General

- What is data science? (21 answers)
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    o Type A Data Scientist:This type is primarily concerned with making sense of data or working with it in a fairly static way.The Type A Data Scientist is very similar to a statistician (and may be one) but knows all the practical details of working with data that aren't taught in the statistics curriculum: data cleaning, methods for dealing with very large data sets, visualization, deep knowledge of a particular domain, writing well about data, and so on.
    o Type B Data Scientist: Type B Data Scientists share some statistical background with Type A, but they are also very strong coders and may be trained software engineers.   The Type B Data Scientist is mainly interested in using data "in production."   They build models which interact with users, often serving recommendations (products, people you may know, ads, movies, search results).
- What is big data? (30 answers)
- How do I learn about big data? (12 answers)
- What is big data in layman's terms? (8 answers)
- What are some actual projects data scientists have worked on?
- What is the future of data science? (20 answers)
- Why the current obsession with big data? (43 answers)
- What is the difference between Data Analytics, Data Analysis, Data Mining and Data Science?

Becoming a Data Scientist

- How do I become a data scientist (76 answers)
- How do I become a data scientist without a PhD? (11 answers)
- How do I become a data scientist as a PhD student? (8 answers)
- Do I need a Masters/PhD. to become a data scientist? (11 answers)
- What is a data scientist's career path?

Data Science Careers and Data Scientists

- What does a data scientist do? (16 answers)
- What is a typical day like as a data scientist?

- What are the key skills of a data scientist? (47 answers)
- What skills are needed for machine learning jobs? (17 answers)
- What is the work flow or process of a data scientist/analyst, and what tools do you use for this? (9 answers)
- What are the most common mistakes made by aspirational data scientists? (6 answers)
- What are the downsides of being a data scientist? (8 answers)
- Who are the most notable and influential data scientists? (10 answers)
- What is it like to be a data scientist? (7 answers)
- Which career is more promising data scientist/software developer?
- What is the data scientist profession? How does it differ from related professions? (12 answers)
- What are the differences between machine learning and data science?
- What is the difference between a decision scientist and a data scientist?
- What is difference between a data analyst and a data scientist? (11 answers)
- Is data scientist shortage overhyped?

Data Science Resources
- Where can I find large datasets open to the public? (155 answers)
- What are the best blogs about data? (75 answers)
- What are the best blogs for data miners and data scientists to read? (27 answers)

Learning Data Science

- How do I learn R? (30 answers)
- How do I begin analyzing data using R?
- How do I learn Python? (79 answers)
- How do I learn data analysis for Python? (12 answers)
- How do I learn about big data?
- How do I learn big data technologies? (17 answers)
- What's the best way for someone with no background to learn D3.js?
- What are some good resources for learning about data visualization?
- What are some good books for learning probability and statistics? (28 answers)
- What are some good books on machine learning? (15 answers)
- How do I learn Machine Learning? (51 answers)
- How do I learn to tell stories as a data scientist? (10 answers)
- How do I learn data mining in one month?

Data Science Training Programs

- Reviews of: Data Science for Social Good
- Are there any good data science bootcamps? (9 answers)
- Is the Zipfian Academy / Galvanize data science bootcamp high quality? (5 answers)
- Reviews of: Zipfian Academy/Galvanize
- What is it like to take CS 109/Statistics 121 (Data Science) at Harvard?
- Reviews of: The Open Source Data Science Masters (needs answers)

Data Science Certificates

- What are some good data science certificate programs?
- Reviews of: UW Certificate In Data Science
- Reviews of: Harvard Data Science Certificate
- Reviews of: Data Analyst Nanodegree (Udacity)
- Reviews of: Coursera Data Science Specialization Track (7 answers)
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  Note: it all costs money!
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Data Science Degrees

- What are the best masters programs in Data Science/Analytics in the US? (10 answers)
- What are the best graduate schools/programs for those who are interested in data mining/data science?

Data Science Masters Programs

- Reviews of: datascience@berkeley
- Reviews of: Stanford Master of Science in Statistics: Data Science
- What is it like to go through UC Berkeley's new Data Science MS program?
- What do data scientists think of the new Berkeley master's of information and data science online program?

Data Science MOOCs

- Reviews of: Data Analyst Nanodegree (Udacity)
- What are the best data science courses on Udacity?
- What are the best data science courses on edX?

Data Science on Coursera

- What classes should I take on Coursera if I want to become a data scientist?
- Reviews of: Coursera Data Science Specialization Track (7 answers)
- What are the best data science courses on Coursera?
- What is the difference between Coursera's data science track (via Johns Hopkins) and Udacity's data analyst nano degree?
- Is it worth it to pay 9 * $49 for a data science specialization on Coursera? (19 answers)
- As a practicing Data Scientist, would you consider hiring someone who has completed the "Data Science" specialization on Coursera in an entry level Data Scientist position?

Applications of Data Science

- How do I apply data science to social good?
- How do I apply data science to healthcare?

Data Science Teams

- What's the best way to start building a data science team? (6 answers)
- Why is it so hard to recruit top data scientists?
- How do you recruit data scientists?
- Which companies have the best data science teams? (18 answers)
- How does a company grow from a single data analyst to an entire data team?

Data Science Tools

- Why is Python a language of choice for data scientists? (8 answers)
- Is Python the most important programming language to learn for aspiring data scientists & data miners? (12 answers)
- What tools do data scientists use? (15 answers)
- Which is better for data analysis: R or Python? (26 answers)
- What tools do data scientists use for professional presentations? (7 answers)

Data Science Projects

- What are some good toy problems in data science? (24 answers)
- What are some of the most interesting data analyses ever done?
- What are some good thesis topics in data science?

Data Science at Universities

- What classes should I take if I want to become a data scientist?
- What major should I choose if I want to be a data scientist?

Data Science Interviews

- How do I prepare for a data scientist interview?
- What is a typical data scientist interview like?
- How do I prepare for a Data Engineer interview?
- How do I know whether I am ready for a data science interview?

Data Science Interview Questions

- What are common CS questions asked during data scientist interviews?
- What are some brain storming/puzzle questions asked in a data scientist/analyst interview?
- What kind of A/B testing questions should I expect in a data scientist interview and how should I prepare for such questions?
- What are the best interview questions to evaluate a machine learning researcher?
- How should I prepare for statistics questions for a data science interview?
- What are some important questions to ask a recruiter when interviewing for a data science job?

Data Science Internships

- What companies have data science internships?
- What internships will help be become a data scientist?
- What are some tips to choose whether I want to apply for a Data Science or Software Engineering internship?
- When is the best time to apply for data science summer internships?

Data Science Jobs

- What companies are hiring data scientists?

- What companies are hiring new grad data scientists?
- Where are data scientist jobs located?
- How do I learn about data science job openings?