data Science Job Market Insights

Jobs Overview

9556
Posting Count

4.49
Average Years Experience

Home

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

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

Business Analyst
agile | excel
micros...
sql
cloud
Machin... | Data ...

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

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

Job Posting Count chart: 2017, 2018, 2019, 2020, 2021

Average of Years of Experience by Job Position Level:
Executive ~14.5, Director ~9, Mid-Senior level ~5.5, Associate ~3.5, Entry level ~1.5, Internship ~0.2

Job Position Level

DATA SEARCH

Job Title
All

Job Position Level
All

Company Name
All

Company Size
All

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All

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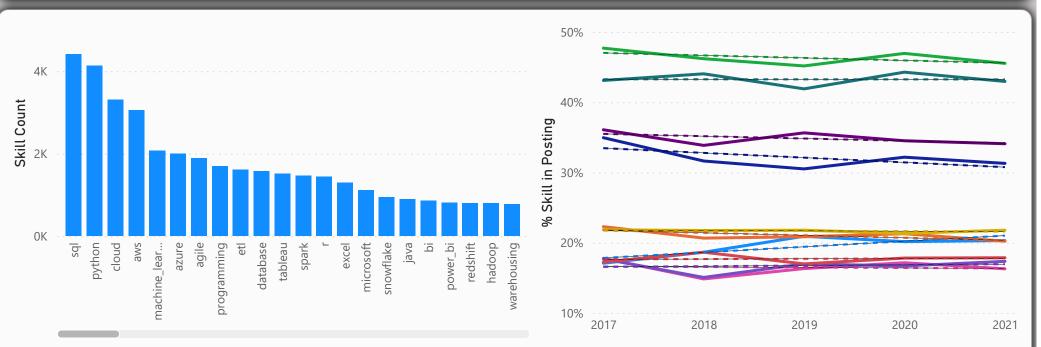

Data Science Job Market Insights

Skills Overview

166
Distinct Count of Skills

8561
Job Postings with Skills

Home

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%	33.96%	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
1/1/2017   12/31/2021
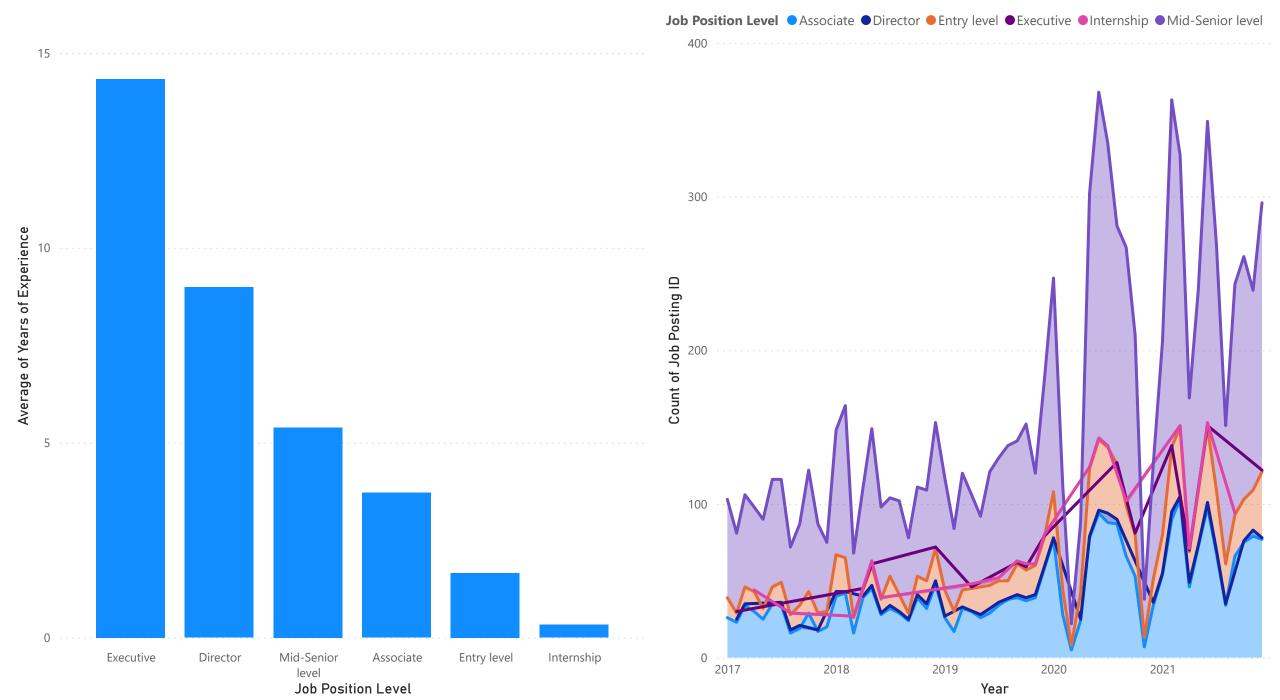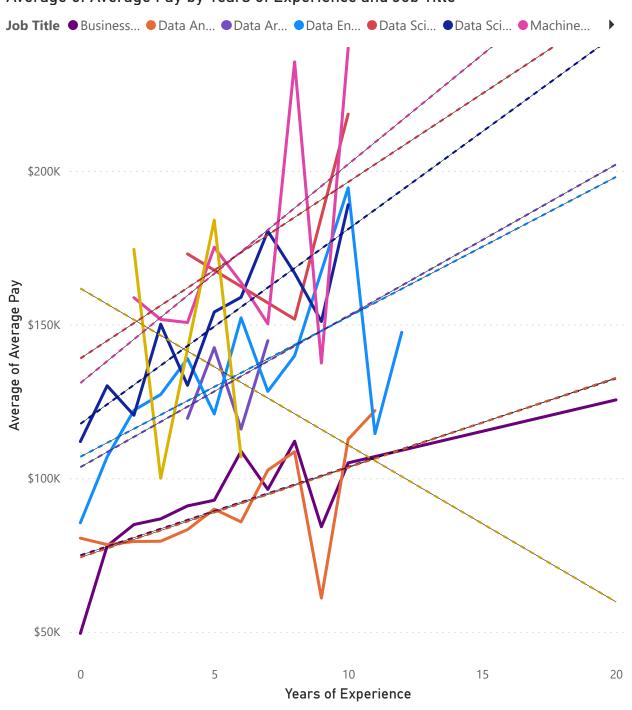
Job Title	Company Name	Posting Count
Data Engineer	Toptal	994
Data Scientist	Toptal	673
Business Analyst	Perficient	220
Data Engineer	Jobot	183
Data Architect	Perficient	149
Data Engineer	Recruiting from Scratch	120
Business Analyst	Dice	103
Data Scientist	Jobot	97
Data Engineer	Dice	89
Data Analyst	Perficient	50
Business Analyst	Zscaler	44
Business Analyst	Jobot	43
Data Analyst	Kraken Digital Asset Exchange	43

Avg Years Experience vs Company Industry

Avg Years Experience vs Company Size

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
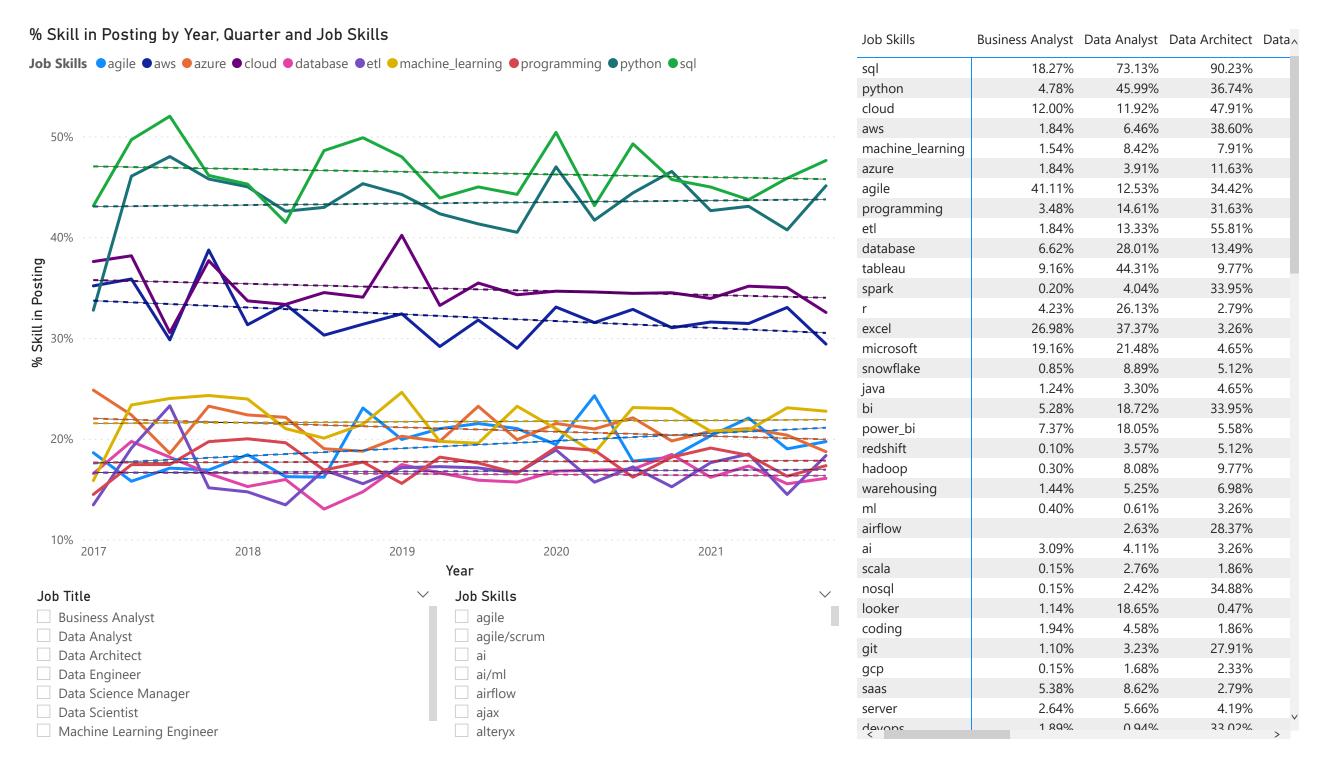
Count of Job Skills by Job Title and Job Skills

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

Treemap panels:

Data Engineer: aws, cloud, python, sql, spark, programming, database, azure, snowflake, java, machine_lear..., agile, tableau, power_bi, bi, r, etl, redshift, microsoft, excel

Data Scientist: python, machine_learning, sql, r, progra..., cloud, tableau, data..., az..., spark, power_bi, etl, java, s..., e..., aws, agile, red..., micros...

Data Analyst: sql, python, tableau, excel, database, r, microsoft, progra..., etl, agile, bi, cloud, machi..., aws, spark, power_bi, snowflake, azure

Business Analyst: agile, microsoft, sql, cloud, excel, tableau, bi, py..., r, power_bi, pro..., database

Machine Learning Engineer: machine_le..., aws, clo..., s..., java, sql, python, pro..., r, R...

Data Architect: sql, a..., bi, s..., aws, pro..., etl, python, D...

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... ▶
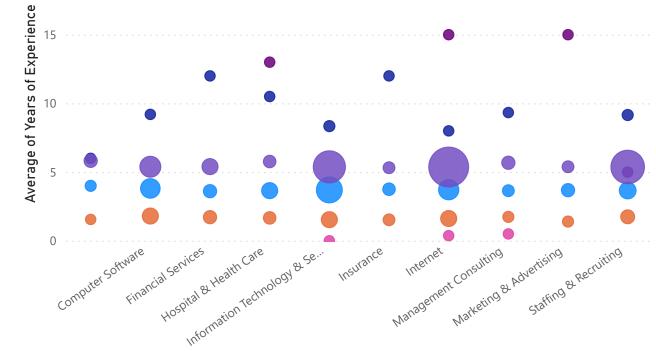
Count of Job Skills by Job Skills

Job Skills ⌄

- [ ] 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 Title
- ☐ Business Analyst
- ☐ Data Analyst
- ☐ Data Architect
- ☐ Data Engineer
- ☐ Data Science Manager
- ☐ Data Scientist
- ☐ Machine Learning Engineer

Job Skills
- ☐ agile
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- ☐ ai/ml
- ☐ airflow
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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%	

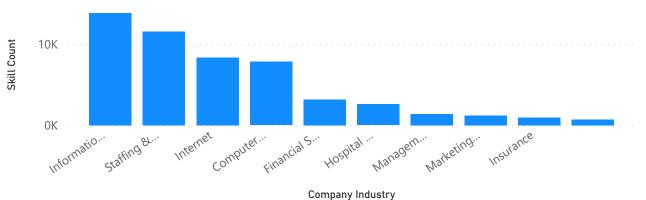# Average of Years of Experience, Posting Count and Posting Count by Job Position Level and Company Industry

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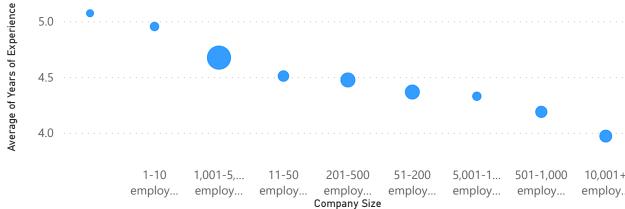
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Skill Count by Company Industry

Average of Years of Experience and Posting Count by Company Size

Average of Years of Experience and Posting Count by Company Industry