

ANATOMY OF A DATA SCIENTIST

The era of Big Data has created a talent gap for people who can pull actionable insights out of raw data. The data scientist—called “the sexiest job of the 21st century” by *Harvard Business Review*—is in demand, with a 15,000% jump in job posts between 2011–2012. In the US, the average salary for these sought-after scientists is around \$100,000.

So what makes a good data scientist?

Degreed in Geek

It doesn't hurt to have degrees from top operations research, statistics or mathematics programs, such as those at MIT, Stanford, Harvey Mudd, Imperial College London, Cambridge University and the Indian Institute of Technology.

Mathlete

Strong math skills are table stakes.

Suit-Able

Has the know-how and desire to be a business leader. Today, data scientists can lead from the backroom to the boardroom.

Curiouser and Curiouser

Critical thinking and a relentlessly inquisitive nature are at the center of an analytic mindset.

Agile and Adaptive

Versatile enough to apply their expertise to multiple industries, from retail to banking, insurance to government, health care to airlines.

Problem-Solving Proven

A problem solver at heart who's able to define creative solutions to real-world problems. Knows how to define those problems generally, spot subtle patterns and connect the dots.

Insight Whisperer

Can develop unique insights, apply them to solve business problems, and explain them to business people who don't have PhDs in operations research.

Quantastic

Successful data scientists come not only from pure math backgrounds, but also from such fields as engineering, statistics and econometrics. They have programming skills, or the ability to learn programming languages and represent concepts via computer code.

Want to build your Data Scientist resume?
Come to B.I.G. (Business Intelligence group).



What: The Business Intelligence Group

- Undergrads: Learn tips & tricks for real world data mining
- Grads: kick start your research work.
- Weekly meetings:
 - Learn data mining via hands-on “how to” workshops.
 - Invited speakers.
 - Meet potential employers from industry.
 - Debate ethics for responsible data science.

Where:

EB II, room 3300

When:

Tuesdays, 12:30 – 1:30

Contact:

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