Module One Introduction

Module One

Learning Objective

By the end of this module, you will meet this learning objective:

☑ Explain the basic concepts and practical applications of artificial intelligence

Module Overview

Artificial Intelligence is one of the fastest-expanding fields in computer science and information technology. The phrases "machine learning" and "data science" are set to surpass "software engineer" in job descriptions on LinkedIn this year. As you progress toward graduation and begin to search for internships and full-time positions in IT, you will quickly learn that experience with artificial intelligence and machine learning is highly valued by industry leaders.

In this module, you will be asked to complete some readings that introduce you to the topic of artificial intelligence and its industry applications. You will familiarize yourselves with the lingo, gain a basic understanding of AI's various subfields, and learn the history of modern AI. You will also be given some tutorials to help you navigate and set up your coding environment for the course. Make sure to study these resources and tutorials carefully, as they will lay the foundation for your success in this course.
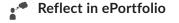
You will also be asked to complete a written assignment. While it may seem counterintuitive to write about a topic this early in the course, the purpose of this assignment is to get you to think like an AI developer and identify potential applications for this technology in everyday life. It will also help you to consider the implications AI will have on your daily life and on society as a whole.

Finally, you will have a chance to introduce yourself to your peers in a graded discussion. Please make sure to address every prompt in your initial post by midnight on Thursday, and to respond to a minimum of two of your peers by midnight on Sunday.

Module at a Glance

This is the recommended plan for completing the reading assignments and activities within the module. Additional information can be found in the module Resources section and on the module table of contents page.

1 Review the tutorials and set up accounts.

2   Review the Module One resources.

3   Post your initial response to this week's discussion.

4   Complete the Module One assignment.

5   Review the Project One and Project Two guidelines and rubrics.

6   Post peer responses to the discussion.

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Activity Details

You have viewed this topic

Read this introduction to learn what you'll be working on in this module.

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