

# Lesson 1: Introduction to Programming

Introduction to Programming

#### Transcript Note

Welcome to the world of programming! In this introductory lesson, we'll explore the fundamental concepts that underpin all programming languages. We'll start with the basics of syntax, which is the set of rules that govern how code is written. Understanding syntax is crucial for writing code that computers can understand and execute correctly.

Previous

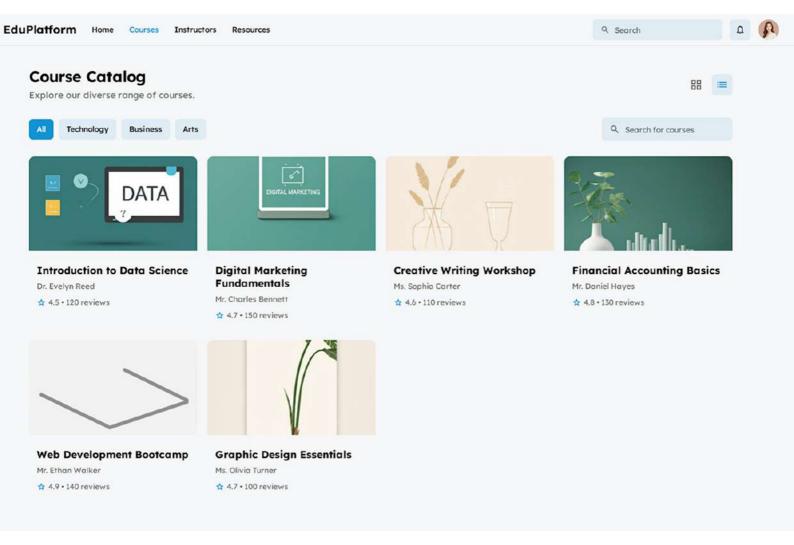
Next, we'll delve into data types, which define the kind of data a program can work with, such as numbers, text, and boolean values. Finally, we'll examine control structures, which allow us to control the flow of execution in our programs, enabling us to create complex and dynamic applications. By the end of this lesson, you'll have a solid foundation in programming fundamentals, setting the stage for more advanced topics in subsequent lessons.

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#### **Course Outline**

Web Development Bootcamp

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## **Advanced Data Science Techniques**

Master advanced data science techniques, including machine learning, deep learning, and big data analytics.

Overview

Curriculum Instructor

#### **Course Description**

This course provides an in-depth exploration of advanced data science techniques, covering topics such as machine learning algorithms, neural networks, and big data processing. Through hands-on projects and real-world case studies, you will learn to apply these techniques to solve complex problems and make data-driven decisions. The course is designed for individuals with a foundational understanding of data science who are looking to enhance their skills and expertise.

#### Curriculum



Introduction to Advanced Data Science





#### Instructor



Dr. Evelyn Reed Lead Data Scientist

Dr. Reed has 10+ years of experience in data science with a PhD in Computer Science. She specializes in machine learning and big data analytics.

### \$499

One-time payment

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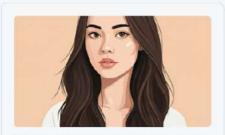
#### COURSE INCLUDES

- 3 8 hours on-demand video
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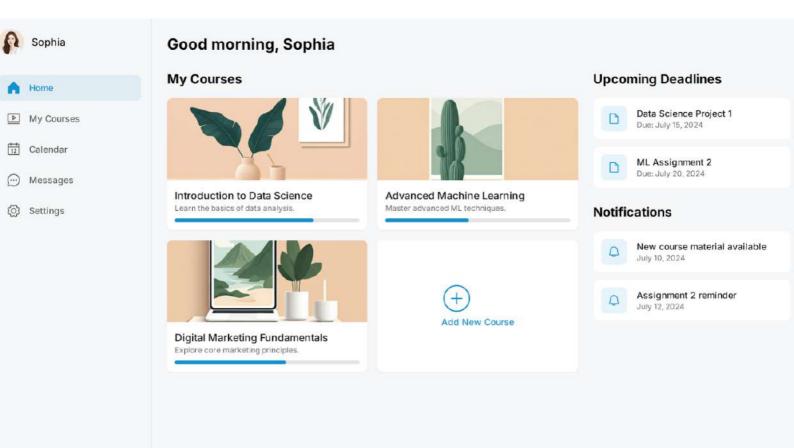
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**New Course** 

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