DATASEARCH

Data Science Job Market Insights

Select a dashboard to view

Jobs

Skills

Company

DATA SEARCH

Data Science Job Market Insights

Company Overview

AVG Pay

100.99K 187.34K 136.85K

Home

Job Title
All

Job Position Level
All

Company Size
All

Company Industry
All

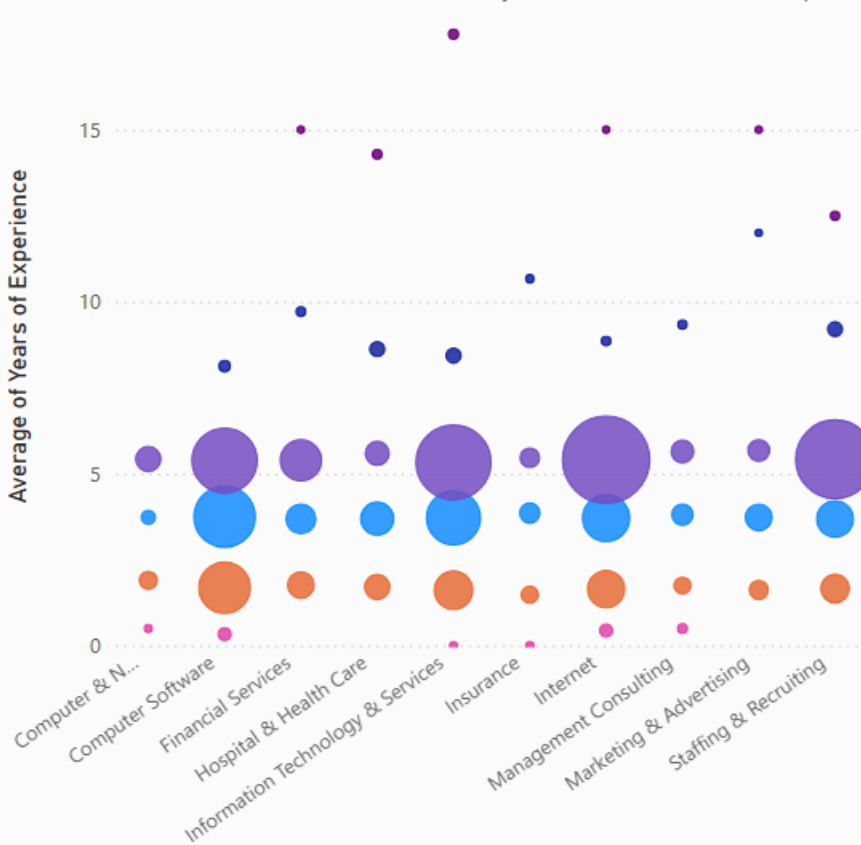## Job Posting Date
1/1/2017   12/31/2021

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

Average of Years of Experience

15

10

5

0

Company Industry: Computer & N..., Computer Software, Financial Services, Hospital & Health Care, Information Technology & Services, Insurance, Internet, Management Consulting, Marketing & Advertising, Staffing & Recruiting

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
Total		**25114**

AVG of Years of XP

5.0

4.5

4.0

Company Size: 1,001-5,000 employ..., 10,001+ employees, 1-10 employees, 11-50 employees, 201-500 employees, 5,001-10,000 emplo..., 501-1,000 employees, 51-200 employees
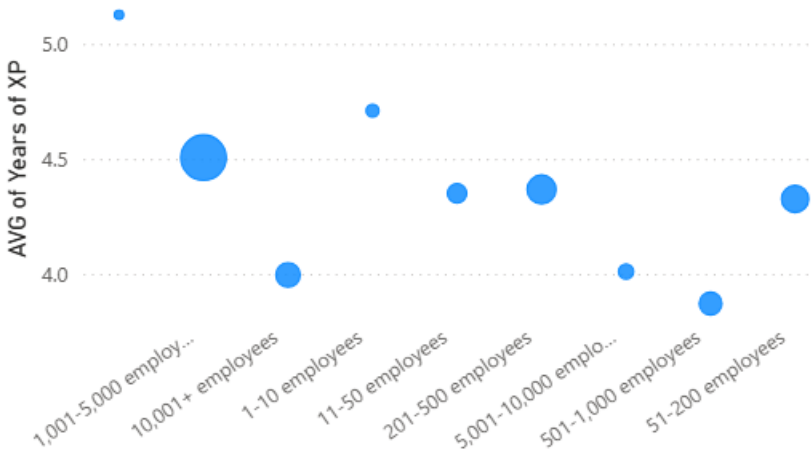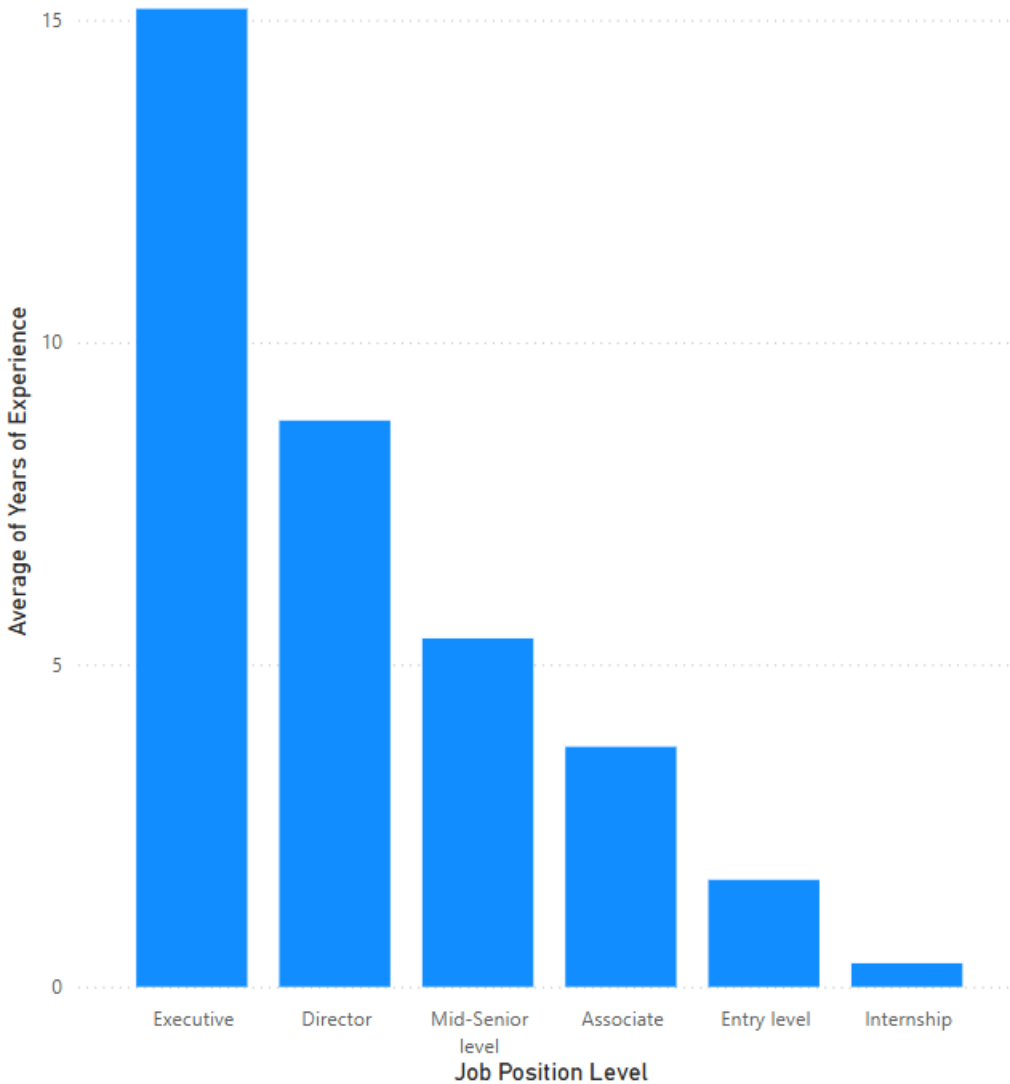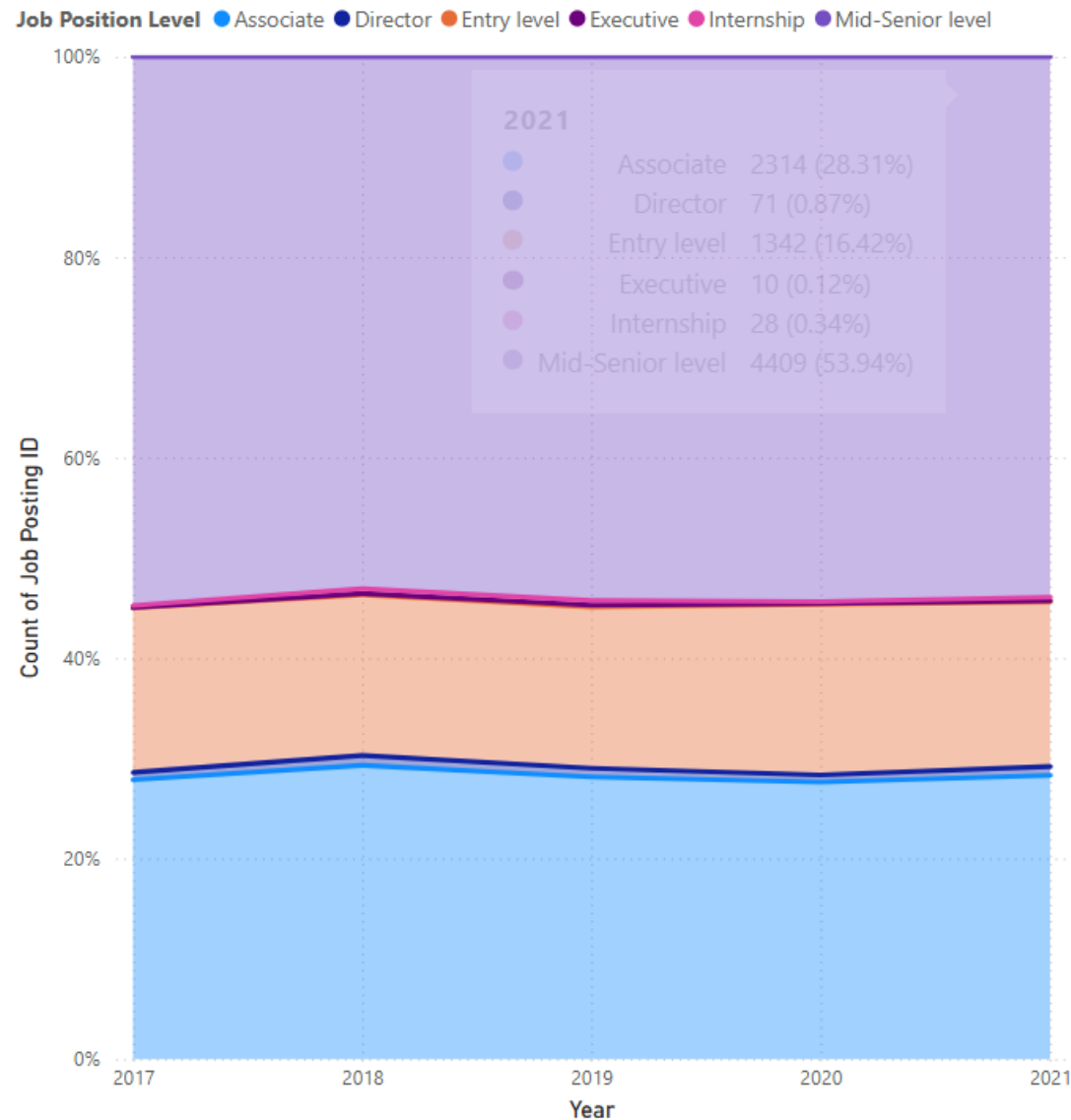
Average of Years of Experience by Job Position Level

Count of Job Posting ID by Year and Job Position Level

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

2021
● Associate 2314 (28.31%)
● Director 71 (0.87%)
● Entry level 1342 (16.42%)
● Executive 10 (0.12%)
● Internship 28 (0.34%)
● Mid-Senior level 4409 (53.94%)

Count of Job Title by Job Title and Job Skills

Data Engineer						Data Analyst		
agile						agile	aws	azure
aws	database	etl	excel	hadoop	java	bi	cloud	database
	machine_learning					etl	excel	hadoop
azure	programming		redshift	snowflake	spark	java	machin...	progra...
bi	python		sql			python	r	redshift
cloud	r		tableau		warehousi...	snowflake		
							sql	tableau

Data Scientist

agile	cloud	hadoop			
aws	database	java	python	r	redshift
azure	etl	machine_learni...	snowflake		
bi	excel	programming	spark	tableau	

spark | warehousing

Machine Learning Engineer

aws	etl	ma...		
azu...	excel	pro...	s...	s...
clo...	ha...	pyt...	sql	w...

Data Architect

Job Title

☐ Analytics Engineer
☐ Analytics Manager
☐ Business Analyst
☐ Business Consultant
☐ Business Intelligence Analyst
☐ Business Intelligence Developer
☐ Business Process Analyst
☐ Business System Analyst
☐ Compensation Analyst
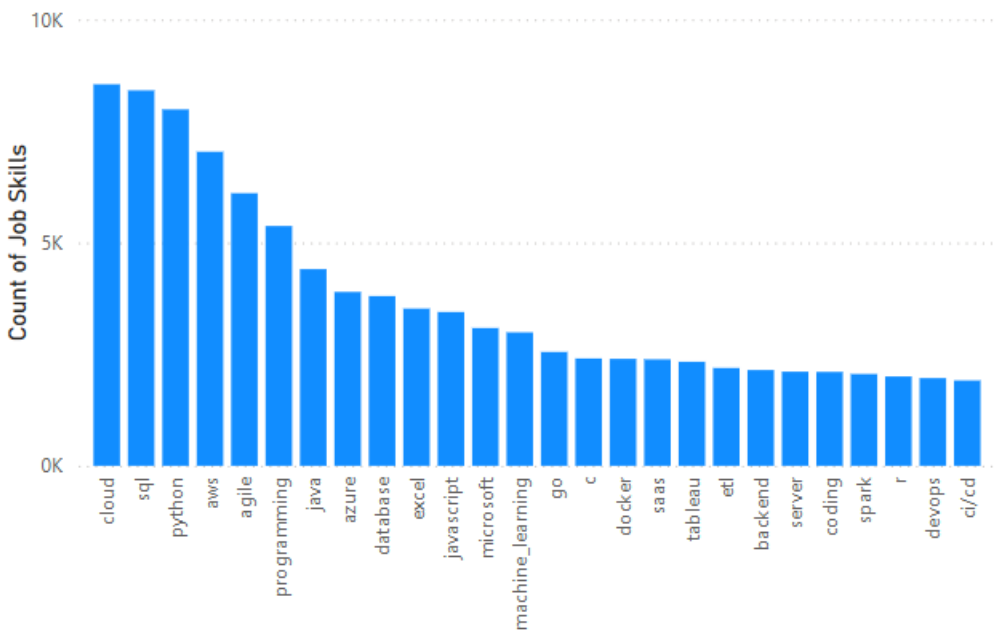☐ Compliance Analyst
☐ Compliance Engineer

Job Skills

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

AVG Of AVG Pay by Years of Experience and Job Title

Job Title ● Analytic... ● Analytic... ● Business... ● Business... ● Business... ▶
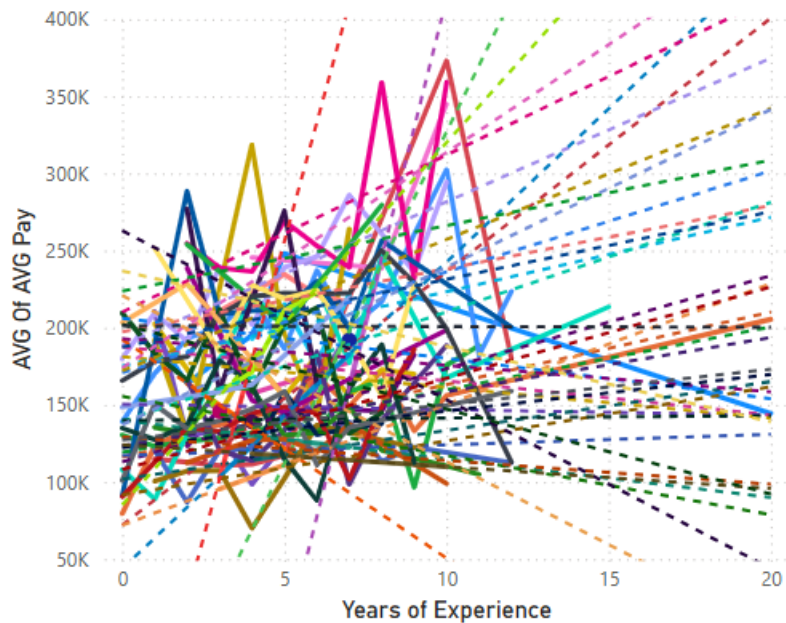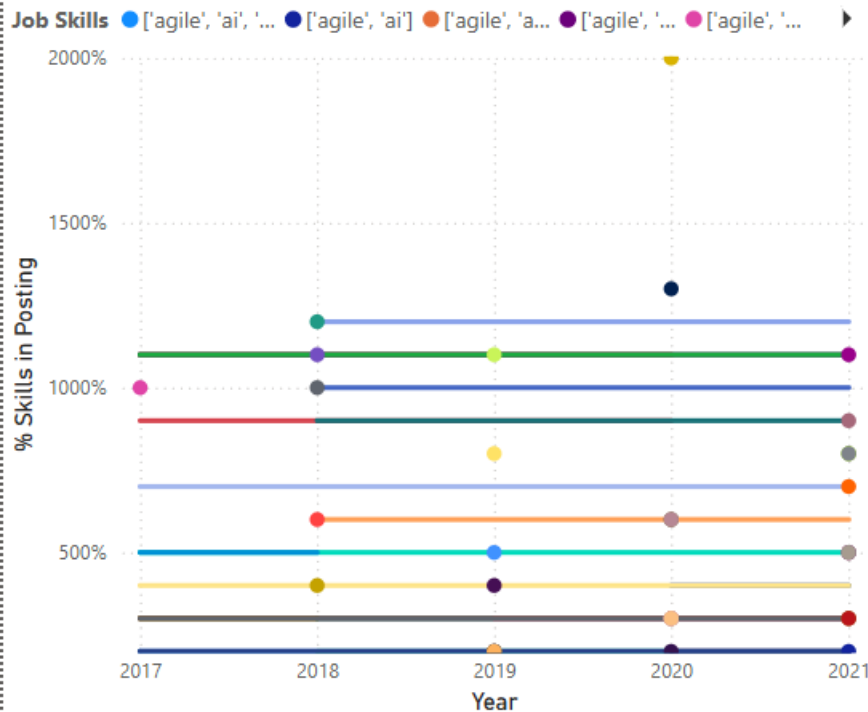
Count of Job Skills by Job Skills

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

% Skills in Posting by Year and Job Skills

Job Skills ●['agile', 'ai', '... ●['agile', 'ai'] ●['agile', 'a... ●['agile', '... ●['agile', '...

Y-axis: % Skills in Posting (500%, 1000%, 1500%, 2000%)
X-axis: Year (2017, 2018, 2019, 2020, 2021)

Job Title
- ☐ Analytics Engineer
- ☐ Analytics Manager
- ☐ Business Analyst
- ☐ Business Consultant
- ☐ Business Intelligence Analyst
- ☐ Business Intelligence Develo...
- ☐ Business Process Analyst
- ☐ Business System Analyst

Job Skills
- ☐ agile
- ☐ agile/scrum
- ☐ ai
- ☐ ai/ml
- ☐ airflow
- ☐ ajax
- ☐ alteryx
- ☐ apache

Job Skills	Analytics Engineer	Analytics Manager	Business Analyst	Business Consultant	Business Intellig
agile	39.26%		41.11%		6.52%
agile/scrum	0.74%		1.74%		
ai	2.96%		3.09%		1.09%
ai/ml			0.15%		
airflow	24.44%				0.54%
ajax	0.74%		0.05%		
alteryx	0.74%		0.45%	2.56%	12.50%
apache	5.19%		0.05%		
asp.net			0.05%		
atlassian			0.80%		1.09%
aurora	0.74%		0.10%		0.54%
aws	25.19%		1.84%	2.56%	5.98%
azure	5.19%		1.84%		5.43%
backend	2.22%		0.85%		0.54%
back-end	2.22%		0.25%		
bash	3.70%				
bi	23.70%	6.90%	5.28%		53.80%
bigquery	17.04%		0.10%		1.09%
bitbucket	0.74%		0.10%		
bloomberg			0.10%		0.54%
c	0.74%		1.89%		9.24%
c/c++			0.15%		
c++	0.74%		0.35%		1.09%
chainer					
ci/cd	6.67%				
cicd					
cloud	51.85%	3.45%	12.00%	2.56%	12.50%
codebase					
coding	5.19%		1.94%		3.80%
cognos	7.41%		0.45%		1.63%
css			0.55%	87.18%	
dart					
data_lake	5.19%		0.20%		1.63%
data_lakes	5.93%				3.26%

Average of Years of Experience and Posting Count by Job Position Level and Company Industry
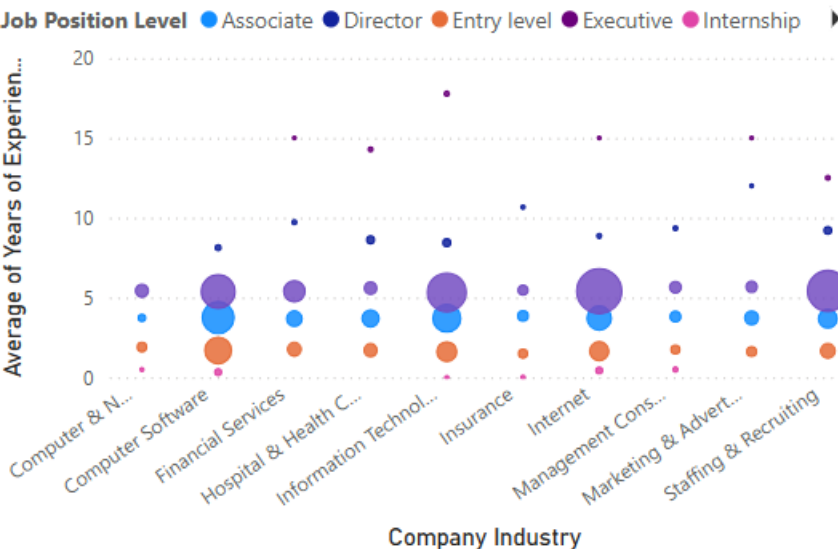
Job Position Level ● Associate ● Director ● Entry level ● Executive ● Internship ►

Average of Years of Experience and Posting Count by Company Size

Average of Years of Experience and Posting Count by Company Industry
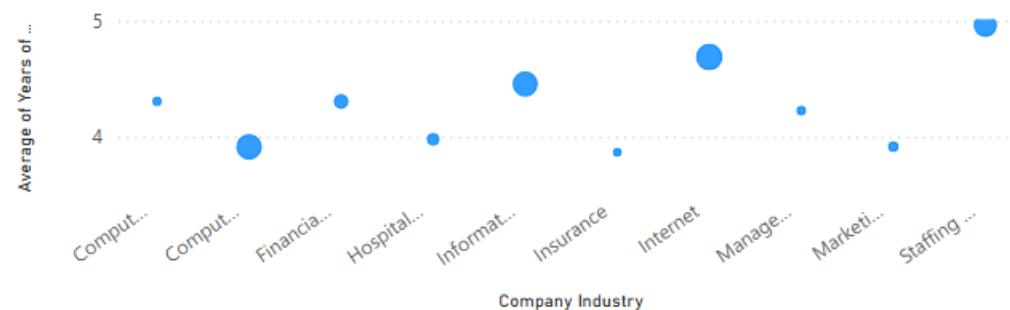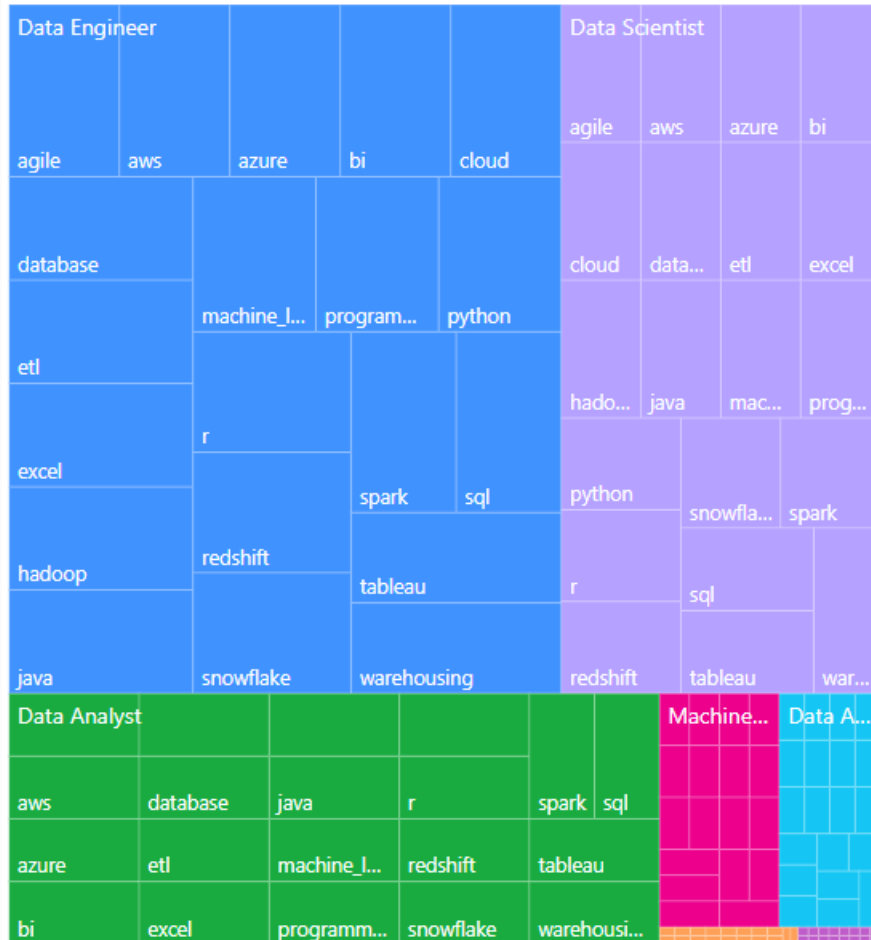

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Data Scientist	Toptal	673
Software Engineer	Jobot	603
Developer	Toptal	594
Software Engineer	HashiCorp	363
Software Engineer	Affirm	240
Business Analyst	Perficient	220
Data Engineer	Jobot	183
Software Engineer	Netskope	172
Software Engineer	Blackbaud	162
Developer	Perficient	160
Data Architect	Perficient	149
Total		**25114**

Data Science Job Market Insights

Skills Overview

174
Distinct Count of Skills

22.90K
Job Posting With Skills

Home
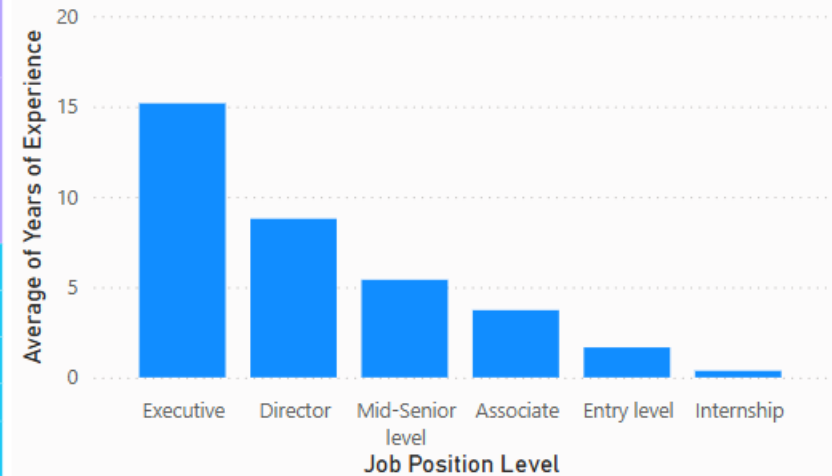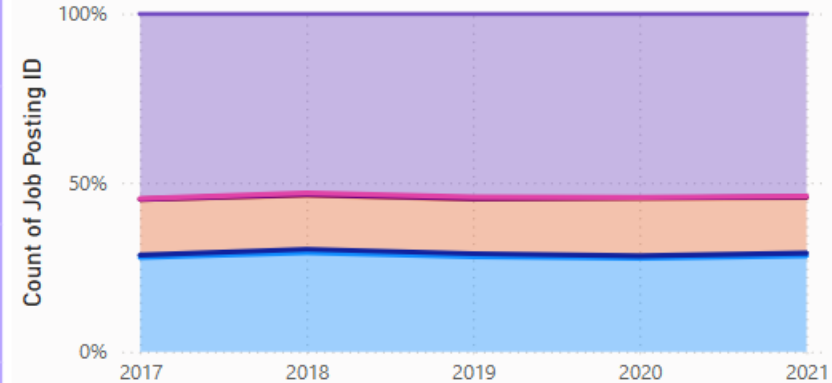
Job Title
All

Job Position Level
All

Company Size
All

Company Industry
All

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

Count of Job Skills by Job Skills

Count of Job Skills

10K

5K

0K

Job Skills: cloud, sql, python, aws, agile, programming, java, azure, database, excel, javascript, microsoft, machine_lear..., go, c, docker, saas, tableau, etl, backend, server, coding, spark

% Skills in Posting by Year and Job Skills

% Skills in Posting

2000%

1500%

1000%

500%

2017   2018   2019   2020   2021
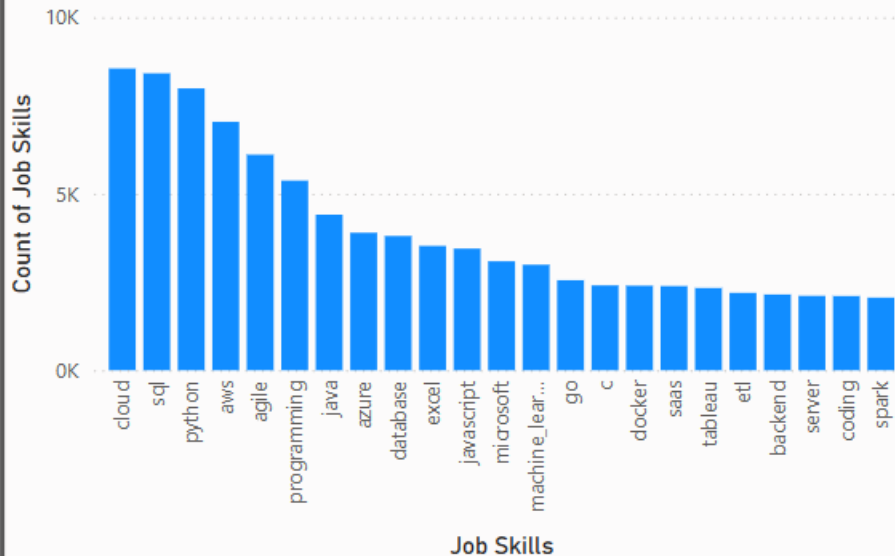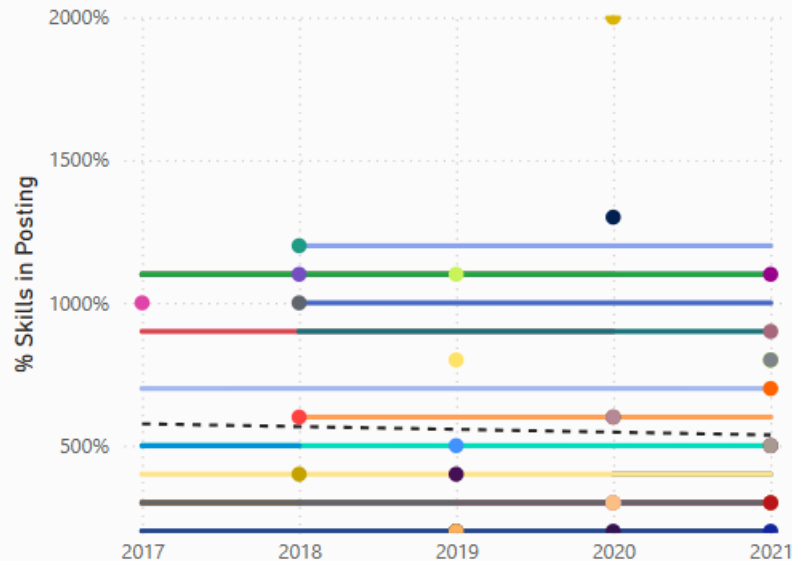
Percentage a Skill Included in Jop Posting

Job Skills	Senior Analyst	Senior Compensation Consultant	Software Developer	Software Development Engineer	Software Engineer	Solutions Engineer	System Eng
agile	5.83%	100.00%	38.78%	32.81%	33.43%	6.17%	1
agile/scrum			1.96%	2.57%	1.34%		
ai	0.65%		5.23%	16.01%	6.13%	27.16%	
ai/ml			1.09%	0.20%	1.10%	2.47%	
airflow	0.43%			1.58%	1.63%		
ajax			2.40%	0.59%	1.55%		
alteryx	2.38%				0.01%		