

ANATOMY OF A DATA SCIENTIST

SALARY



Average salary of data scientists is
\$120,000/year

BENEFITS



- Harvard Business Review called data science the **"Sexiest Job of the 21st Century"**
- One of the fastest growing careers in the United States
- **94%** of data science graduates have found jobs since 2011

RESPONSIBILITIES



- Conduct research
- Extract, clean, and analyze data from varied sources
- Solve problems
- Build automation tools
- Communicate findings to management



EDUCATION



- **88%** of all data scientists have at least a Master's degree
- **46%** of data scientists have a PhD

SKILLS



- Programming languages (R, Python, SQL, Hive, etc.)
- Statistics
- Multivariable calculus and linear algebra
- Machine learning
- Software engineering
- Wrangle, visualize, and communicate data to management

CAREER POSSIBILITIES



- The majority of data scientists work in the **technology industry.**
- Other options include marketing, consulting, healthcare and pharmaceuticals, finance, government, gaming, and many more.

RESOURCES:

<https://insidebigdata.com/2017/08/05/benefits-data-scientist-career/>
https://www.glassdoor.com/Salaries/us-data-scientist-salary-SRCH_IL0,2_IN1_KO3,17.htm
<https://blog.udacity.com/2014/11/data-science-job-skills.html>
<https://online.rutgers.edu/resources/infographics/what-can-you-do-with-a-career-in-data-science/?program=mi>



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