Matthew Ahearn Industry Data:

Ideal Job: Data Scientist

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|  | General Skills | IT Skills |  |
|  | Communication | Python |  |
|  | Teamwork | SQL |  |
|  |  | Machine learning model building and implementation |  |
|  |  | Experience building and prototyping models from scratch |  |
|  |  | Cloud computing |  |
| How do these skills rank in terms of demand from employers? | Communication is by far the most in demand skill, being approximately equal to the next three combined! Team work is the fourth most in demand skill. | SQL is the most in demand skill from employers however machine learning and prototyping models are not mentioned. Surprisingly, Cloud computing is also not included in the burning glass data. Python is toward the bottom of the list and is listed only one third of the times JavaScript is. |  |
| What are the three highest ranked skills not included in your required skill set | * Problem solving * Organisation * Writing | * JavaScript * Microsoft Windows * Java |  |

Having looked at the burning glass data, has your opinion of your ideal job changed? Why or why not?

After looking at the burning glass data I find that my original opinion of the Data Scientist job is reinforced, it is a highly specialised position requiring significant experience and often postgraduate qualifications. Consequently, there will be a small pool of reasonable applicating competing in a smaller job market. I found it interesting to see that except for SQL the required skills do not reflect the demand from the industry at large. This may mean that work experience I am likely to gain in the near future and after graduating will be of limited use in this career path and I should make a concerted effort to apply for positions that will expose me to cloud computing and machine learning early on.