

COURSE DETAIL

MACHINE LEARNING FOR EDUCATION

Country

Germany

Host Institution

Humboldt University Berlin

Program(s)

Humboldt University Berlin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

104

UCEAP Course Suffix**UCEAP Official Title**

MACHINE LEARNING FOR EDUCATION

UCEAP Transcript Title

MACHINE LEARN EDUC

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

In recent years Machine Learning has started to influence all aspects of human life, and education is no exception. In this seminar course, we will introduce basic concepts of machine learning and education and learn how Machine Learning is employed nowadays to solve day-to-day problems, which are the most common in higher education. The problems include data manipulation, feature engineering, drop-out prediction and visualisation of student characteristics. Students will learn basics of Machine Learning using one of the most prominent Data Science languages R in the context of higher education data.

Language(s) of Instruction

English

Host Institution Course Number

3313016

Host Institution Course Title

MACHINE LEARNING FOR EDUCATION

Host Institution Campus

Humboldt University

Host Institution Faculty

Host Institution Degree

Host Institution Department

Institut für Informatik

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