# DATA SEARCH

## Data Job Market Insights

JOBS

SKILLS

COMPANY

# Jobs Overview

**9238**
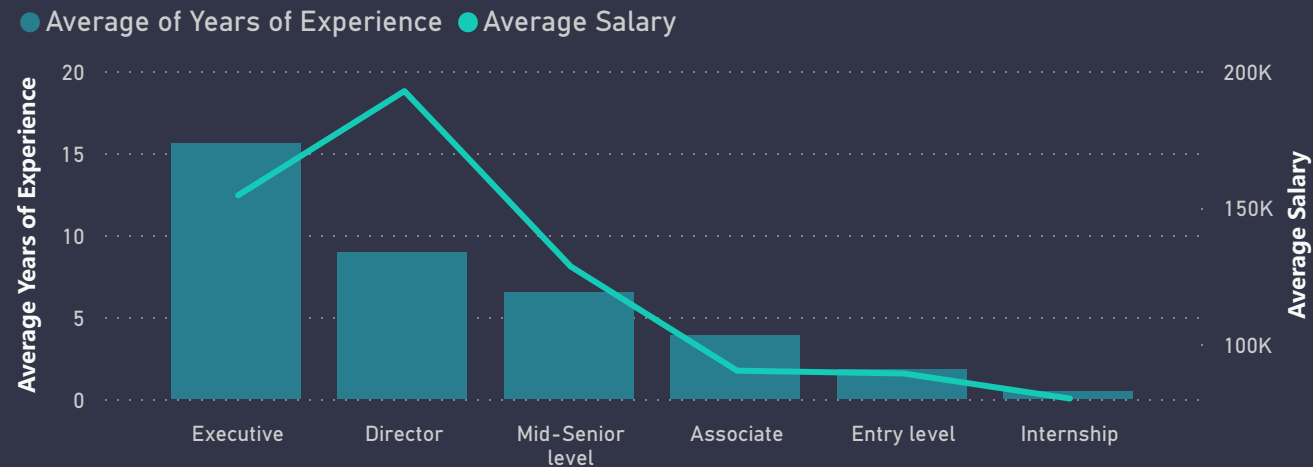Number of Jobs

**5.57**
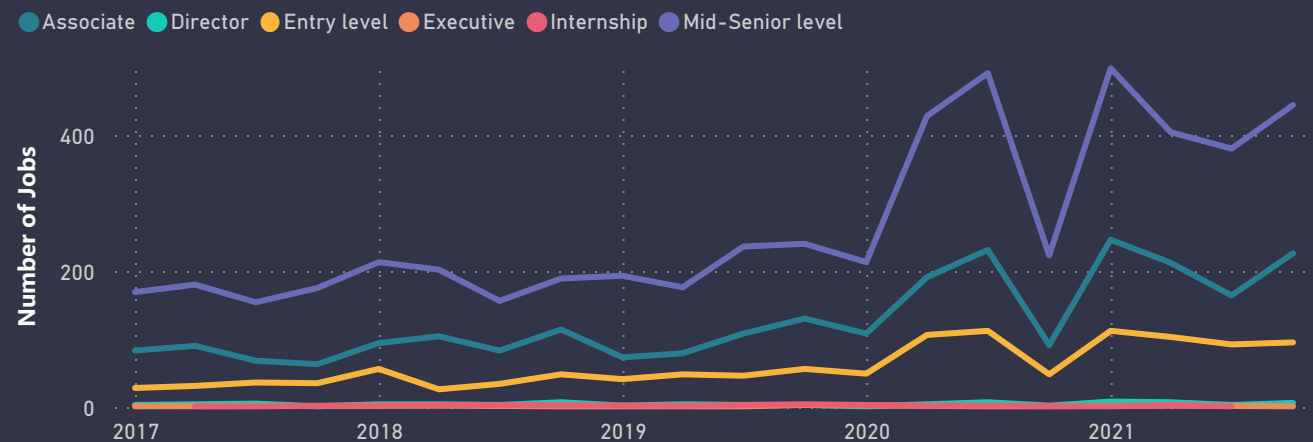Average Years of Experience
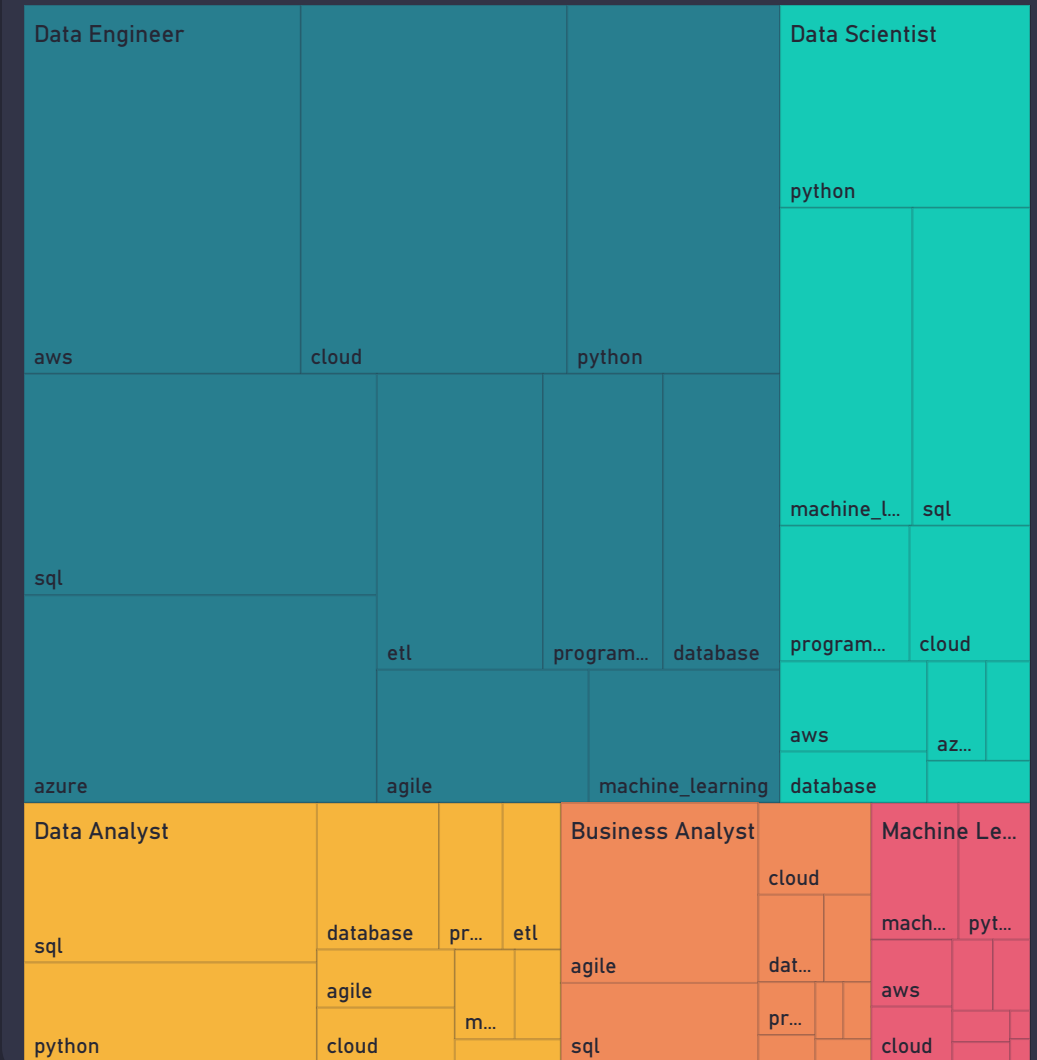
Home

## Years of Experience Vs. Job Position Level & Average Salary

● Average of Years of Experience ● Average Salary



Average Years of Experience — axis: 0, 5, 10, 15, 20
Average Salary — axis: 100K, 150K, 200K

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

## Trend of the Number of Jobs through Time

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



Number of Jobs — axis: 0, 200, 400
Years: 2017, 2018, 2019, 2020, 2021

## Distribution of Job Titles and Skills



Data Engineer — aws, cloud, python, sql, etl, program..., database, azure, agile, machine_learning

Data Scientist — python, machine_l..., sql, program..., cloud, aws, az..., database

Data Analyst — sql, database, pr..., etl, agile, m..., python, cloud

Business Analyst — cloud, agile, dat..., pr..., aws, sql

Machine Le... — mach..., pyt..., aws, cloud

Filter Panel

# Skills Overview

**165** Number of Skills

**8250** Number of Jobs

Home

## Most Popular Skills



Horizontal bar chart — Number of Job Postings (x-axis 0K, 2K, 4K) by Job Skills:
- sql
- python
- cloud
- aws
- machine_learning
- azure
- agile
- programming
- database
- etl

## Top 5 Skills Trend Over Time

Job Skills: ● aws ● cloud ● machine_learning ● python ● sql



Area/line chart — Popularity of Skills (20%, 40%, 60%) over time (2017–2021).
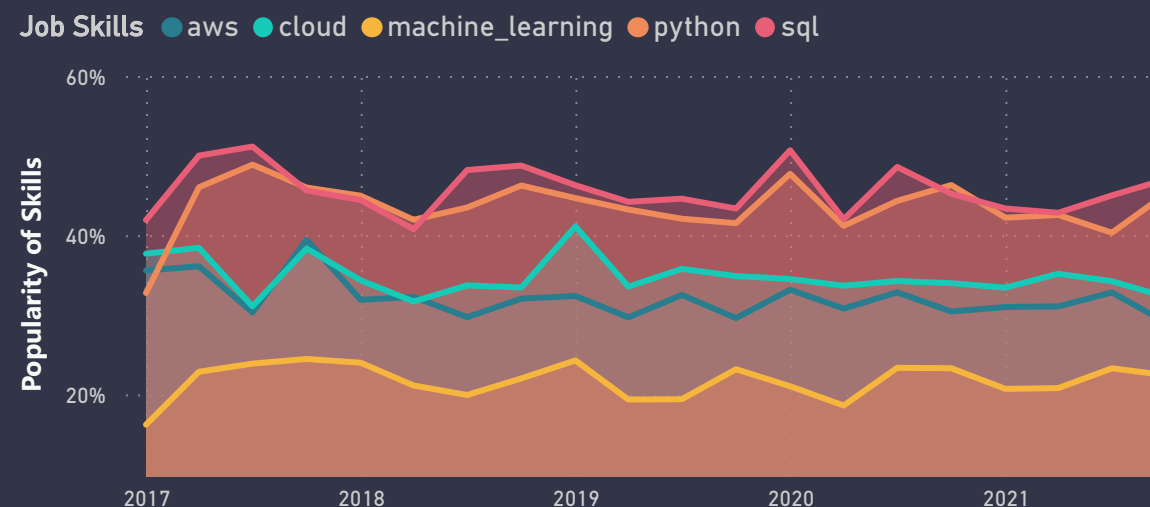
| Job Skills | Business Analyst | Data Analyst | Data Engineer | Data Scientist | Machine Learning Engineer | Total |
|---|---|---|---|---|---|---|
| sql | 18.27% | 73.13% | 52.40% | 43.37% | 21.55% | **45.41%** |
| python | 4.78% | 45.99% | 52.66% | 58.83% | 80.21% | **43.35%** |
| cloud | 12.00% | 11.92% | 65.86% | 18.96% | 37.46% | **34.46%** |
| aws | 1.84% | 6.46% | 68.46% | 15.41% | 44.52% | **31.79%** |
| machine_learning | 1.54% | 8.42% | 17.07% | 48.87% | 97.88% | **21.66%** |
| azure | 1.84% | 3.91% | 49.10% | 6.80% | 9.89% | **21.21%** |
| agile | 41.11% | 12.53% | 18.89% | 5.00% | 14.84% | **19.57%** |
| programming | 3.48% | 14.61% | 23.83% | 20.41% | 23.67% | **17.18%** |
| database | 6.62% | 28.01% | 23.22% | 8.75% | 4.59% | **16.68%** |

# Companies Overview

## Average Salary

$100.31K   $116K   $131.05K

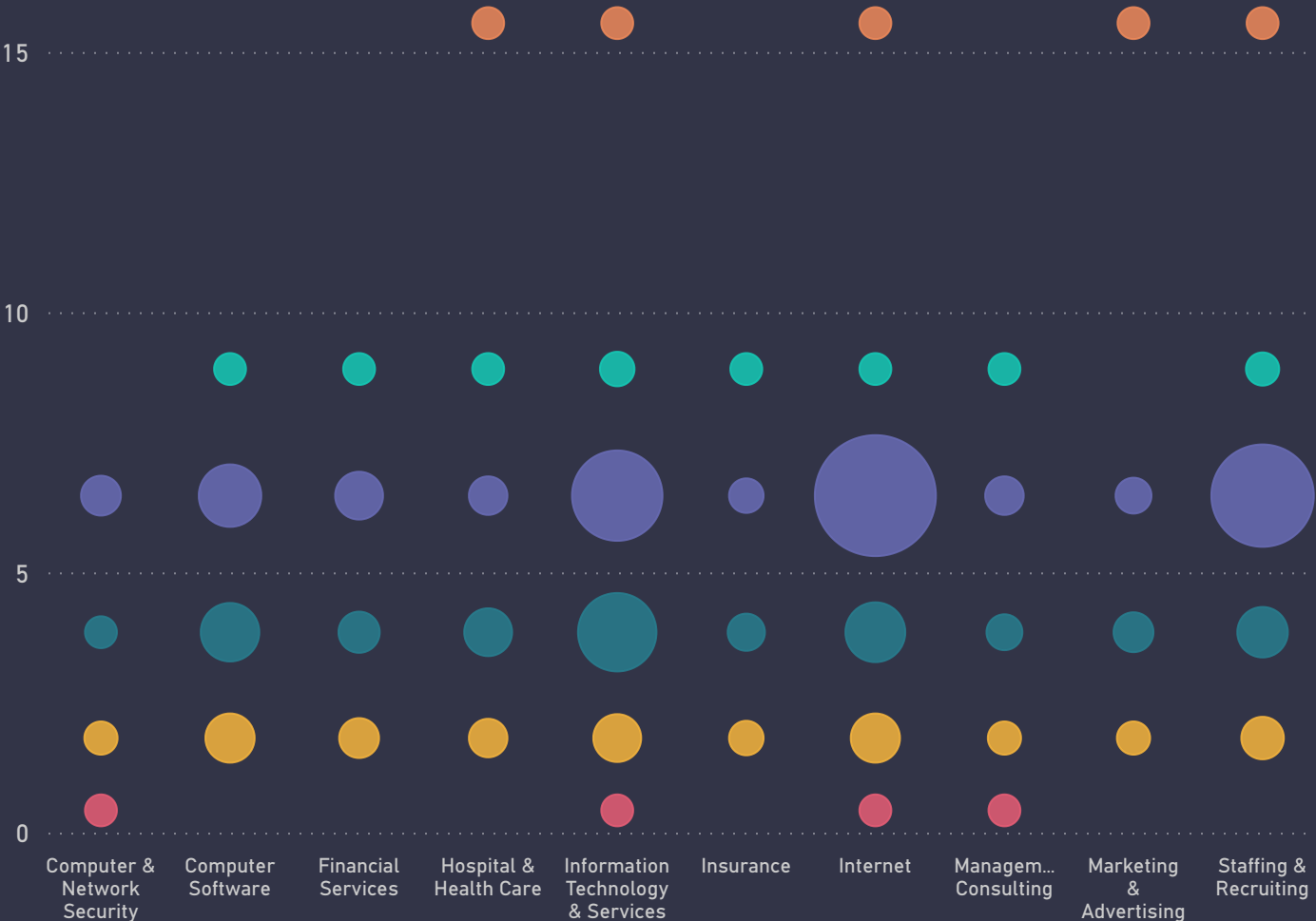## Average Years of Experience and Number of Jobs by Company Industry

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

| Job Title | Company | Posting Count |
|---|---|---|
| Data Engineer | Toptal | 994 |
| Data Scientist | Toptal | 673 |
| Business Analyst | Perficient | 220 |
| Data Engineer | Jobot | 183 |
| 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 |
| **Total** | | **9238** |

Filter Panel

Average Years of Experience

15

10

5

0

Computer & Network Security | Computer Software | Financial Services | Hospital & Health Care | Information Technology & Services | Insurance | Internet | Managem... Consulting | Marketing & Advertising | Staffing & Recruiting

● Business An...  ● Data Analyst  ● Data Engineer  ● Data Scientist  ● Machine Lea...

UNITED STATES

Gulf of Mexico

MEXICO

Sargass

Microsoft Bing

© 2023 TomTom, © 2023 Microsoft Corporation © OpenStreetMap