COURSE DETAIL

BIG DATA AND ARTIFICIAL INTELLIGENCE

Country
Spain

Host Institution
Pompeu Fabra University

Program(s)
21st Century Barcelona

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
119

UCEAP Course Suffix

UCEAP Official Title
BIG DATA AND ARTIFICIAL INTELLIGENCE

UCEAP Transcript Title
BIG DATA & AI

UCEAP Quarter Units
1.50

UCEAP Semester Units
1.00

Course Description

This course offers an introduction to the concept of Big Data and how to manage large volumes of data using machine learning. It applies Big Data to various areas including education, health, finance, and social media. This course also discusses the challenges of Big Data including data bias, transparency and accountability of the algorithms, the loss of privacy and the new ethical dilemmas these algorithms generate.

Language(s) of Instruction

English

Host Institution Course Number

59029

Host Institution Course Title

BIG DATA AND ARTIFICIAL INTELLIGENCE

Host Institution Campus

Ciutadella Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

UPF Education Abroad Program

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