

Analysis of Data Scientist job postings

ECE 143: Final Project Presentation of Group 10

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Motivation



- Make sure the Job is the Right Fit
- Get the Inside Scoop
- Check out the Company Culture
- Interviewing works both ways

Methodology



Data Collection



Data Processing

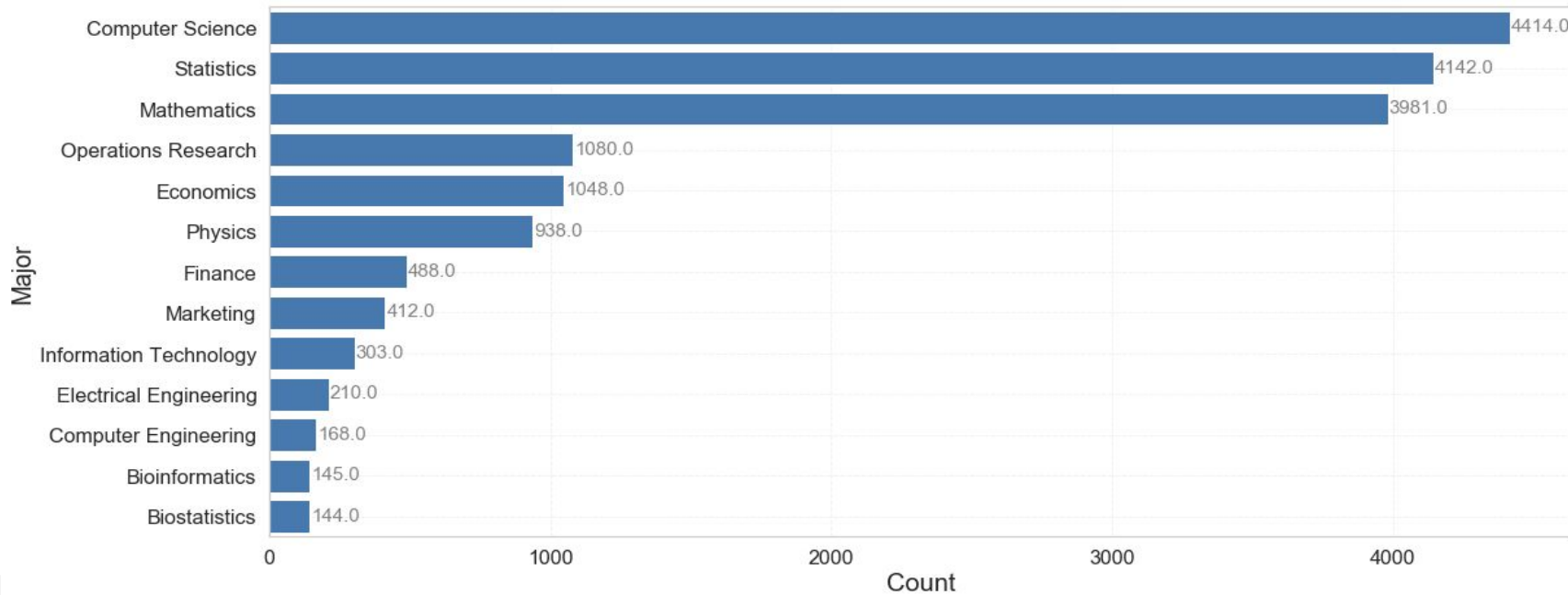
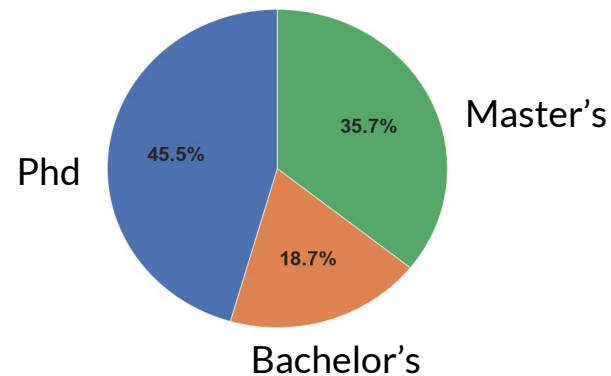


Data Visualisation

JobsPikr



Who is getting hired?

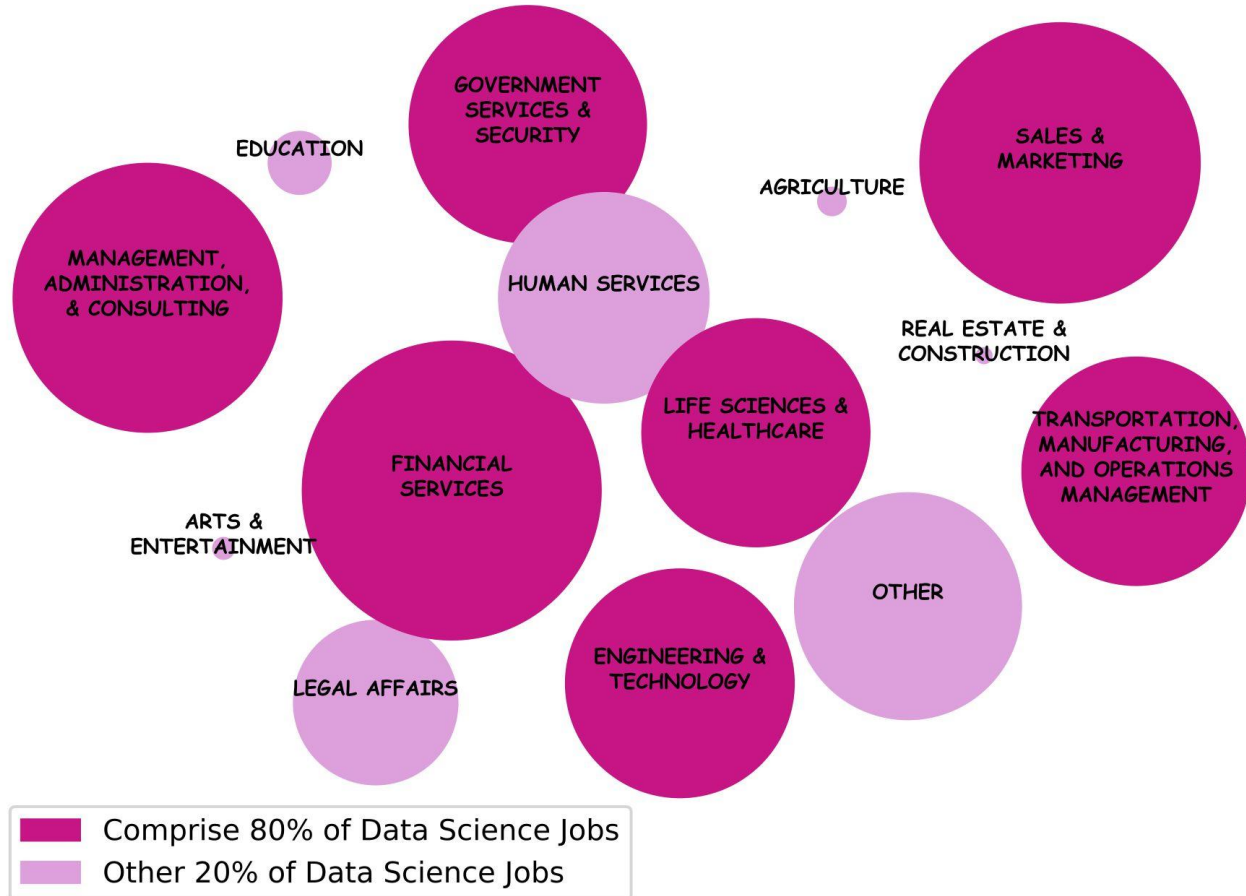


Know where to apply....

Density of job openings in different states in USA

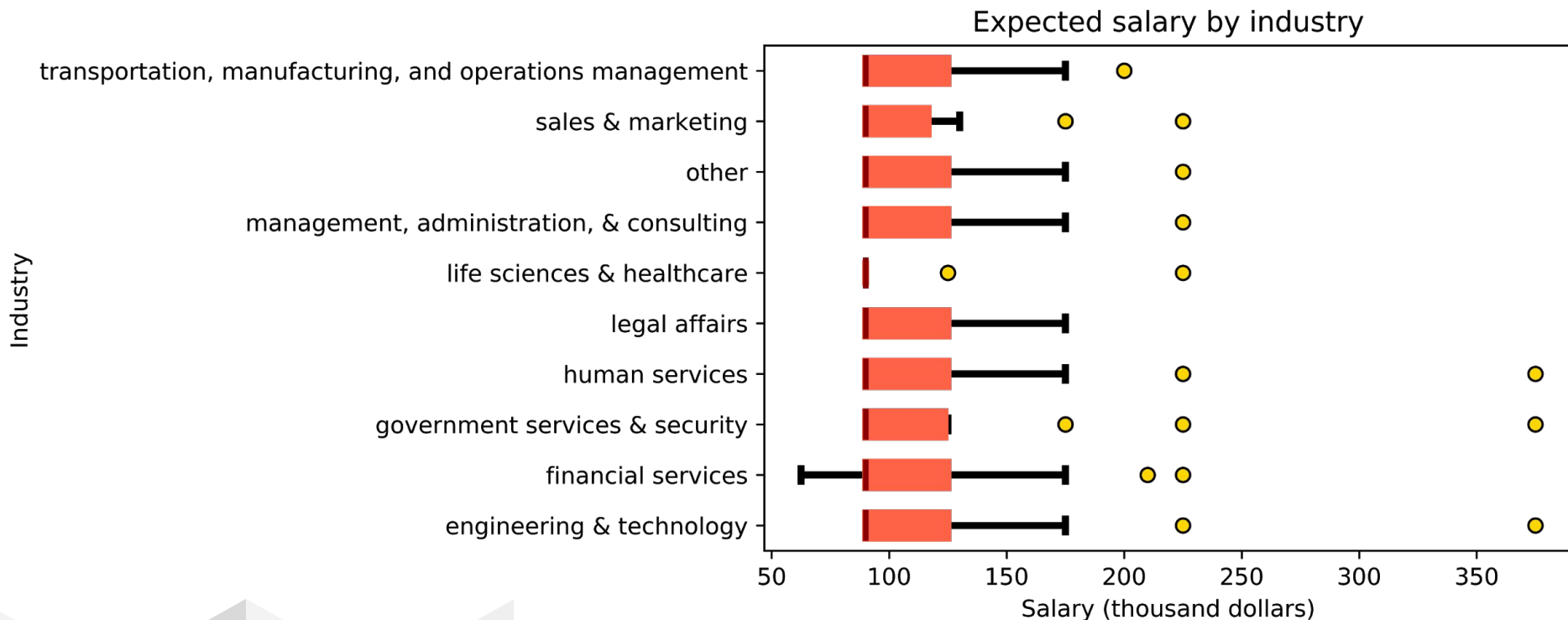


What industries do data scientists work in?

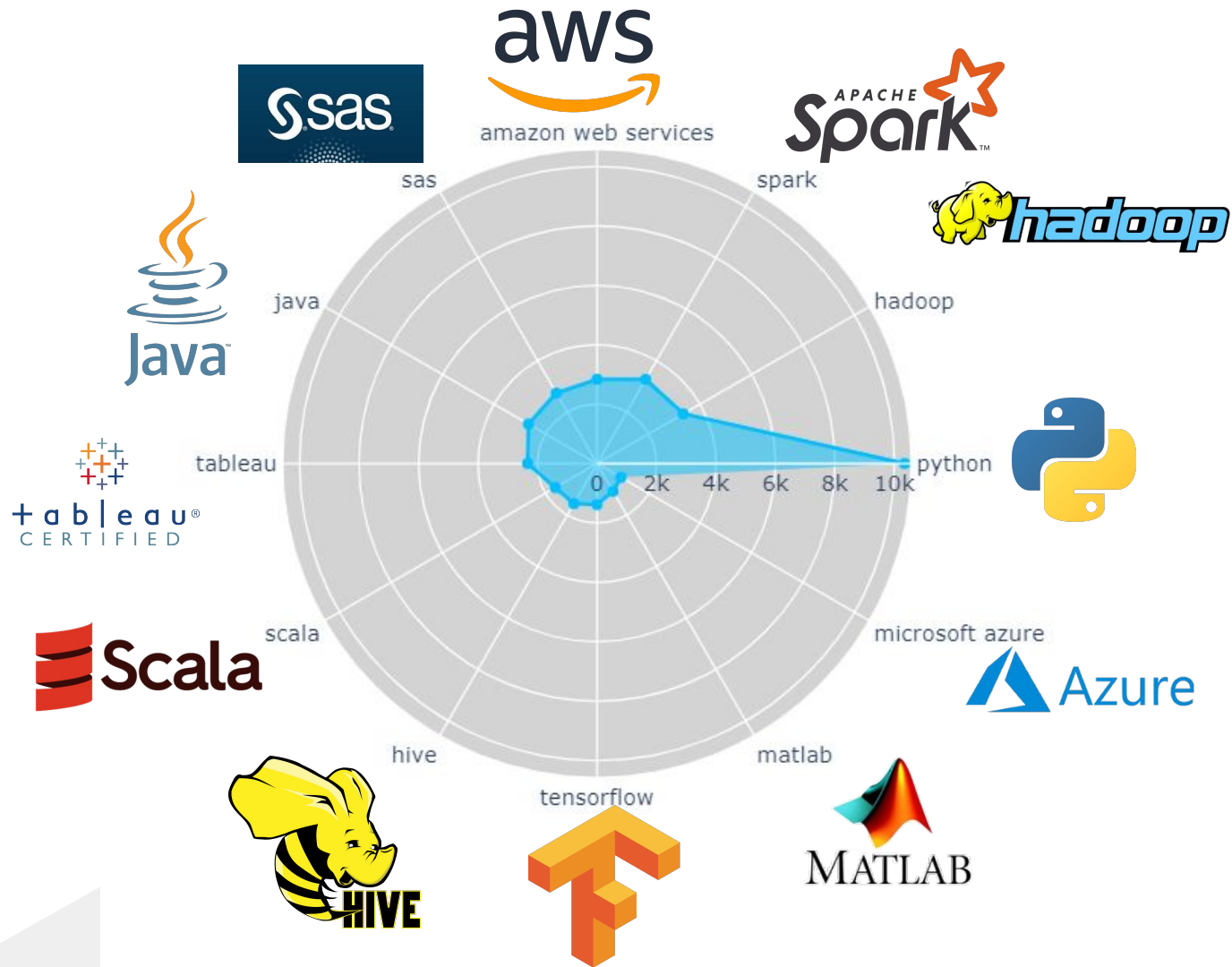


How much can you earn?

- The industry standard is \$90k - \$125k



Know your tools...



Make your resume stand out....

research
neural networks
leadership
information systems analytics
computer vision optimization
big data statistical etl database
expertise passion
machine learning
analysis data visualization
experienced programming
clustering data mining
analyze modeling
natural language processing
artificial intelligence

Know what courses to take....



Python Programming:

ECE 143, DSC 20, **DSC 30**, **COGS 18**

Big Data and Scalable Learning:

ECE 277, ECE 227

DSC 102, **DSC 291**

Machine Learning:

ECE 174, **ECE 175**, **ECE 228**, **ECE 271**, **ECE 273**, ECE 275, **ECE 285**, **ECE 286**

CSE 150, **CSE 151A**, CSE 250, CSE 254, CSE 255, **CSE 291**

COGS 108, **COGS 118**, **COGS 181**, COGS 185, COGS 188

Natural Language Processing:

CSE 156, CSE 256/LING 256

Computer Vision:

CSE 152, **CSE 252**, CSE 253, **COGS 225**, **ECE 285**, ECE 253, ECE 256

Database:

DSC 100, DSC 104, **CSE 132**, CSE 135

* Blue highlighted courses will be offered next quarter

What have we learnt....



- Higher the degree- higher the demand for you
- Target the right locations.
- Know the industry standard.
- Better tools - better offers in hand.
- Let your resume speak for you.
- Right courses lead to dream jobs.

**Remember to
stand out....**



**THANK
YOU!**

