

What you'll learn

1. Define data science and its importance in today's data-driven world.
2. Describe the various paths that can lead to a career in data science.
3. Summarize the advice seasoned data science professionals give to data scientists who are just starting.
4. Explain why data science is considered the most in-demand job in the 21st century.

There are 4 modules in this course

Do you want to know why data science has been labelled the sexiest profession of the 21st century? After taking this course, you can answer this question, understand what data science is and what data scientists do, and learn about career paths.

The art of uncovering insights and trends in data has been around since ancient times. The ancient Egyptians used census data to increase efficiency in tax collection and accurately predicted the Nile River's flooding every year. Since then, people have continued to use data to derive insights and predict outcomes. Recently, they have carved out a unique and distinct field for their work. This field is data science.

In today's world, we use Data Science to find patterns in data and make meaningful, data-driven conclusions and predictions.

This course is for everyone and teaches concepts like how data scientists use machine learning and deep learning and how companies apply data science in business.

You will meet several data scientists who will share their insights and experiences in data science. By taking this introductory course, you will begin your journey into this thriving field.

- **Module 1** Defining Data Science and What Data Scientists Do
- **Module 2** Data Science Topics
- **Module 3** Applications and Careers in Data Science
- **Module 4** Data Literacy for Data Science (Optional)