

uCertify

Course Outline

No-Code Artificial Intelligence



04 Aug 2025

1. Exercises, Quizzes, Flashcards & Glossary

Number of Questions

2. Expert Instructor-Led Training

3. ADA Compliant & JAWS Compatible Platform

4. State of the Art Educator Tools

5. Award Winning Learning Platform (LMS)

6. Chapter & Lessons

Syllabus

Chapter 1: Preface

Chapter 2: What is AI

Chapter 3: Getting Started with No-code AI

Chapter 4: Building AI Model to Predict Housing Prices

Chapter 5: Classifying Different Images

Chapter 6: Building AI Model to Perform Sales Forecasting

Chapter 7: Building AI Model to Find Fraudulent Claims

Chapter 8: Building AI Model to Detect Diseases in Plants

Chapter 9: Building AI Model to Create Targeted Customer Offerings

Chapter 10: Building AI Model for Healthcare Information Identification

Chapter 11: Building AI Model for Video Action Recognition

Chapter 12: Building AI Applications with Coded AI

Videos and How To

1. Expert Instructor-Led Training

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields. Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

2. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

3. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assessments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

4. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 7 years:

- **2014**
 1. Best Postsecondary Learning Solution

- **2015**

1. Best Education Solution
2. Best Virtual Learning Solution
3. Best Student Assessment Solution
4. Best Postsecondary Learning Solution
5. Best Career and Workforce Readiness Solution
6. Best Instructional Solution in Other Curriculum Areas
7. Best Corporate Learning/Workforce Development Solution

- **2016**

1. Best Virtual Learning Solution
2. Best Education Cloud-based Solution
3. Best College and Career Readiness Solution
4. Best Corporate / Workforce Learning Solution
5. Best Postsecondary Learning Content Solution
6. Best Postsecondary LMS or Learning Platform
7. Best Learning Relationship Management Solution

- **2017**

1. Best Overall Education Solution
2. Best Student Assessment Solution
3. Best Corporate/Workforce Learning Solution
4. Best Higher Education LMS or Learning Platform

- **2018**

1. Best Higher Education LMS or Learning Platform
2. Best Instructional Solution in Other Curriculum Areas
3. Best Learning Relationship Management Solution

- **2019**

1. Best Virtual Learning Solution
2. Best Content Authoring Development or Curation Solution
3. Best Higher Education Learning Management Solution (LMS)

- 2020
 1. Best College and Career Readiness Solution
 2. Best Cross-Curricular Solution
 3. Best Virtual Learning Solution

5. Chapter & Lessons

uCertify brings these textbooks to life. It is full of interactive activities that keeps the learner engaged. uCertify brings all available learning resources for a topic in one place so that the learner can efficiently learn without going to multiple places. Challenge questions are also embedded in the chapters so learners can attempt those while they are learning about that particular topic. This helps them grasp the concepts better because they can go over it again right away which improves learning.

Learners can do Flashcards, Exercises, Quizzes and Labs related to each chapter. At the end of every lesson, uCertify courses guide the learners on the path they should follow.

Syllabus

Chapter 1: Preface

Chapter 2: What is AI

- Introduction to Artificial Intelligence
- Types of AI systems
- Introduction to Machine Learning
- Supervised learning
- Unsupervised learning
- Reinforcement Learning

- Bleeding edge AI research
- Conclusion
- Further readings
- Questions

Chapter 3: Getting Started with No-code AI

- Introduction to no-code AI
- History of no-code AI
- Different types of no-code AI solutions
- Advantages of no-code AI solutions
- Conclusion
- Questions

Chapter 4: Building AI Model to Predict Housing Prices

- Data selection
- No-Code AI tool selection
- Exploratory Data Analysis
- Model selection
- Training

- Evaluation
- Result and further improvements
- Conclusion

Chapter 5: Classifying Different Images

- Data selection
- No-Code AI tool selection
- Data labeling
- Training
- Evaluation
- Result and further improvements
- Conclusion
- Questions

Chapter 6: Building AI Model to Perform Sales Forecasting

- Data selection
- No-code AI tool selection
- Exploratory Data Analysis
- Model selection

- Training
- Evaluation
- Result and further improvements
- Conclusion

Chapter 7: Building AI Model to Find Fraudulent Claims

- Data selection
- No-Code AI tool selection
- Exploratory Data Analysis
- Model selection
- Training
- Evaluation
- Result and further improvements
- Conclusion
- Questions

Chapter 8: Building AI Model to Detect Diseases in Plants

- Data selection
- No-Code AI tool selection

- Exploratory Data Analysis
- Model selection
- Training
- Evaluation
- Result and further improvements
- Conclusion
- Questions

Chapter 9: Building AI Model to Create Targeted Customer Offerings

- Data selection
- No-Code AI tool selection
- Exploratory Data Analysis
- Model selection
- Training
- Evaluation
- Result and Further improvements
- Conclusion
- Questions

Chapter 10: Building AI Model for Healthcare Information Identification

- Data selection
- No-code AI tool selection
- Exploratory Data Analysis
- Model selection and training
- Evaluation
- Result and further improvements
- Conclusion
- Questions

Chapter 11: Building AI Model for Video Action Recognition

- Data selection
- No-code AI tool selection
- Exploratory Data Analysis
- Model selection and training
- Evaluation
- Result and further improvements
- Conclusion
- Questions

Chapter 12: Building AI Applications with Coded AI

- Introduction to Python programming language
- Popular AI libraries
- Build AI projects with Python in Google Colab
- Using pretrained models for AI Applications
- Using Kaggle for AI and data science challenges
- Conclusion
- Questions

You can't stay away! Get

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