COURSE DETAIL

ARTIFICIAL INTELLIGENCE: CONCEPTS AND APPLICATIONS
Country United Kingdom - England
Host Institution University College London
Program(s) Summer at University College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 109
UCEAP Course Suffix S
UCEAP Official Title ARTIFICIAL INTELLIGENCE: CONCEPTS AND APPLICATIONS
UCEAP Transcript Title AI: CONCEPTS & APP
UCEAP Quarter Units 6.00
UCEAP Semester Units

4.00

Course Description

This course offers a comprehensive exploration into the field of Artificial Intelligence (AI), specifically designed for students with diverse backgrounds. Spanning a period of three weeks, participants are introduced to fundamental AI concepts and techniques, ranging from basic machine learning principles to advanced neural networks and ethical considerations. Through a mix of interactive lectures, hands-on coding exercises, and practical case studies, students not only acquire a theoretical understanding of AI but also develop practical skills in data pre-processing, model implementation, and ethical decision-making. The course serves as a platform for students to delve into AI's potential and ethical dimensions, cultivating insights into its applications across industries and nurturing a curiosity for further AI study.

Language(s) of Instruction
English

Host Institution Course Number
ISSU0123

Host Institution Course Title
ARTIFICIAL INTELLIGENCE: CONCEPTS AND APPLICATIONS

Host Institution Course Details
https://www.ucl.ac.uk/prospective-students/summer-school/modules/artificial-int...

Host Institution Campus

Host Institution Faculty
Division of Biosciences

Host Institution Degree
Host Institution Department
Course Last Reviewed 2024-2025

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