COURSE DETAIL

APPLIED MACHINE LEARNING IN ENGINEERING
Country Germany
Host Institution Technical University Berlin
Program(s) Technical University Berlin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 110
UCEAP Course Suffix D
UCEAP Official Title APPLIED MACHINE LEARNING IN ENGINEERING
UCEAP Transcript Title APP MACHINE LEARN
UCEAP Quarter Units 5.50
UCEAP Semester Units

3.70

Course Description

All engineering disciplines today employ machine learning for monitoring systems and fault detection, for data-based decision support as well as for leveraging new potentials in the environment of big data. This module teaches the fundamentals of standard machine learning techniques as well as their implementation using standard libraries in the Python programming language based on real-world engineering examples. It focuses on the complete data science process from data exploration over modeling to inference and production.

Language(s) of Instruction
English

Host Institution Course Number
#51049 / #4

Host Institution Course Title
APPLIED MACHINE LEARNING IN ENGINEERING

Host Institution Course Details
https://moseskonto.tu-berlin.de/moses/modultransfersystem/bolognamodule/beschre...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Institut für Maschinenkonstruktion und Systemtechnik

Course Last Reviewed
2024-2025

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