Data Science 101

At a Glance

The art of uncovering the insights and trends in data has been around since ancient times. The ancient Egyptians used census data to increase efficiency in tax collection and they accurately predicted the flooding of the Nile River every year. Since then, people working in data science have carved out a unique and distinct field for the work they do, this field is data science. In this course, we will meet some data science practitioners and we will get an overview of what data science is today.

ABOUT THIS COURSE

Find out the truth about what Data Science is. Hear from real practitioners telling real stories about what it means to work in data science. This course was formerly named **Data Science 101**.

COURSE SYLLABUS

Module 1 - Defining Data Science

- What is data science?

- There are many paths to data science

- Any advice for a new data scientist?

- What is the cloud?

- "Data Science: The Sexiest Job in the 21st Century"

Module 2 - What do data science people do?

- A day in the life of a data science person

- R versus Python?

- Data science tools and technology

- "Regression"

Module 3 - Data Science in Business

- How should companies get started in data science?

- Tips for recruiting data science people

- "The Final Deliverable"

Module 4 - Use Cases for Data Science

- Applications for data science

- "The Report Structure"

Module 5 -Data Science People

- Things data science people say

- "What Makes Someone a Data Scientist?"