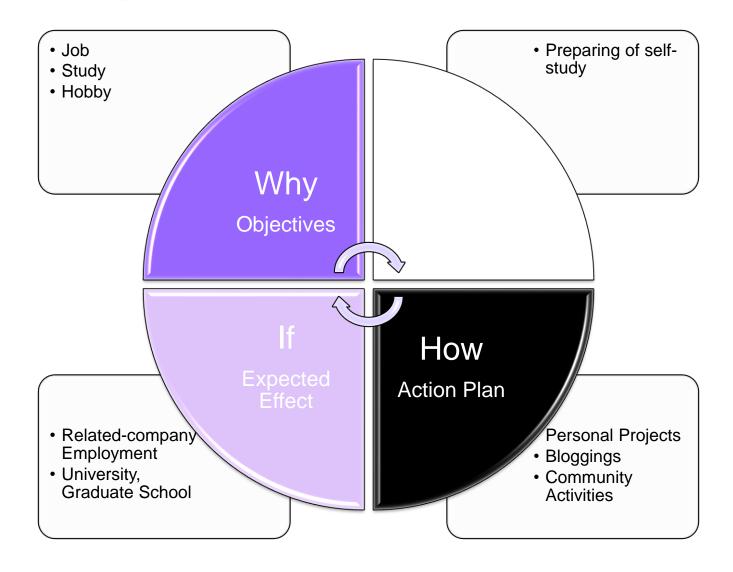
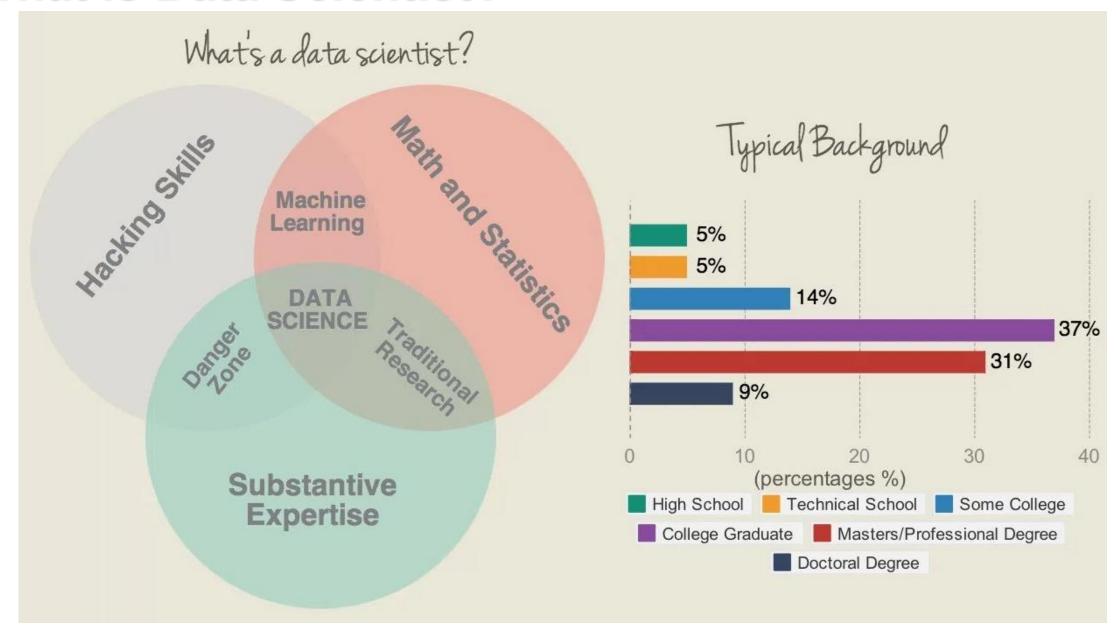
How to Become a Data Scientist in 8 Easy Steps

Bok, Jong Soon javaexpert@nate.com https://github.com/swacademy

Overview Using 4MAT



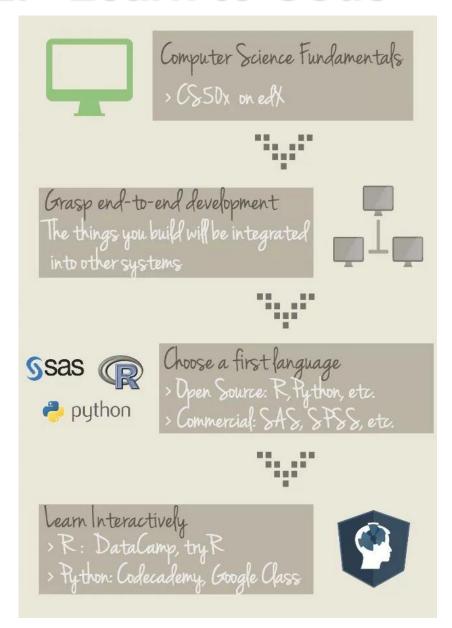
What is Data Scientist?



1. Get Good at Stats, Math and Machine Learning



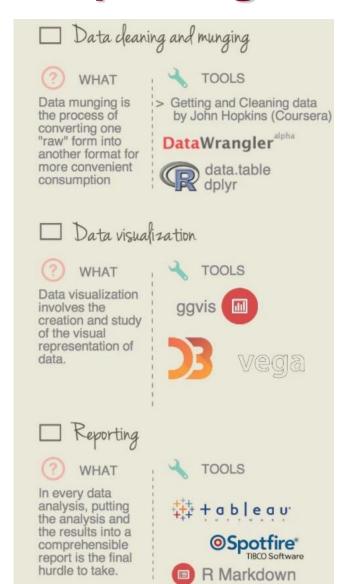
2. Learn to Code

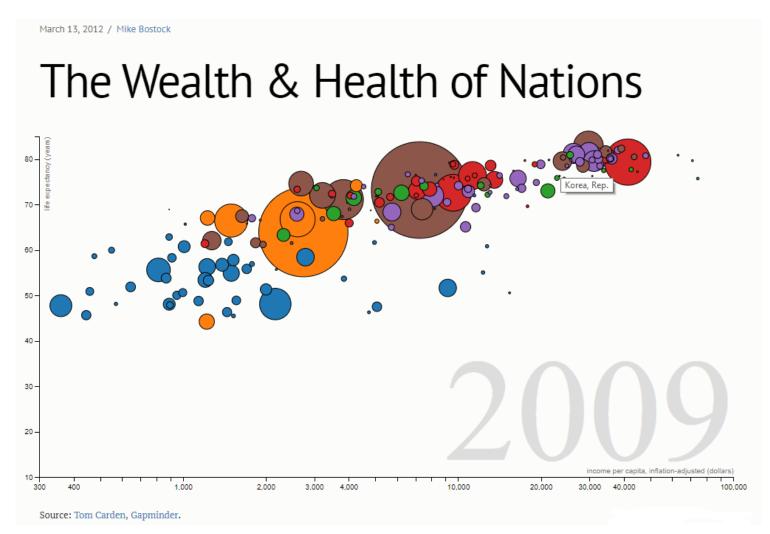


3. Understand Databases

As a data scientist student, you will often work with data in text files. However, once you enter the industry, a database is almost always used to store data. It's going to be stored in MySQL, Postgres, MongoDB, Cassandra, etc. CouchDB PostgreSQL MysqL cassandra mongoDB Learn more on databases via: MongoDB UNIVERSITY datamonkey.pro

4. Master Data Munging, Visualization and Reporting





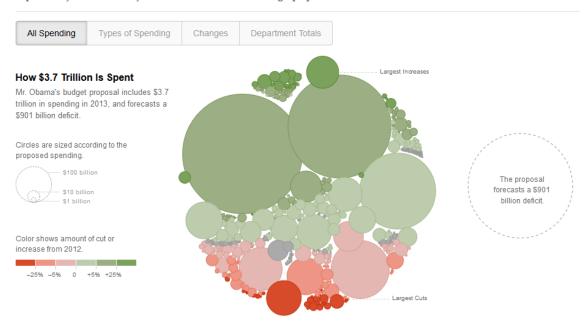
4. Master Data Munging, Visualization and Reporing (Cont.)



http://cesiumjs.org/d3cesium/

Four Ways to Slice Obama's 2013 Budget Proposal

Explore every nook and cranny of President Obama's federal budget proposal.



http://www.nytimes.com/interactive/2012/02/13/us/politics/2013-budget-proposal-graphic.html/

5. Level Up With Big Data

When you start operating with data at the scale of the web, the fundamental approach and process of analysis must change. Most data scientists are working on problems that can't be run on single machines. They have large data sets that require distributed processing.

Hadoop is an opensource software framework for storage and large-scale processing of data-sets on clusters of commodity hardware.





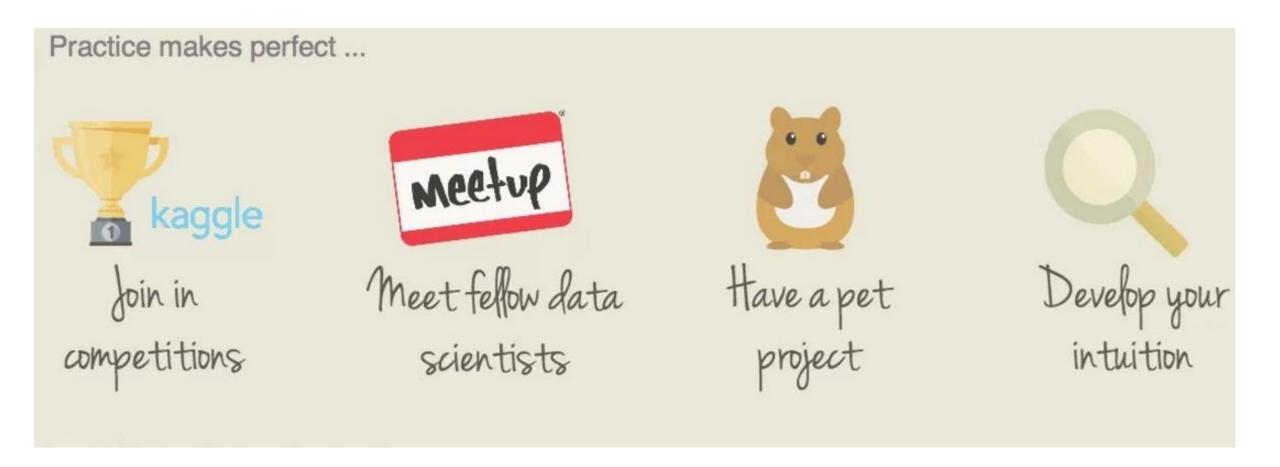


MapReduce is this programming paradigm that allows for massive scalability across the servers in a Hadoop cluster.

Apache Spark is Hadoop's speedy Swiss Army knife. It is a fast-running data analysis system that provides real-time data processing functions to Hadoop.



6. Get Experience, Practice and Meet Fellow Data Scientists



7. Internship, bootcamp or Get a Job

The best way to find out whether you are a true data scientist or not is to take the bull by the horns and to enter the real-life jungle of data-analysis and science with your freshly acquired skill set.





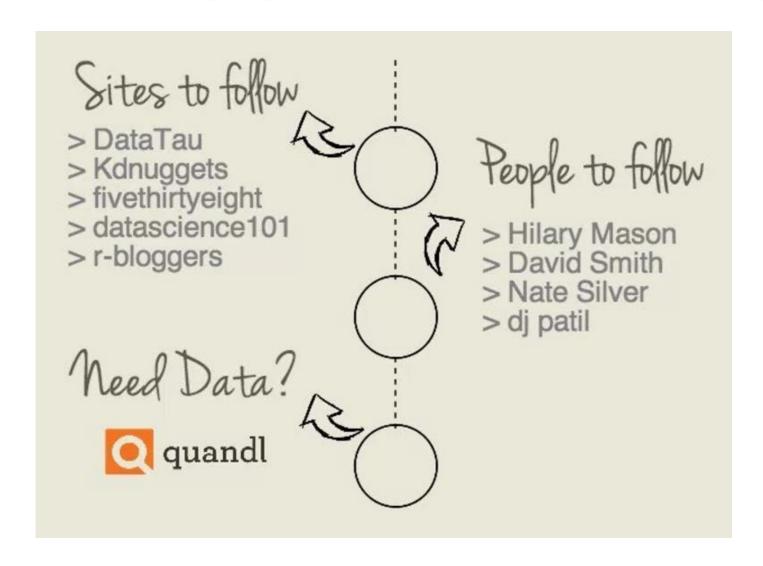








8. Follow and Engage with the Community



Reference Sites

- 정도현 블로그
 - http://www.moreagile.net/
- 빅데이터시대, 데이터 사이언티스트는 어떻게 될 수 있으며 분석언어 R은 왜 필요한가?
 - https://www.youtube.com/watch?v=Zssf8JWWHY4&t=6s
- 21세기 가장 섹시한 직업. '데이터 사이언티스트 ' 를 주목하라
 - https://www.youtube.com/watch?v=HTsh9ymyozs&t=1s
- 데이터 사이언티스트의 현실과 미래
 - https://www.youtube.com/watch?v=K-WeZm09mFU&t=1643s