Data Science Job Market Analysis

Data Science Job Market Analysis

Job Overview

9556   **4,49**

Posting Count   Average of Years of Experience

Job Posting Date

1.1.2017   31.12.2021

Job Title

All

Job Position Level

All

Company Name

All

Company Size

All

Company Industry

All

Treemap job titles and skills:

Data Engineer — aws, cloud, python, sql, spark, progra..., database, snowflake, java, machi..., agile, tableau, azure, m..., p..., etl, redshift, bi, r

Data Scientist — python, machi..., sql, r, pro..., clo..., sp..., aws, tableau, datab...

Data Analyst — sql, excel, dat..., r, micro..., p..., python, bi, cloud, tableau, powe...

Business Analyst — agile, sql, cl..., ta..., excel, bi, microsoft

Data... / Machine Learning Engin... / Rese... / cl...

Bar chart — Years of experience (Avg.) by Job level:

Executive, Director, Mid-Senior level, Associate, Entry level, Internship

Area chart — Job Position Level ● Associate ● Director ● Entry level ● Executive ● Internship ● Mid-Senior ...

Job posting count vs Year (2017–2021)

Data Science Job Market Analysis

Skills Overview

166
Count of Job Skills

8561
Count of Job Posting ID

Job Posting Date

1.1.2017   31.12.2021

Job Title
All

Job Position Level
All

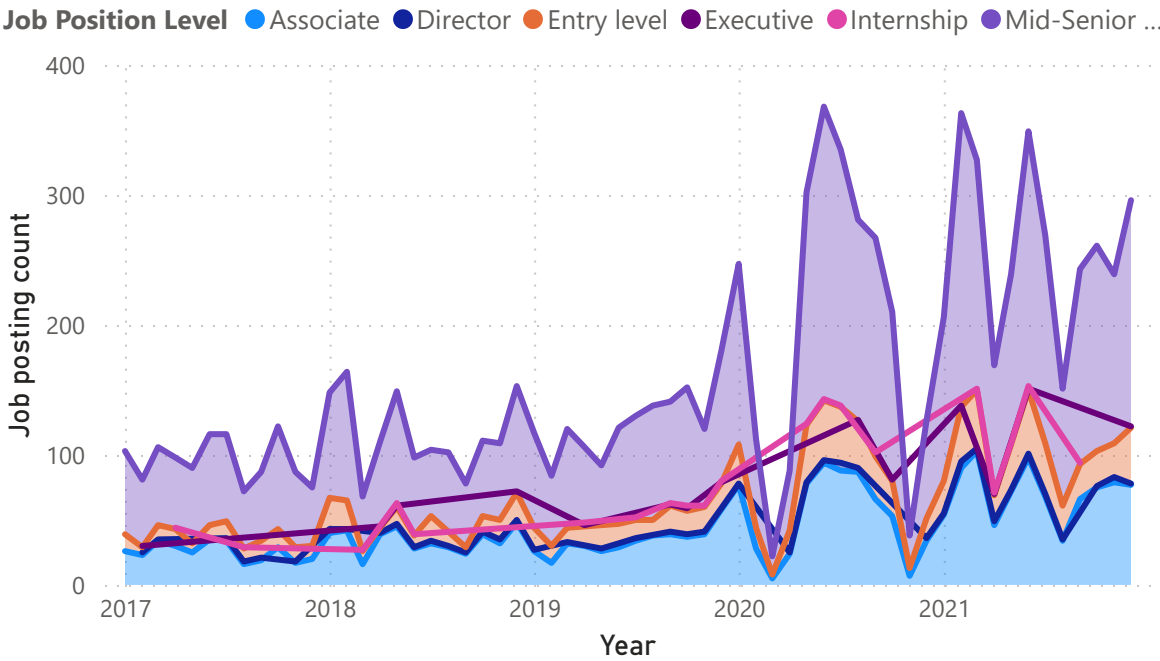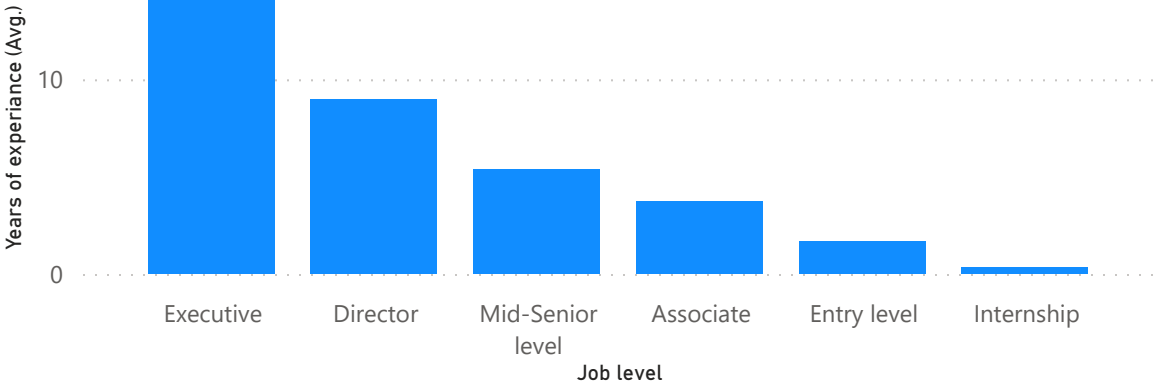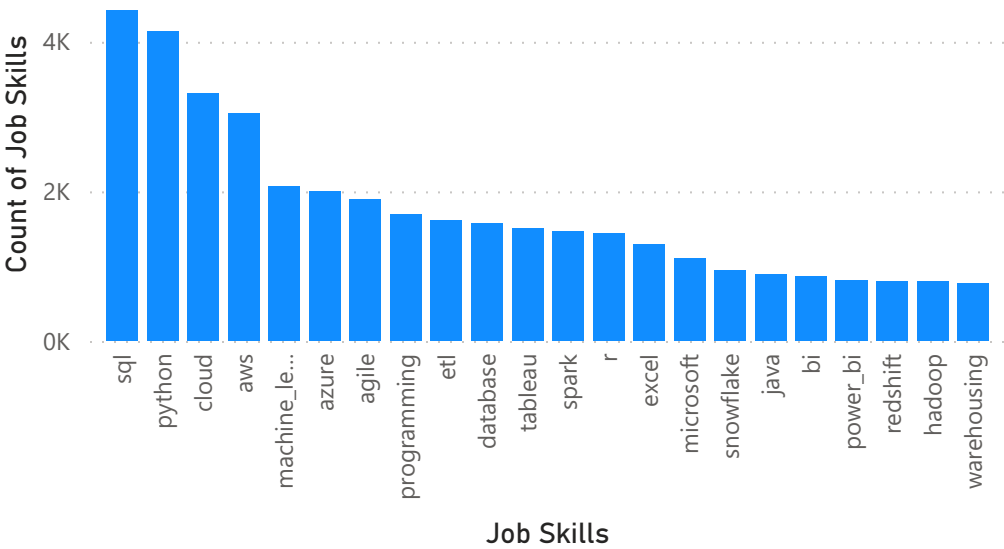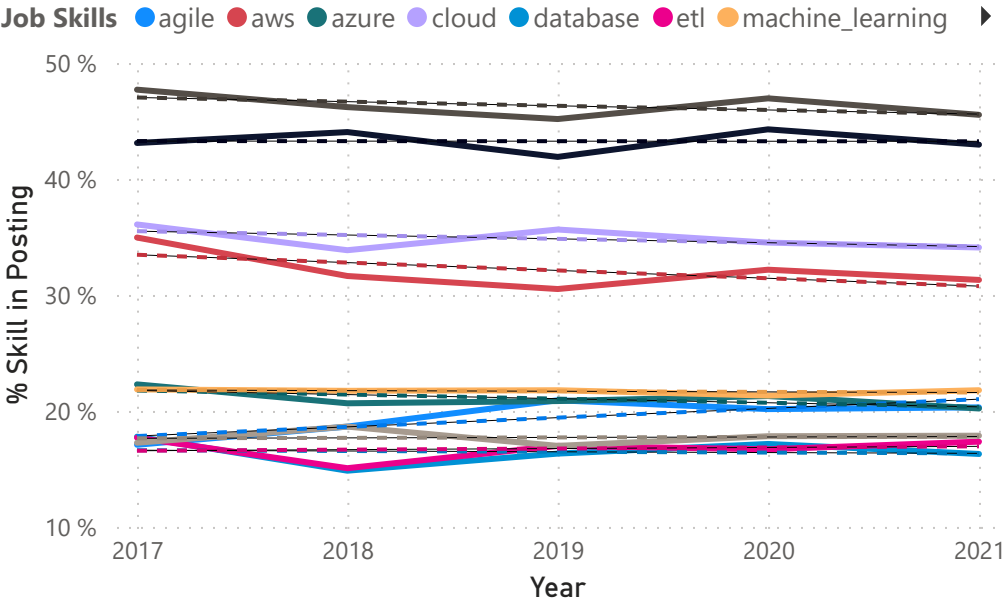## Company Name
All

Company Size
All

Company Industry
All

Count of Job Skills by Job Skills

Job Skills: sql, python, cloud, aws, machine_le..., azure, agile, programming, etl, database, tableau, spark, r, excel, microsoft, snowflake, java, bi, power_bi, redshift, hadoop, warehousing

% Skill in Posting by Year and Job Skills

Job Skills ● agile ● aws ● azure ● cloud ● database ● etl ● machine_learning ▶

Year: 2017, 2018, 2019, 2020, 2021

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 %	
database	6,62 %	28,01 %	13,49 %	23,22 %	4,35 %	8,75 %	4,59 %	5,00 %

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Company Overview

Average Pay

$116K

$101K $132K

Filters

Job Posting Date

1.1.2017 — 31.12.2021

Job Title

All

Job Position Level

All

Company Name

All

Company Size

All

Company Industry

All

Job Position Level

● Associate ● Director ● Entry level ● Executive ● Internship ● Mid-Senior le...

Average of Years of Experience vs Company Industry

X-axis: Staffing & Recruiting, Internet, Information Technology & Services, Management Consulting, Computer Software, Marketing & Advertising, Financial Services, Hospital & Health Care, Insurance — Company Industry
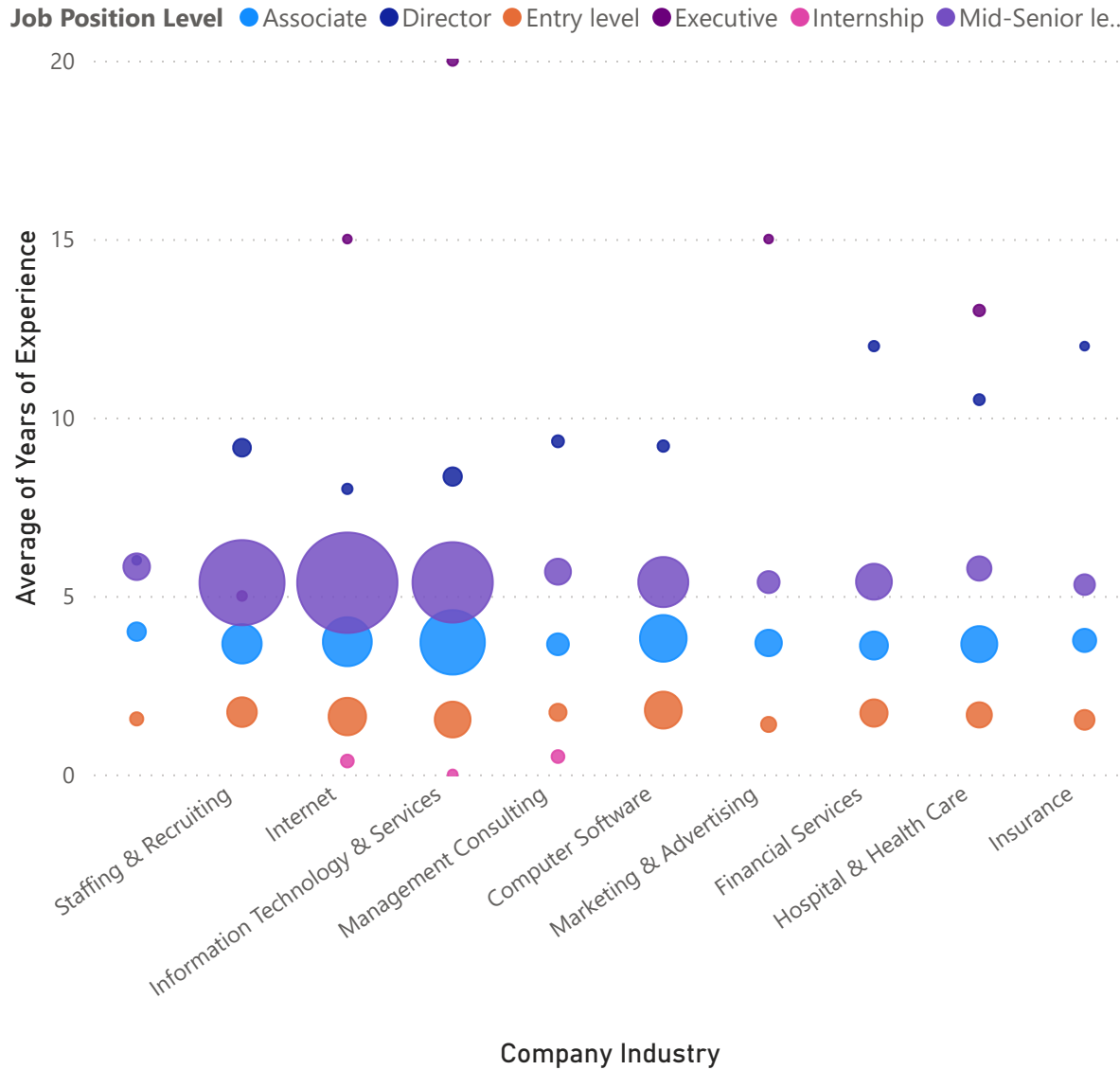
Job Title	Company Name	Posting Count
Data Engineer	Toptal	994
Data Scientist	Toptal	673
Business Analyst	Perficient	220
Data Engineer	Jobot	183
Data Architect	Perficient	149
Data Engineer	Recruiting from Scratch	120
Business Analyst	Dice	103
Data Scientist	Jobot	97
Data Engineer	Dice	89
Data Analyst	Perficient	50
Business Analyst	Zscaler	44
Data Engineer	Blackbaud	43
Total		**9556**

Average of Years of Experience and Posting Count by Company Size

Company Size: 1,001-5,000 e..., 10,001+ empl..., 1-10 employees, 11-50 employ..., 201-500 empl..., 5,001-10,000..., 501-1,000 em..., 51-200 emplo...