Tips From Hiring LeadersWhat makes a great Data Scientist?

I A M I B M



Q What's the ideal educational background/degree for someone interested in entry-level Data Science roles at IBM?

A We've found that those with a background in quantitative or business fields make the most successful Data Scientists:

- Math
- Statistics
- Computer Science
- Engineering
- Operational Research
- Business



Q What types of skills do you look for?

- A We look for proven experience in one or more of the following areas:
 - · Good business acumen
 - Leadership abilities
 - Ability to use key analytic and cognitive tools to design, develop and apply appropriate statistical and mathematical techniques to solve business problems
 - Strong communication skills and familiarity using visualization techniques and tools to tell the story





Q What qualifications are essential to becoming a good Data Scientist?

A Here's what we look for and what we'd love to see:

• Minimum of a Bachelor degree; a preferred Masters in the previously mentioned quantitative degrees or business.

Extra credit for:

- Experience performing Data Analysis
- · Experience manipulating large volumes of data
- Familiar with key external data sources and how they are gathered and retrieved
- Experience of languages and tools (data, analytics and data manipulation), along with the ability to select a suitable tool to work with data to achieve the analytics solution
- Able to create visual presentations of analytics results and translate quantitative insights for a non-technical audience
- Able to work with many types, forms and quantities of data, and with data of different levels of quality (both structured and unstructured/text data)





Q What attributes or personality traits help make a good Data Scientist at IBM?

A Here's a few that we find consistently in top Data Scientists:

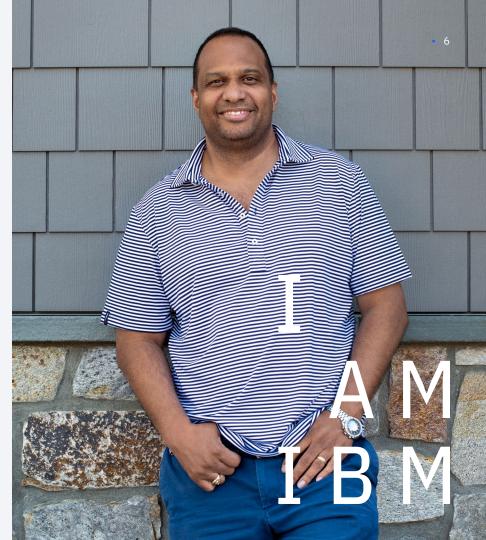
- Tells stories with big data
- Intuitive and insatiably curious
- Explorer of new ideas
- Investigator and independent thinker





Q What's the mindset of a successful Data Scientist at IBM?

- A While there's no right answer, we've found people with the following ethos or way of thinking often do well:
 - Someone who is always questioning and constantly curious
 - Forever learning with a growth mindset
 - Managing data is part of the fun
 - My findings make an impact on my clients-driving decisions and optimizations







IBM and the IBM logo are trademarks of International Business Machines Corporation, registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available at ibm.com/trademark. @International Business Machines Corp. 2021. R00358