

Completed

AI Coding 1 GenAI Applications 1 Task Automation 1

Course

Learn Python with AI

DeepLearning.AI

AI Python for Beginners

Beginner

100% Completed

Continue

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Course Syllabus X

AI Python for Beginners

100% Completed Certificate

Module 1: Basics of AI Python Coding

Module 2: Automating Tasks with Python

Module 3: Working with Your Own Data and Documents in Python

Module 4: Extending Python with Packages and APIs

Introduction

Video • 3 mins

Course Syllabus

- Combining text and calculations
Video with Code Example · 7 mins
- Variables
Video with Code Example · 7 mins
- Building LLM prompts with variables
Video with Code Example · 4 mins
- Functions: Actions on Data
Video with Code Example · 7 mins

Quiz 1
Graded · Quiz · 10 mins

Working with a Virtual Library
Graded · Code Assignment · 1 hour 30 mins

Module 2: Automating Tasks with Python

Course Syllabus

- Video with Code Example · 6 mins
- Comparing data in Python
Video with Code Example · 11 mins
- Helping AI make decisions
Video with Code Example · 10 mins

Quiz 2
Graded · Quiz · 10 mins

Next course preview: working with files
Video with Code Example · 4 mins

Book Tracker
Graded · Code Assignment · 1 hour 30 mins

Module 3: Working with Your Own Data and Documents in Python

Course Syllabus

- Vacation planning using CSV files
Video with Code Example · 7 mins
- Turning code blocks into reusable functions
Video with Code Example · 8 mins
- Creating detailed itineraries for multiple cities
Video with Code Example · 8 mins

Share Your Learning Project!
Resource · 10 mins

Quiz 3
Graded · Quiz · 10 mins

Pluto's Poetic Journey
Graded · Code Assignment · 1 hour 30 mins

Course Syllabus

Video with Code Example · 7 mins

- ✓ APIs to use AI models
Video with Code Example · 9 mins
- ⌚ Install Python on your computer (Optional)
Code Example · 10 mins
- ✓ Conclusion
Video · 3 mins
- ⚖ Quiz 4
Graded · Quiz · 10 mins
- 💡 Share Your Learning Project!
Resource · 10 mins

⚖ Candy Analysis
Graded · Code Assignment · 1 hour 30 mins