



Module 1 - Defining Data Science

- What is Data Science?
- The Many Paths to Data Science
- Advice for New Data Scientists
- Reading: "Data Science: The Sexiest Job in the 21st Century"
- Quiz: "Data Science: The Sexiest Job in the 21st Century"

Module 2 - What Do Data Scientists Do?

- A day in the Life of a Data Scientist
- Data Science Topics and Algorithms
- What is the Cloud?
- Reading: "What Makes Someone a Data Scientist"
- Quiz: "What Makes Someone a Data Scientist"

Module 3 - Data Science in Business

- How Should Companies Get Started in Data Science?
- Recruiting Data Science
- Applications of Data Science
- Reading: "Regression"
- Quiz: "Regression"

Module 4 - Data Science Topics

- Data Scientists at New York University
- What is Hadoop?
- Reading: "Data Mining"
- Quiz: "Data Mining"

Module 5 - Data Science Topics (Cont'd)

- Neural Networks and Deep Learning
- How Can Someone Become a Data Scientist?
- High School Students and Data Science Careers
- Applications of Machine Learning
- Reading: "The Final Deliverable"
- Quiz: "The Final Deliverable"

Module 6 - Final Assignment

- Reading: "The Report Structure"
- Quiz: "The Report Structure"
- Final Assignment

[Mark as completed](#)