COURSE DETAIL

BIG DATA SOLUTIONS TO SOCIAL PROBLEMS: THE GOOD, THE BAD AND THE UGLY

Country
Hong Kong

Host Institution
University of Hong Kong

Program(s)
University of Hong Kong

UCEAP Course Level
Lower Division

UCEAP Subject Area(s)
Sociology Computer Science

UCEAP Course Number
66

UCEAP Course Suffix

UCEAP Official Title
BIG DATA SOLUTIONS TO SOCIAL PROBLEMS: THE GOOD, THE BAD AND THE UGLY

UCEAP Transcript Title
DATA SOLN: SOC PRBL

UCEAP Quarter Units
5.00

UCEAP Semester Units
3.30

Course Description

Do Google and Facebook understand us better than we do ourselves? Are we becoming lab rats every time we go online? Is the impartially designed algorithm for predicting the probability of recidivism truly fair for sentencing individuals? When big data analytics are routinely applied in our daily lives, the ability to audit the adopted algorithms becomes crucial. This course aims to build students' big data literacy through three major areas of focus: (1) Defining what big data is; (2) Providing an overview of existing big data analytical techniques; and (3) Discussing opportunities and challenges of big data analytics in tackling social problems.

Language(s) of Instruction
English

Host Institution Course Number
CCST9066

Host Institution Course Title
BIG DATA SOLUTIONS TO SOCIAL PROBLEMS: THE GOOD, THE BAD AND THE UGLY

Host Institution Course Details
https://commoncore.hku.hk/ccst9066/

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

Print