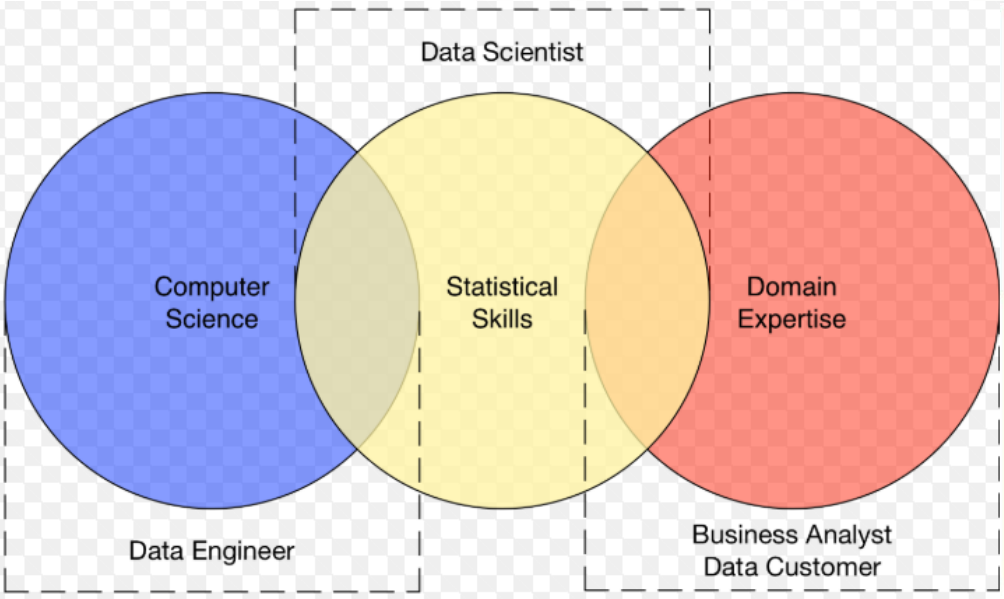
Interested in Data Science… What Are You?

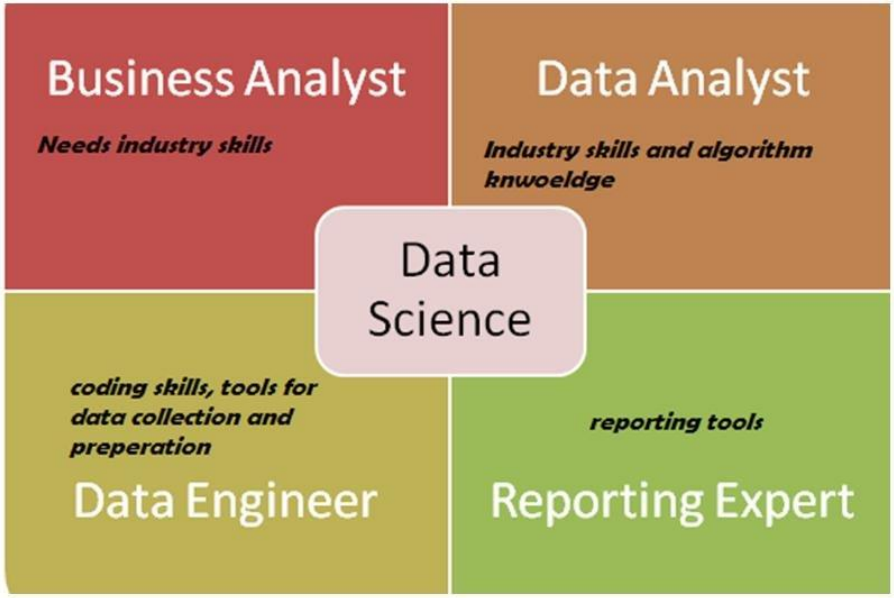
Murugesan Rangasamy
NYC Data Science Fellow

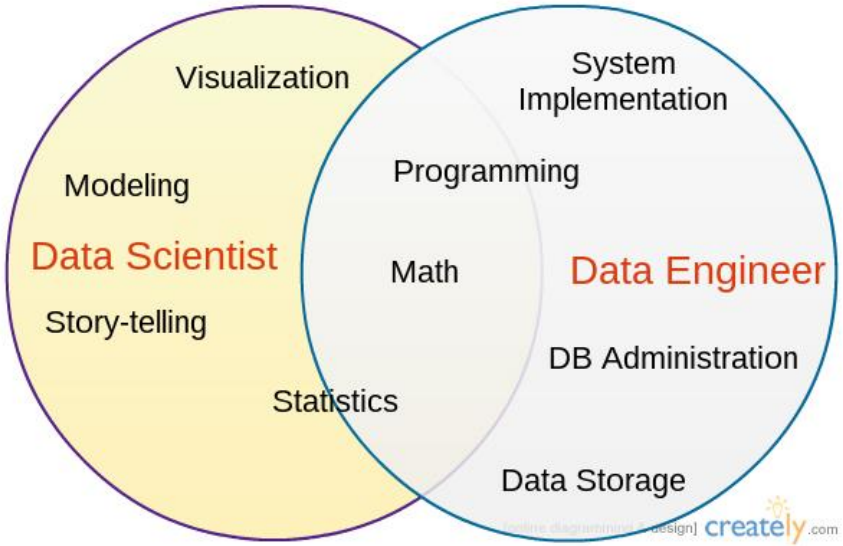
Outline

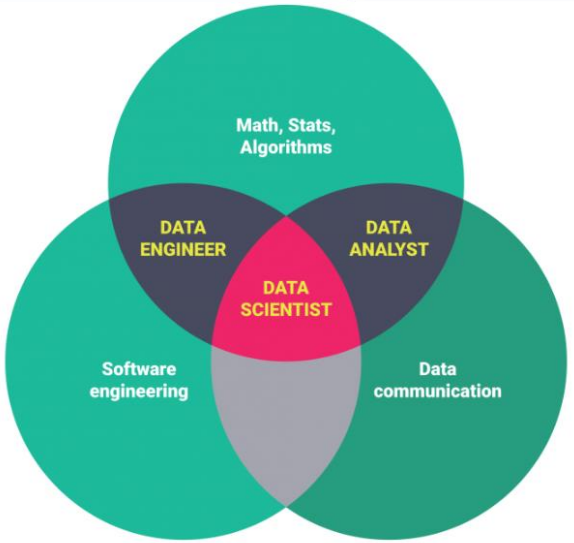
- The Data
- Desired experience
- Where are the jobs?
- How much are they paid?
- Conclusions

Data Science Jobs

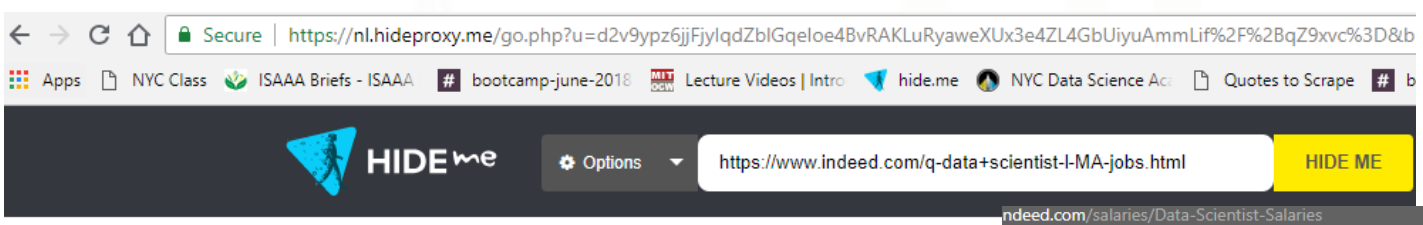


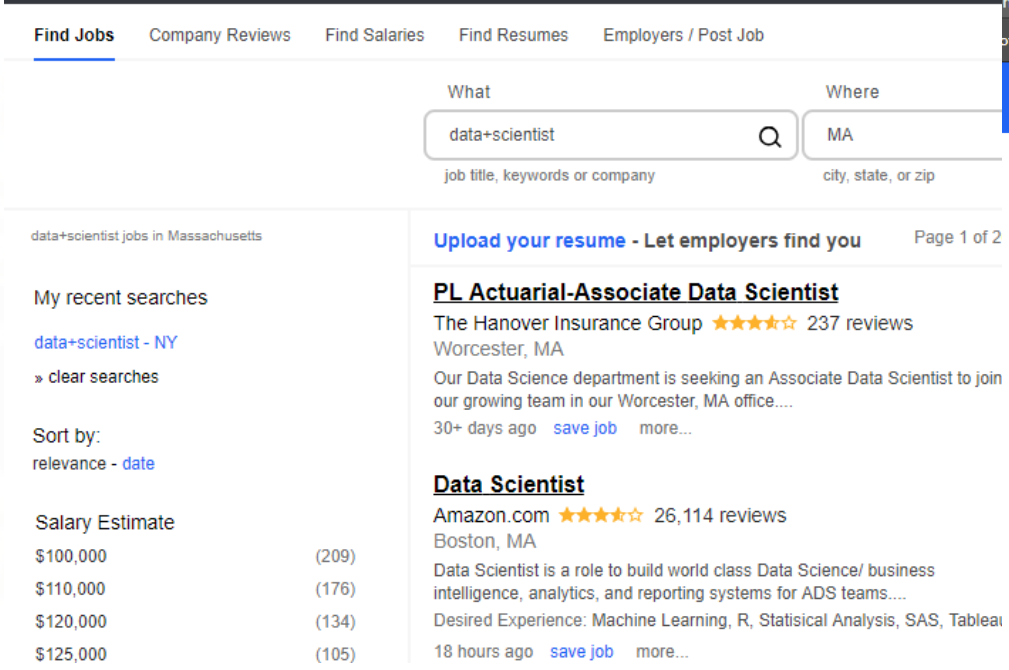


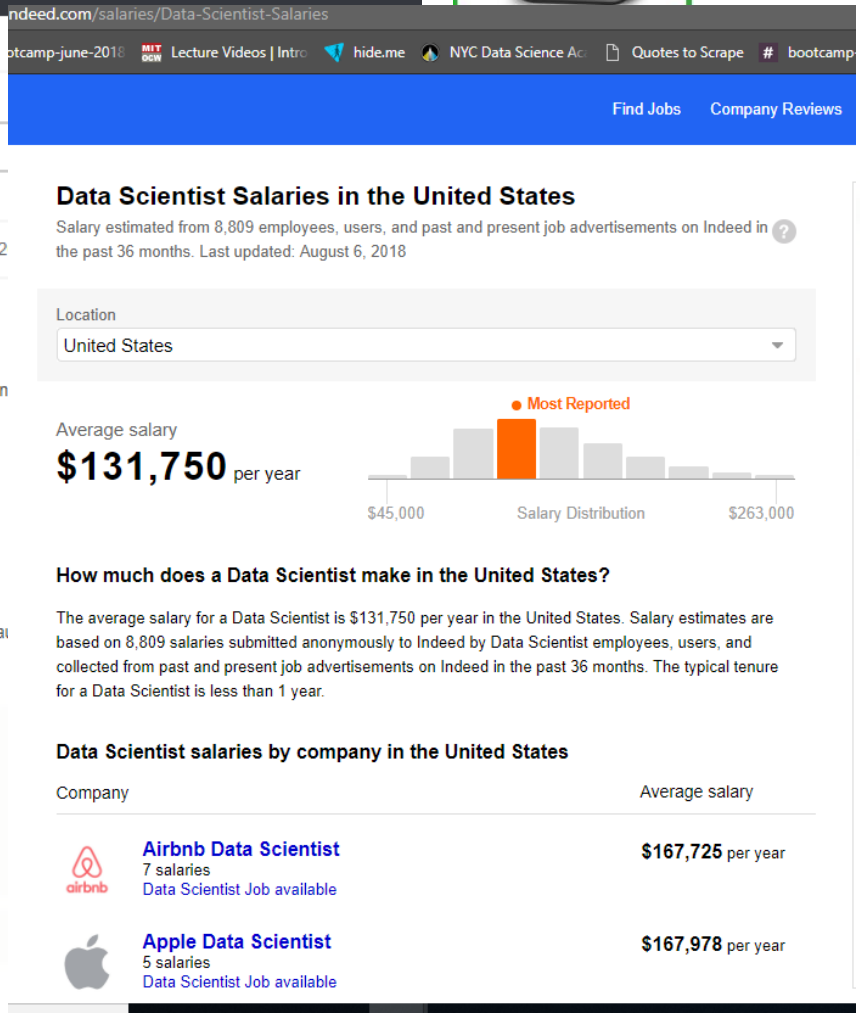




The Data







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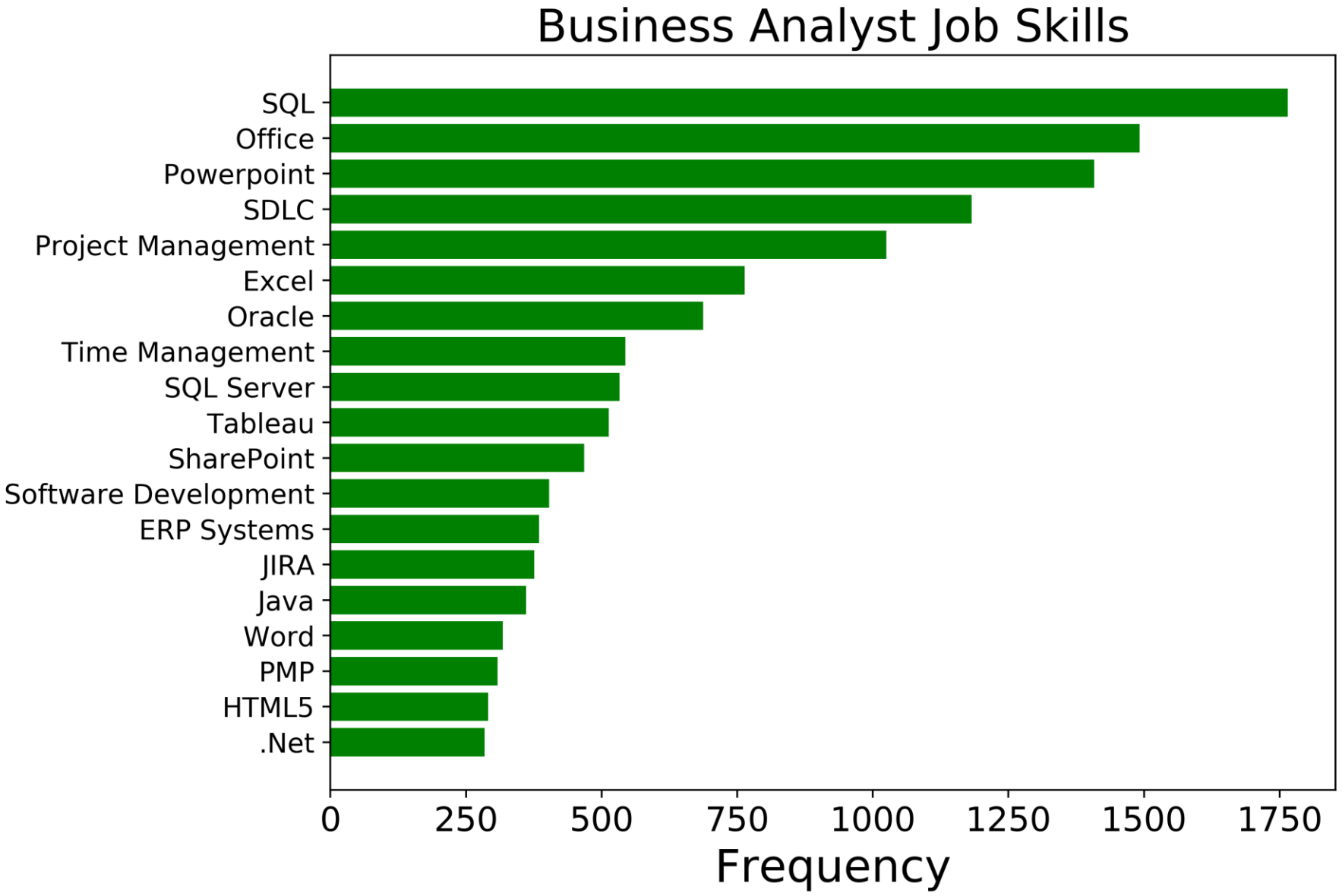
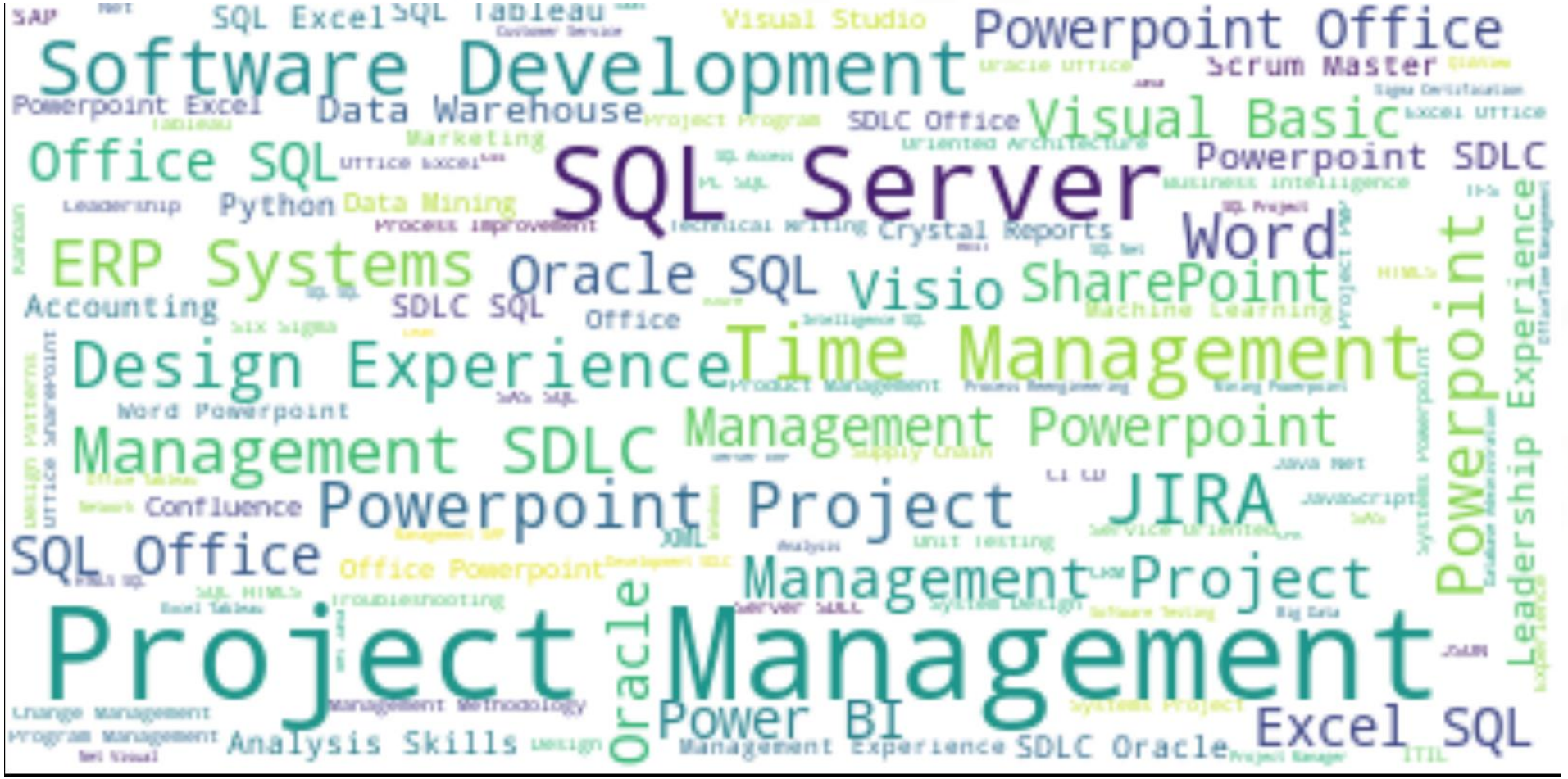
Business Analyst	8771
Data Analyst	4736
Data Engineer	2599
Data Scientist	3645

job_category	
Business Analyst	4547
Data Analyst	2852
Data Engineer	1085
Data Scientist	1471

Desired Experience



Business Analyst Skills



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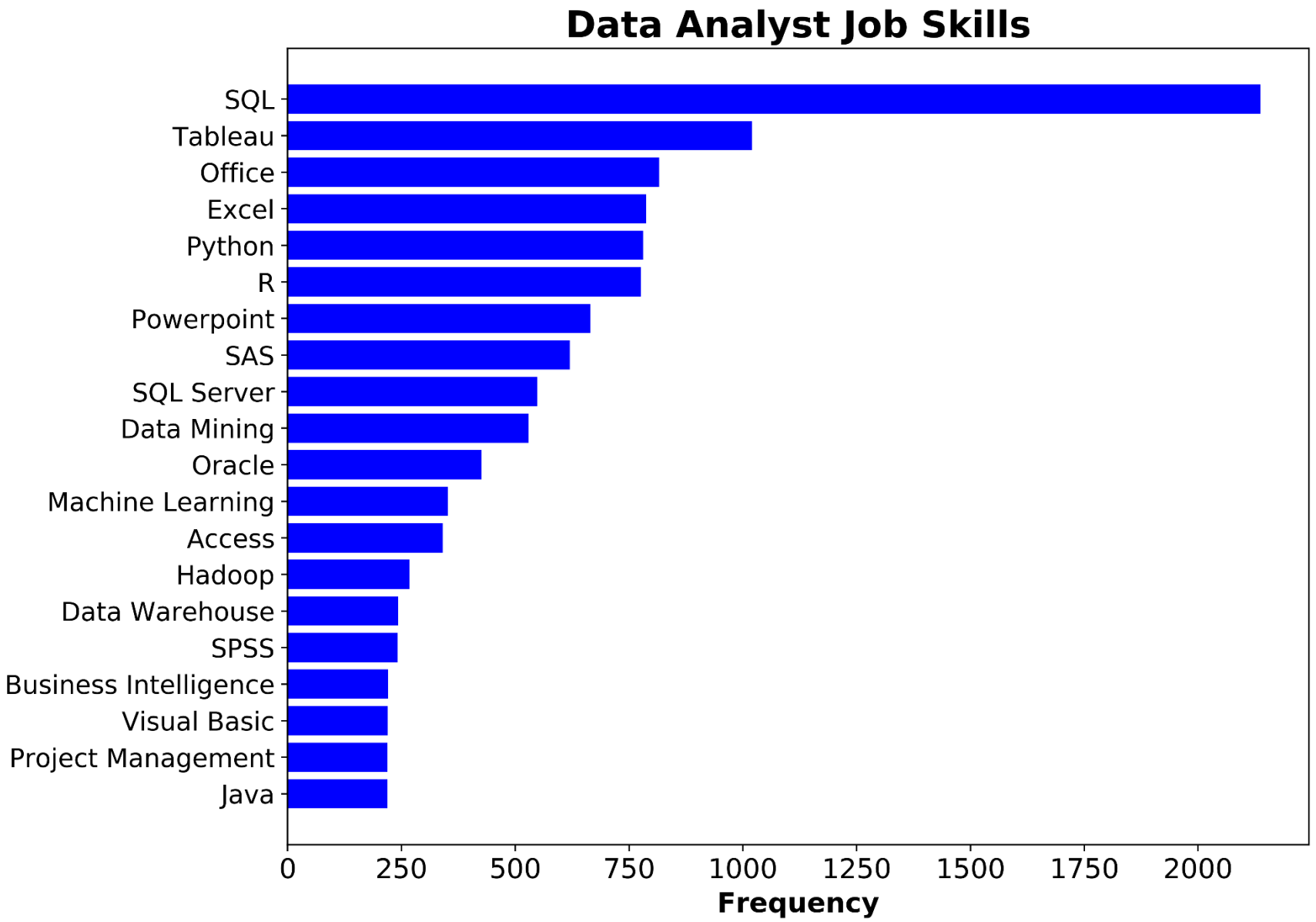
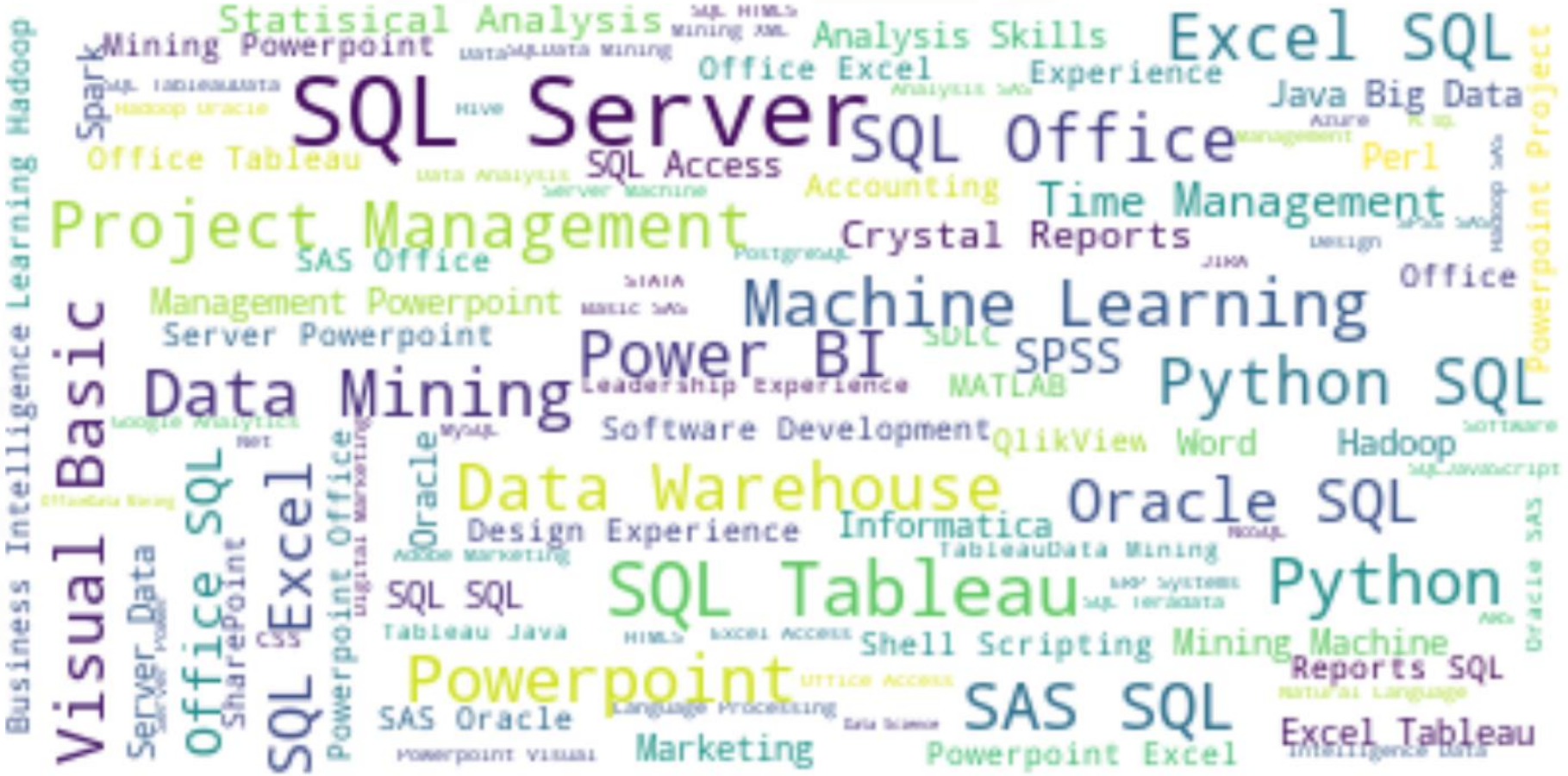
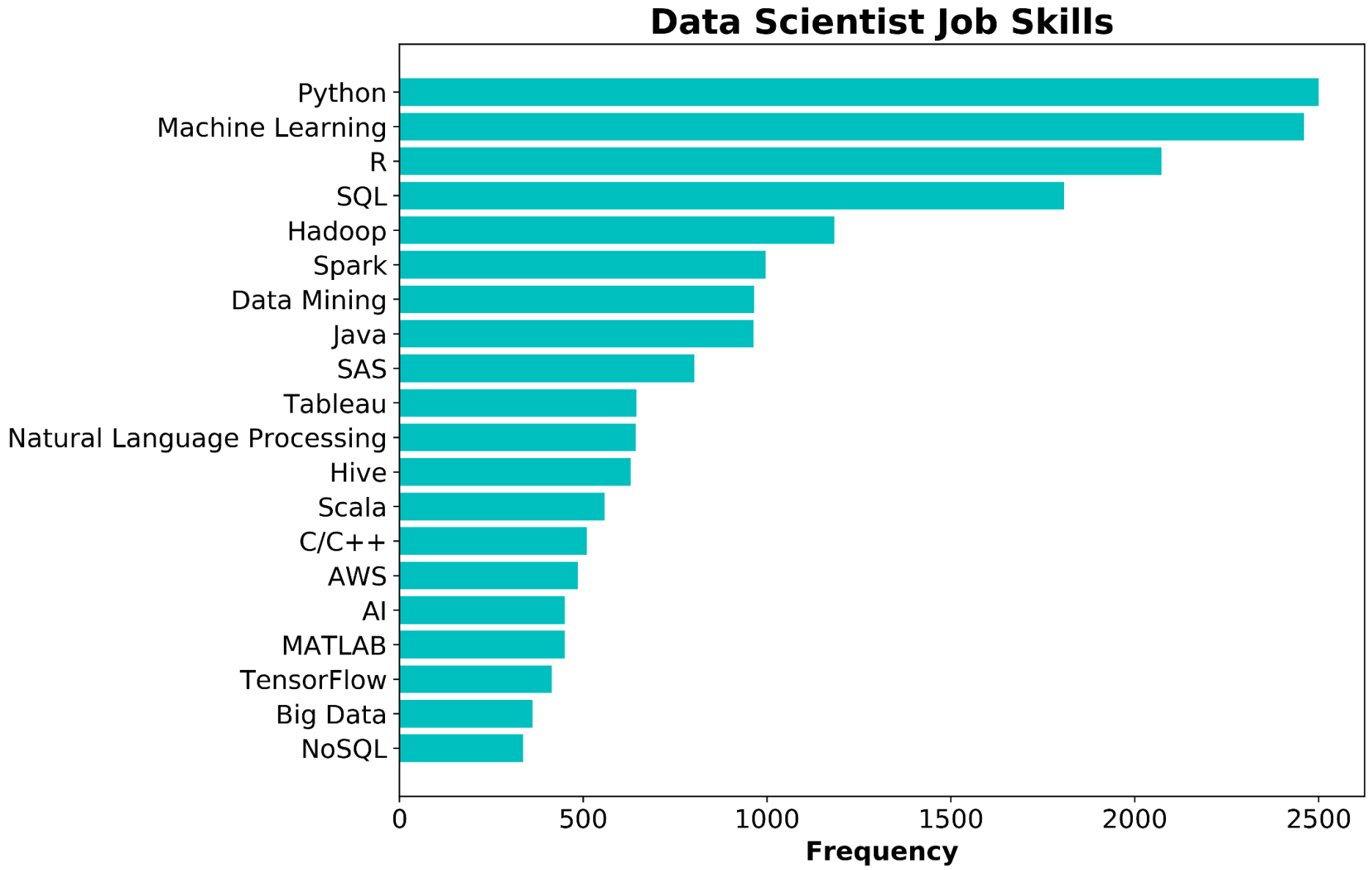


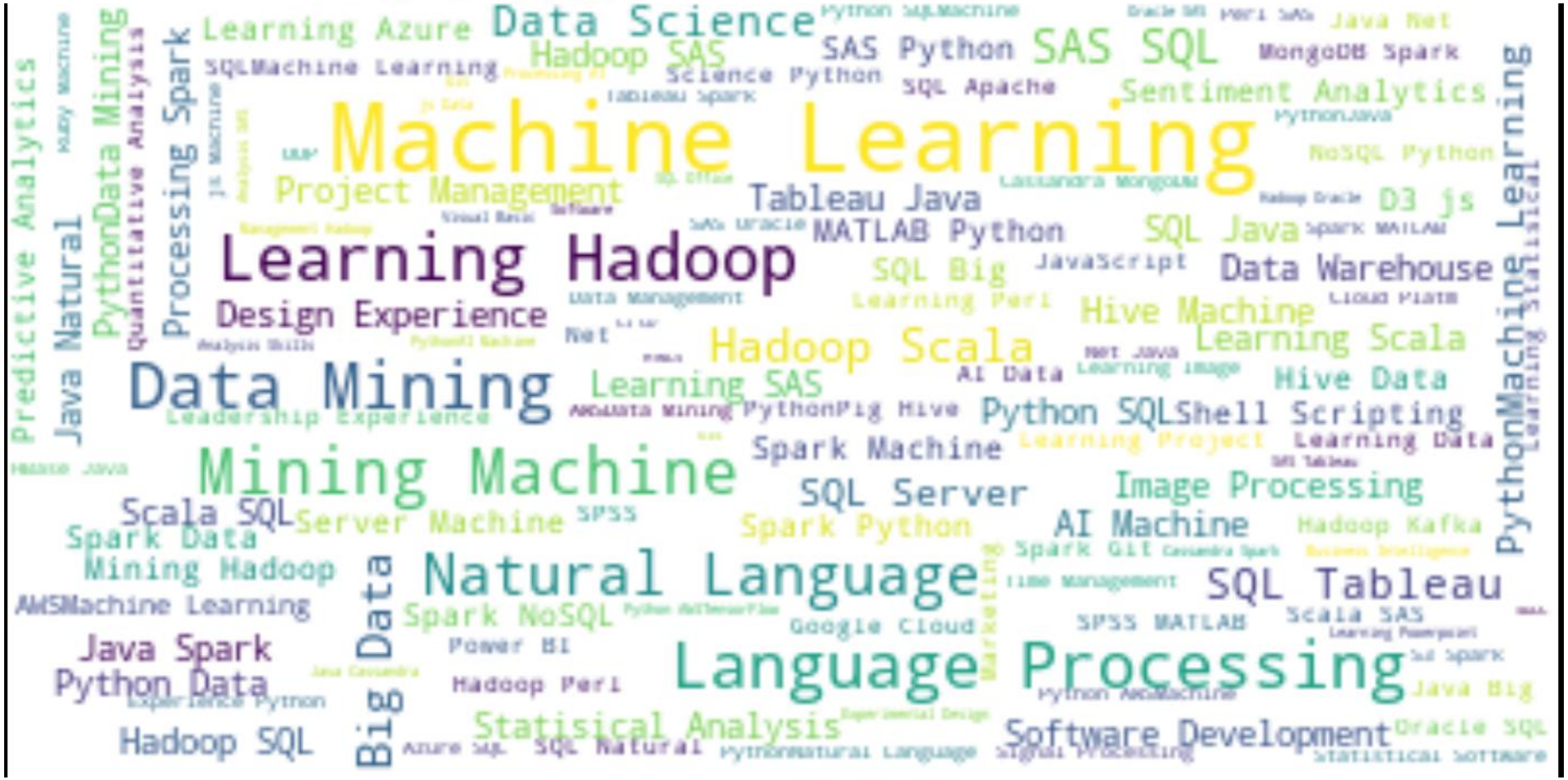
Data Analyst Skills



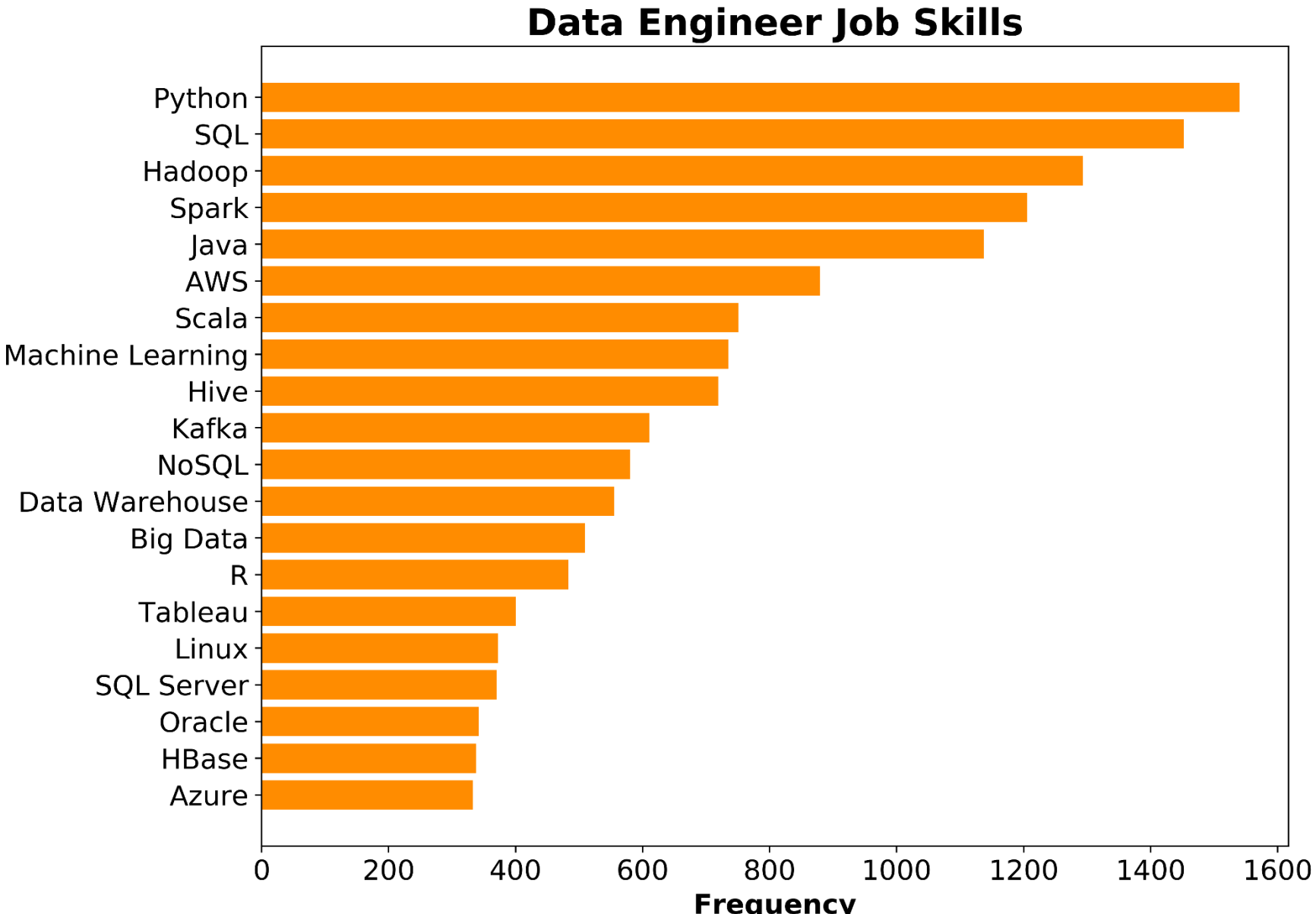
Desired Experience



Data Scientist Skills

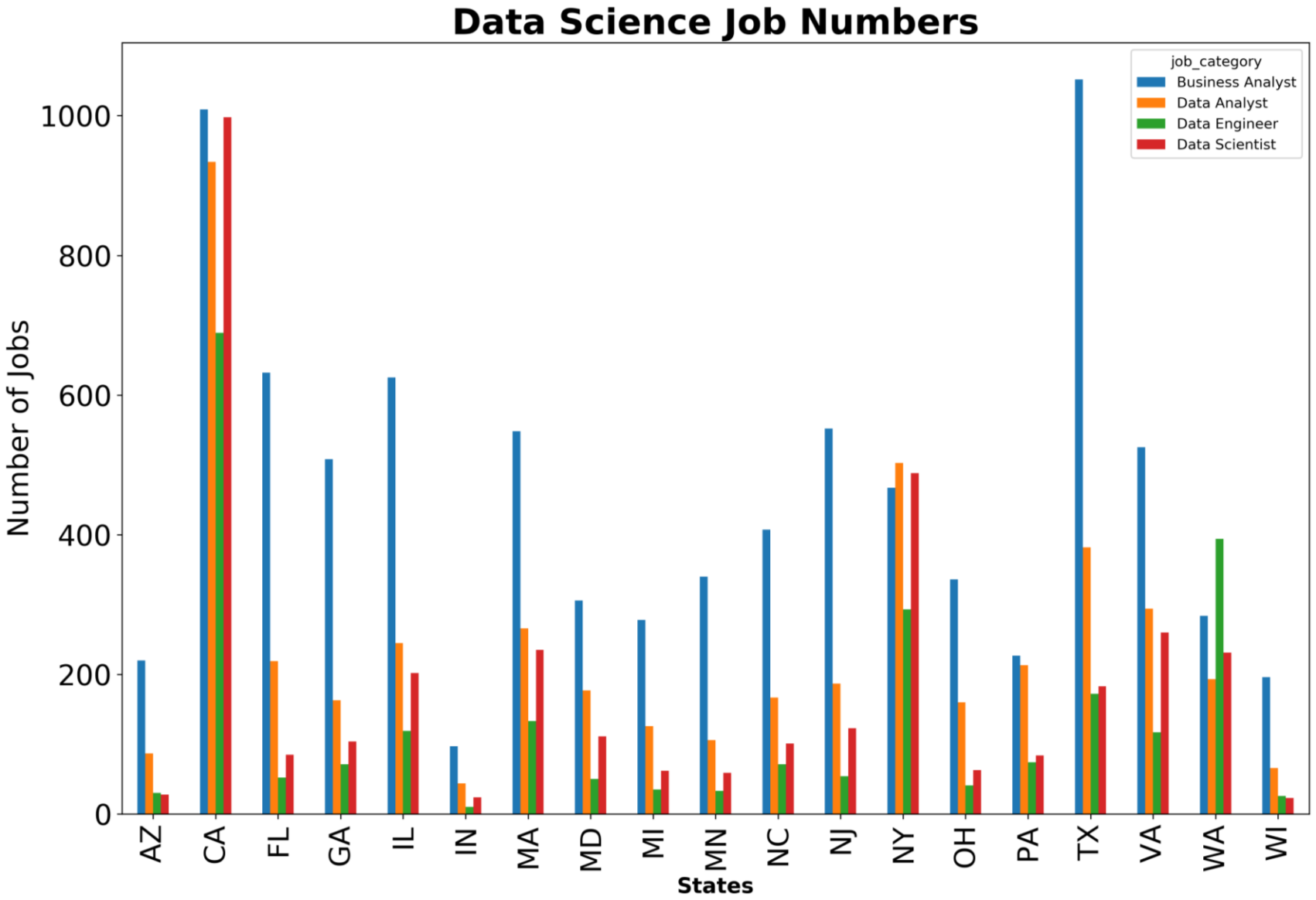


Desired Experience

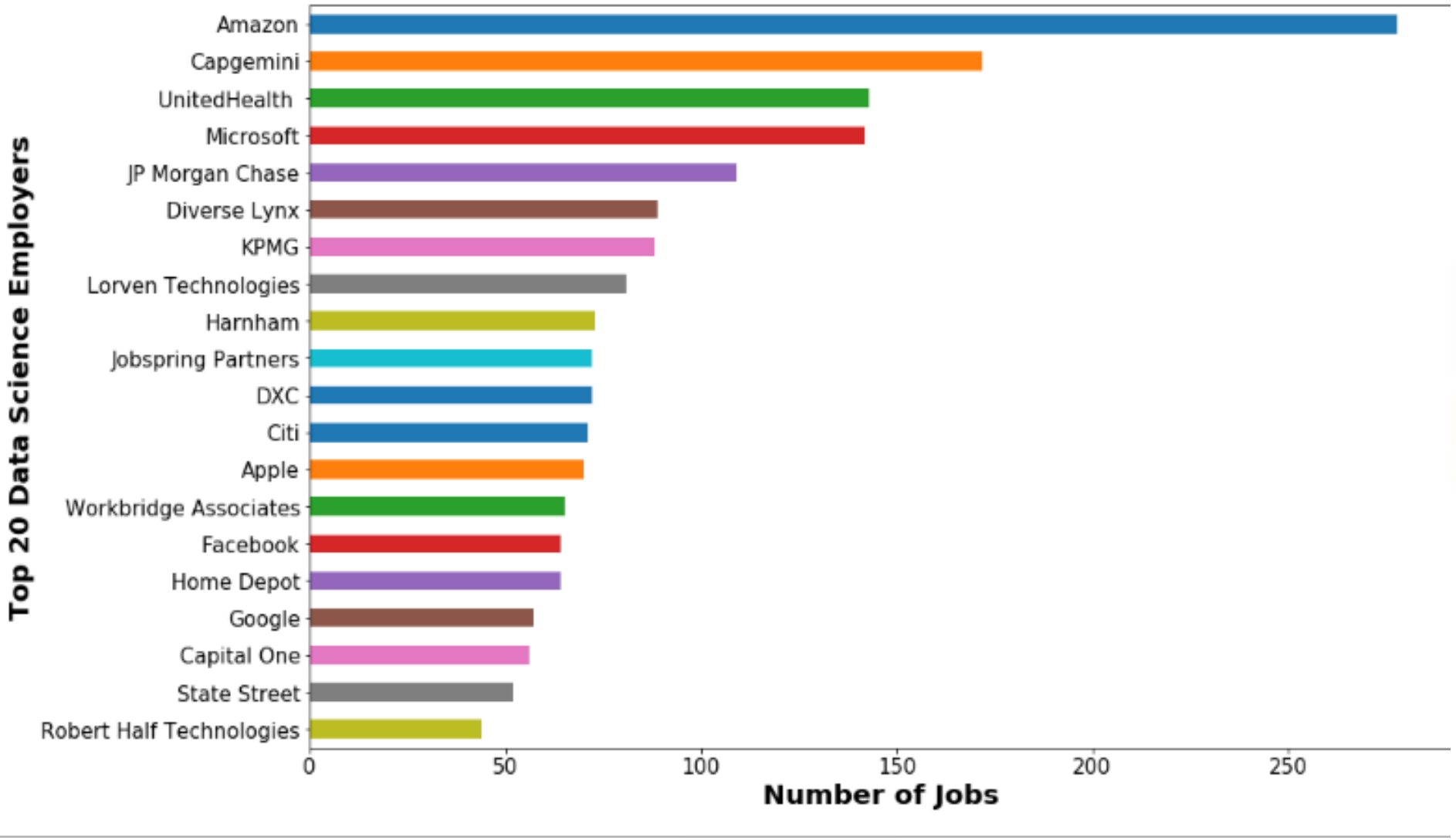


Data Engineer Skills

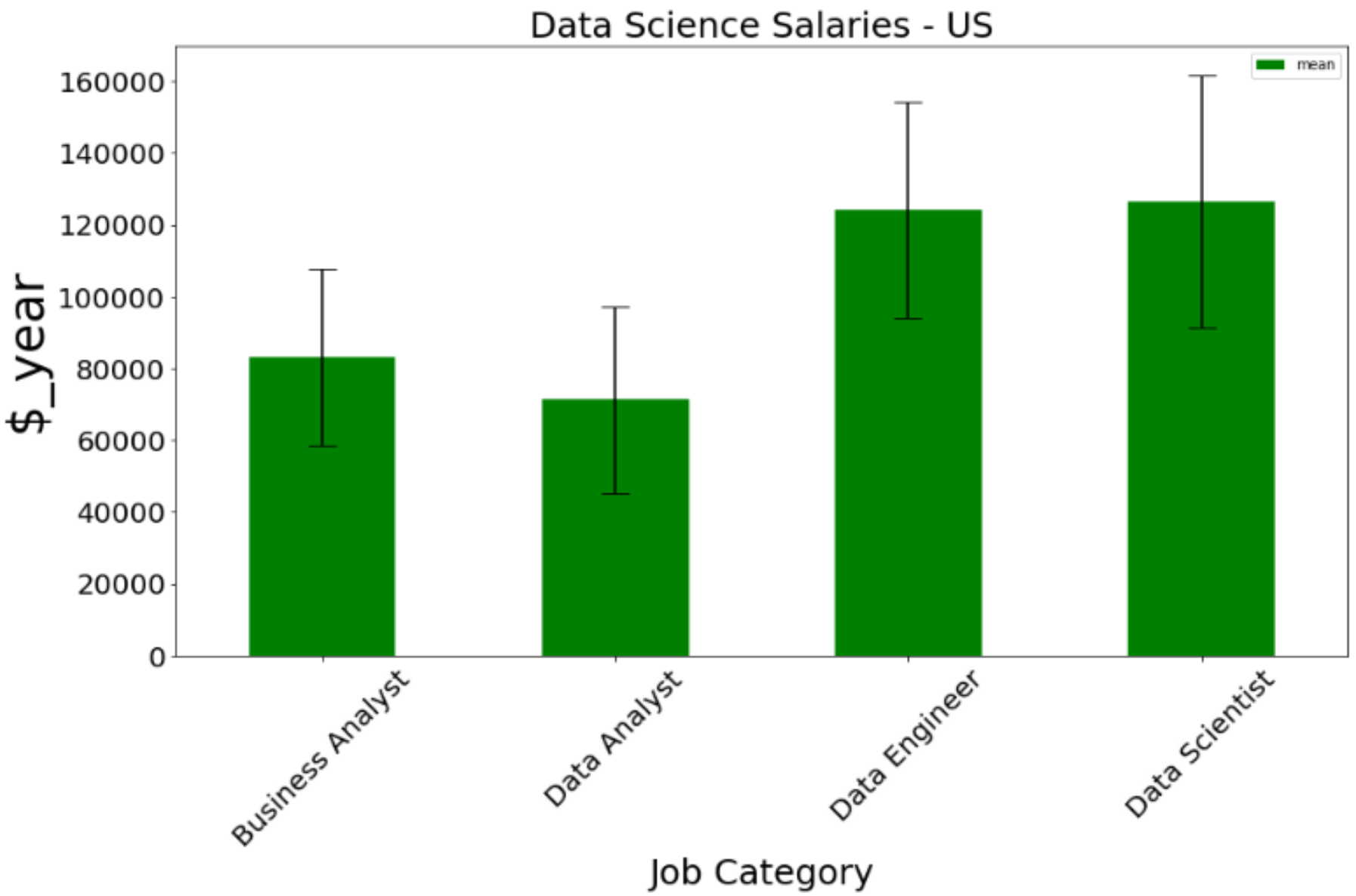
Data Science Jobs - States



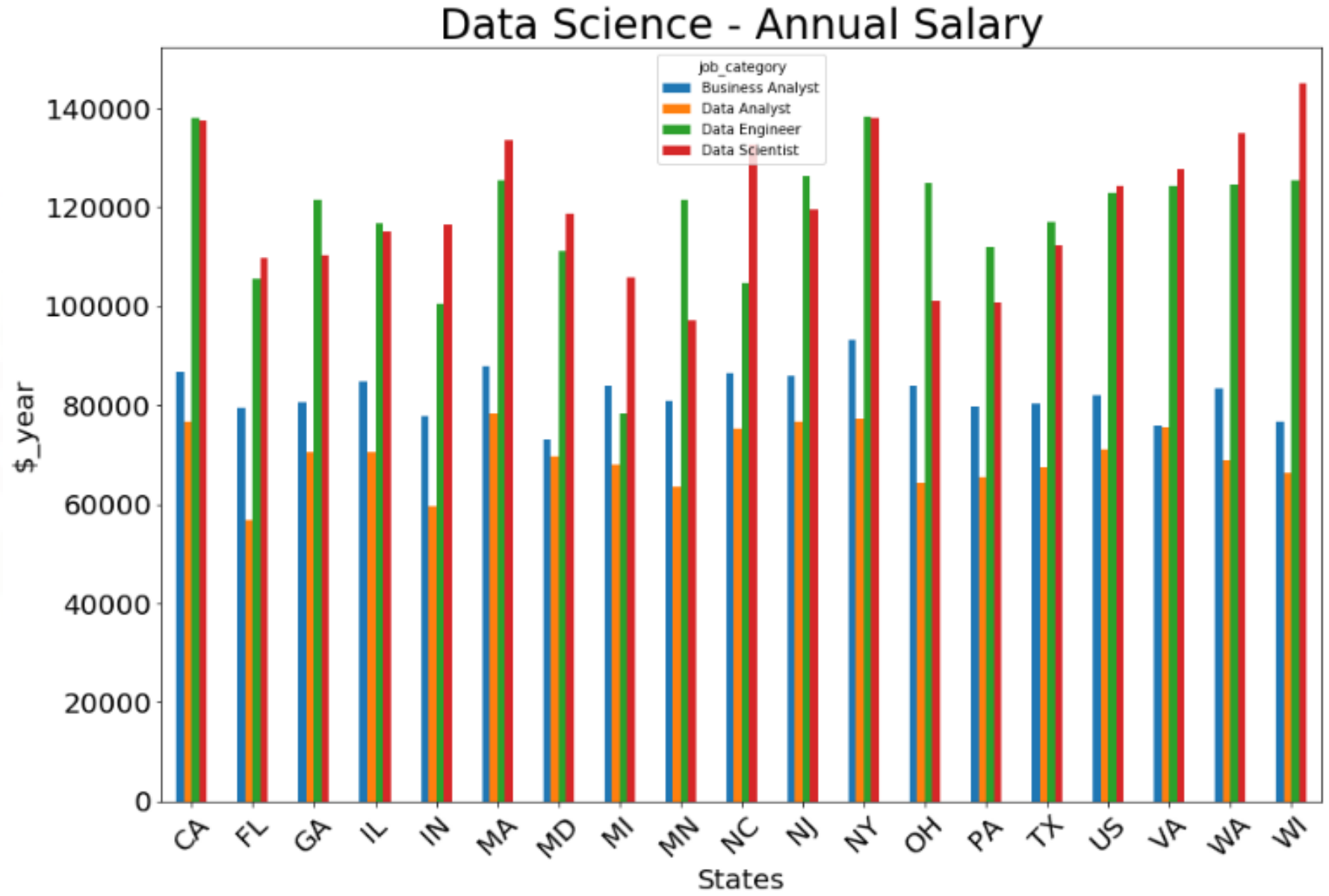
Top 20 Employers



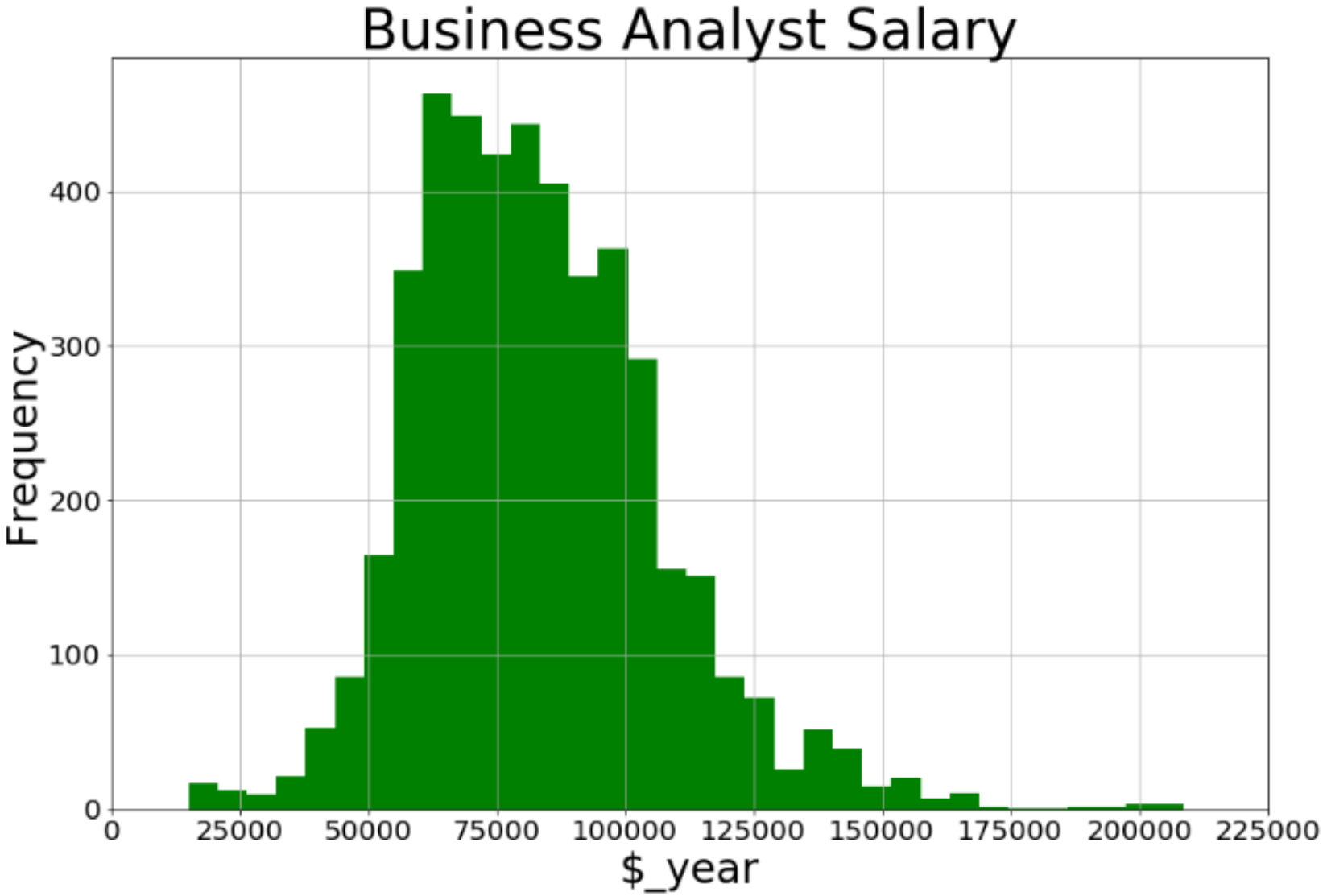
Data Science Jobs: Salaries



Data Science Jobs: Salaries



Data Science Jobs Salary Distribution



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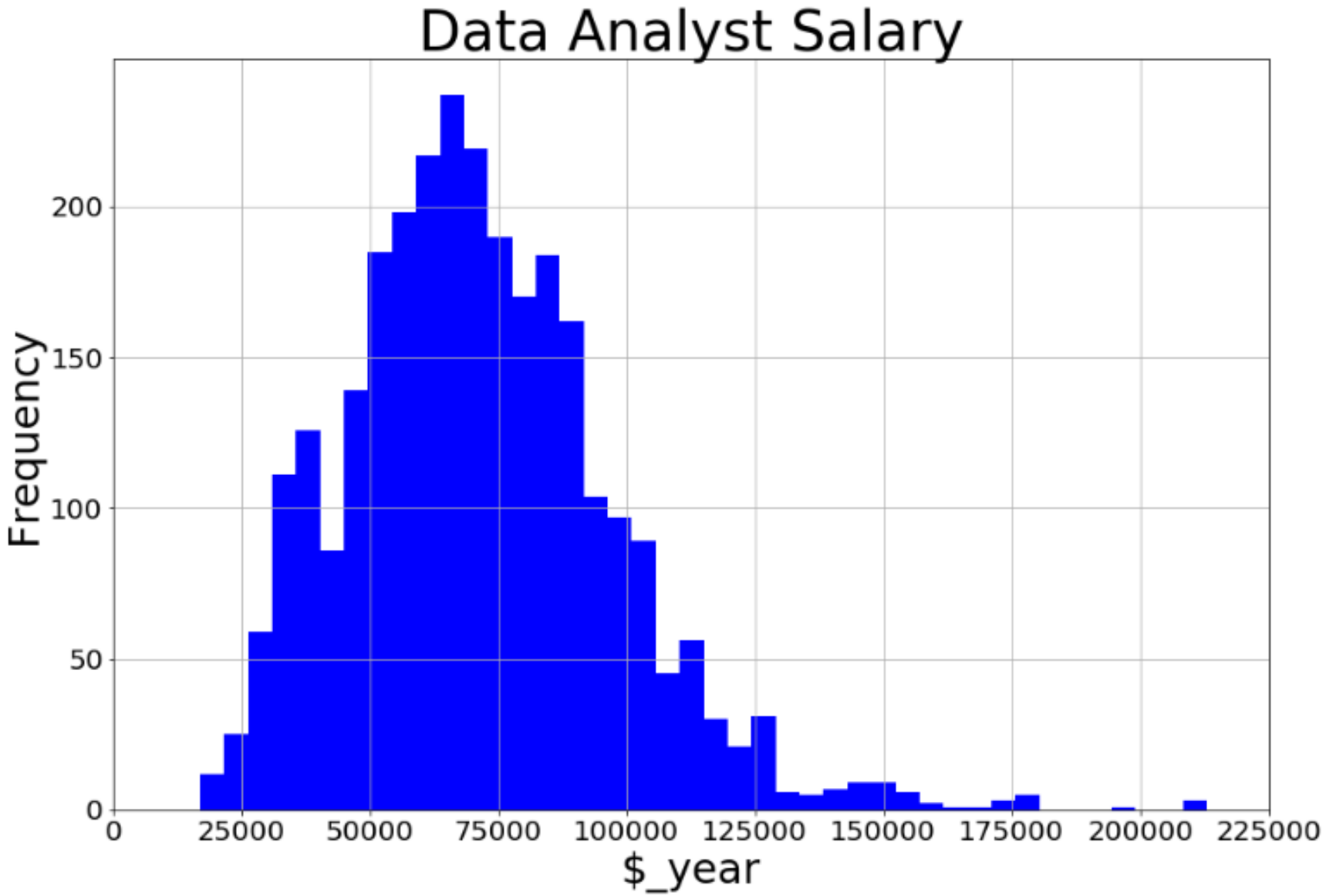
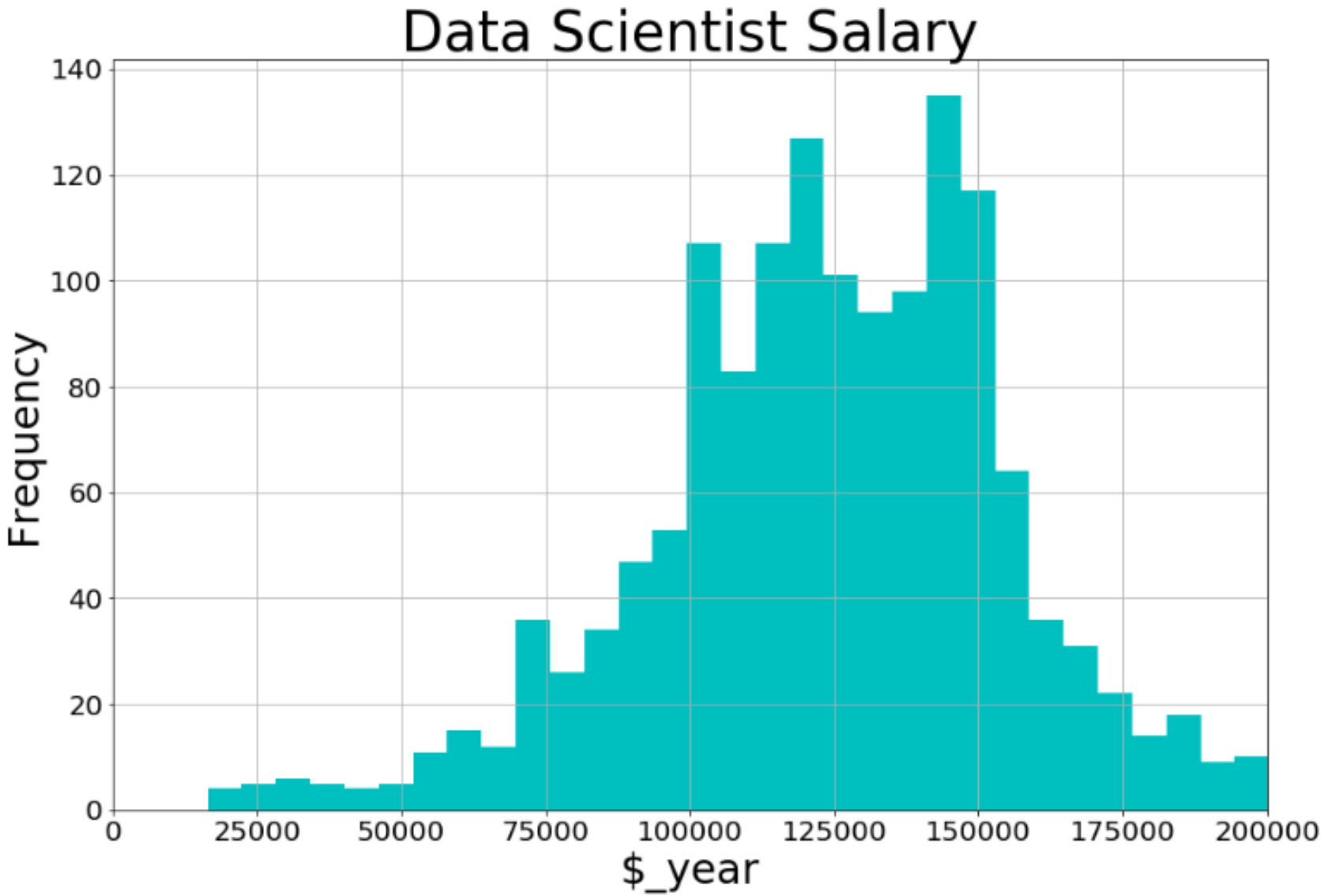
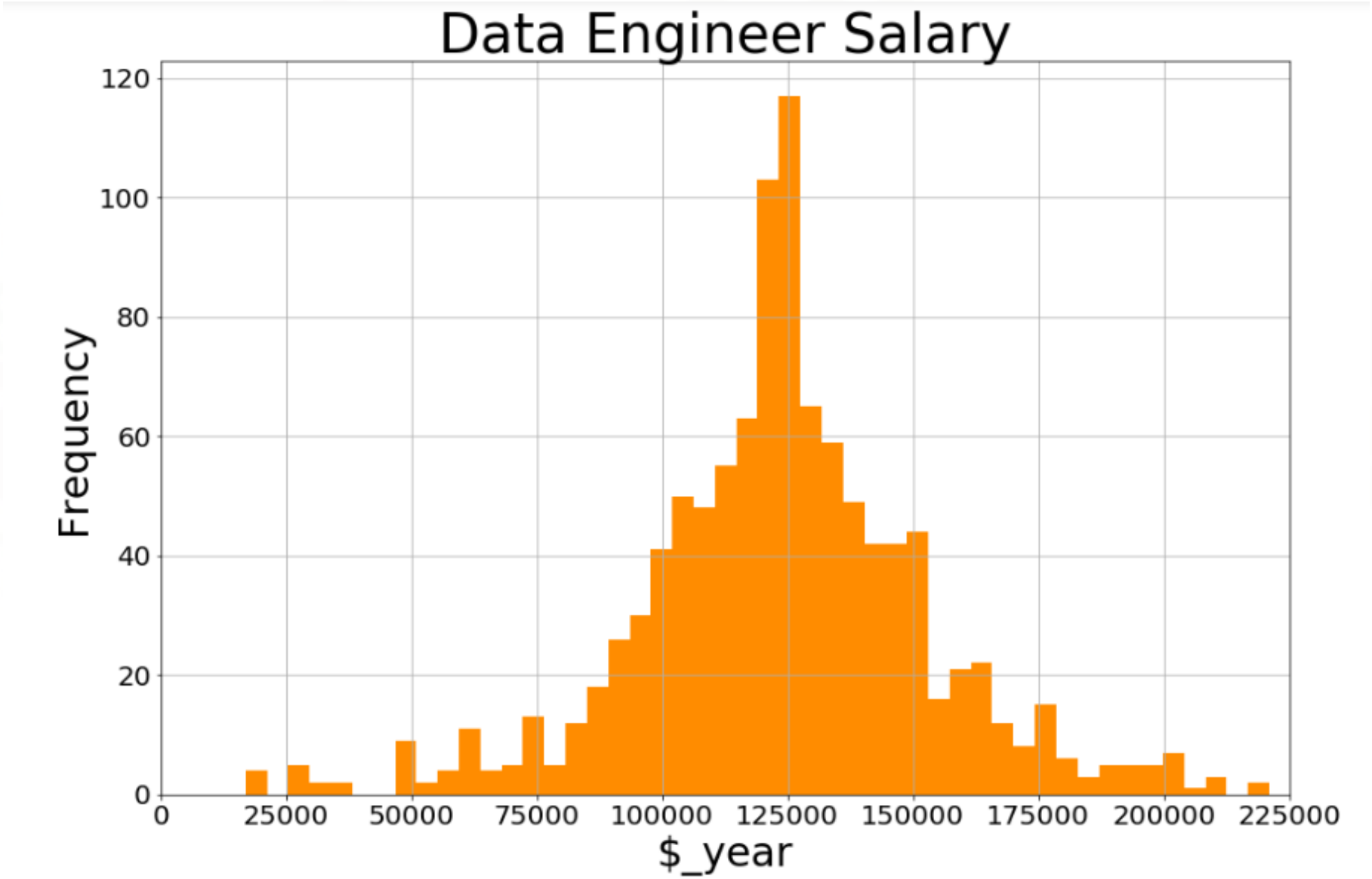


Data Science Jobs Salary Distribution



Data Science Jobs Salary Distribution



Business Analyst Employers

Data Analyst Employers

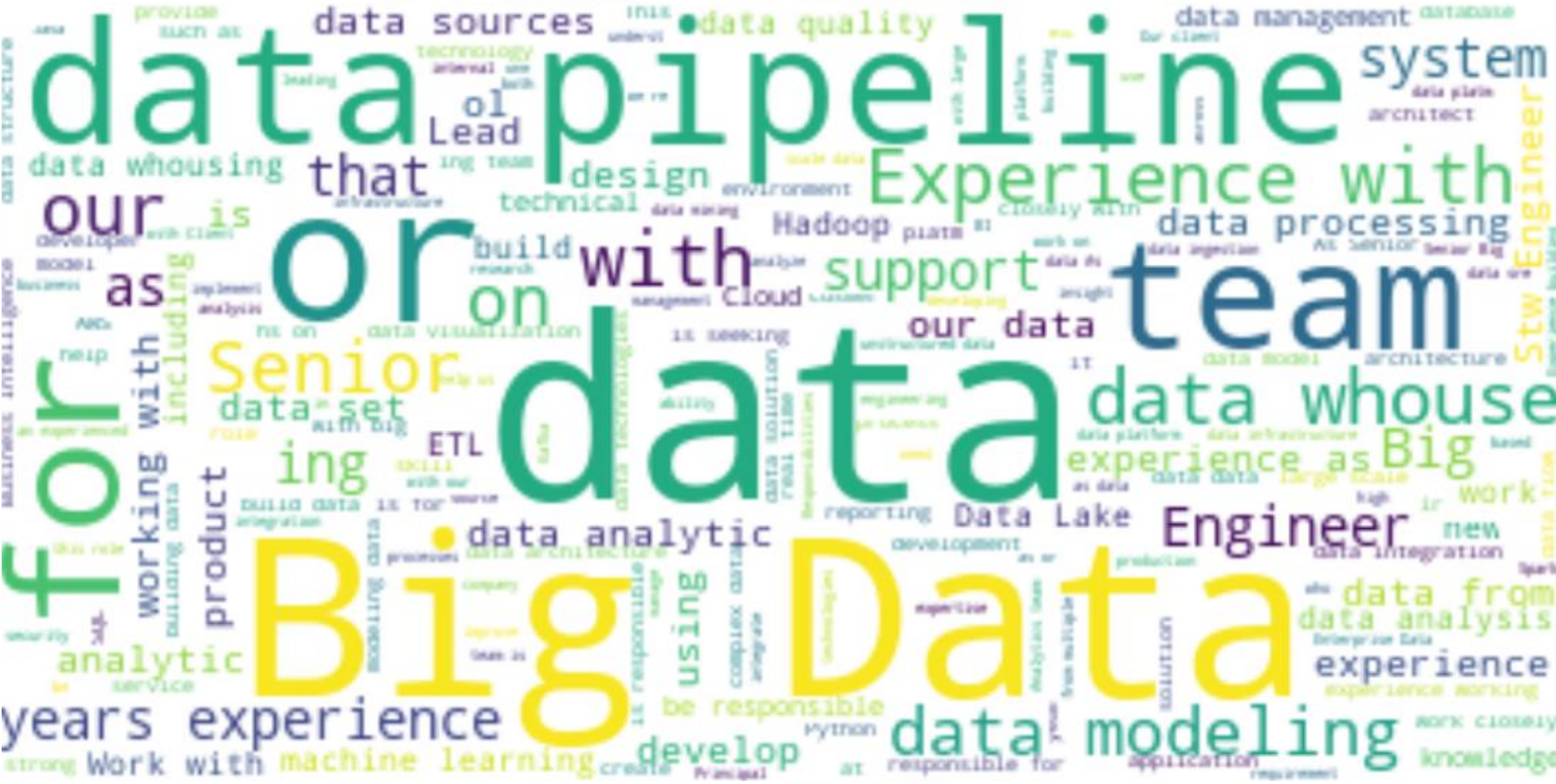
Data Scientist Employers

Data Engineer Employers

Data Analysis Jobs - Key Words

Data Scientist - Key Words

Data Engineer - Key Words



Know Your Skills and Hunt!

$Y_{(\text{Business Analyst})} = \beta_0$+SQL+ MS Office+ SDLC +Project mgmt+ Java+ AWS + ….+ε

$Y_{(\text{Data Analyst})} = \beta_0$+SQL+ Excel +Python + R + Powerpoint + ….+ε

$Y_{(\text{Data Scientist})} = \beta_0$+Python + Machine Learning + R + SQL + Hadoop + Spark + Data Mining + ….+ε

$Y_{(\text{Data Engineer})} = \beta_0$+ Python + SQL + Hadoop + Spark + Java +AWS ….+ε

You = β_0+ R + Python + Machine Learning + SQL+ Spark+...+ε