

# Python for AI: Create AI Apps with Flask & OpenAI

Develop the skills to employ AI in your Python coding through this hands-on course. Learn key AI concepts and build & deploy your own AI app.

Group classes in NYC and onsite training is available for this course. For more information, email [corporate@nobledesktop.com](mailto:corporate@nobledesktop.com) or visit: <https://www.careercenters.com/courses/ai-python>



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## Course Outline

### Introduction to Flask

- Overview of Flask and its use cases
- Setting up a Flask project
- Creating and running your first Flask app

### Building the Web Application

- Designing the HTML structure and creating templates
- Styling the app with CSS
- Creating Flask routes for handling requests and rendering templates

### Integrating the OpenAI API

- Setting up the OpenAI API and acquiring an API key
- Making API calls to perform sentiment analysis
- Parsing and displaying the API's results in your web app

### Handling User Input

- Building forms in HTML to capture user input
- Processing form submissions in Flask
- Displaying dynamic content based on user input

### Error Handling & Debugging

- Implementing error handling to catch and manage potential issues
- Debugging common errors and understanding Flask's error messages

### Deploying & Testing

- Running the Flask app locally and testing its functionality
- Reviewing the complete workflow of submitting a comment and receiving sentiment analysis results