COURSE DETAIL

MACHINE LEARNING FOR NATURAL LANGUAGE PROCESSING
Country Germany
Host Institution Humboldt University Berlin
Program(s) Humboldt University Berlin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Linguistics Computer Science
UCEAP Course Number 105
UCEAP Course Suffix
UCEAP Official Title MACHINE LEARNING FOR NATURAL LANGUAGE PROCESSING
UCEAP Transcript Title MACH LRNG LANG PROC
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

In this course, students apply their background in linguistics to the field of machine learning. The course provides an overview of the machine learning sub-field of natural language processing. Students delve into mathematical/computer science aspects of the topic and learn about different types of machine learning, neural networks, how to work with data, and specific implementations to the field of linguistics. Students may complete a final coding project that relates to the field of linguistics. The course also covers philosophical/ethical aspects of the field, and students discuss issues like ChatGPT and its implications on higher education, the job market, and more. Because this course is in the linguistics department, there will be a heavy emphasis on syntax/semantics, and students should have a strong linguistic knowledge.

Language(s) of Instruction
English

Host Institution Course Number
5250118

Host Institution Course Title
MACHINE LEARNING FOR NATURAL LANGUAGE PROCESSING

Host Institution Course Details
https://agnes.hu-berlin.de/lupo/rds?state=verpublish&status=init&vmfile=no&modu...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Studienabteilung (I), Studierendenservice (BUA)

Course Last Reviewed

2022-2023

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