

COURSE DETAIL

MACHINE LEARNING I

Country

Spain

Host Institution

Carlos III University of Madrid

Program(s)

Carlos III University of Madrid

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

113

UCEAP Course Suffix

A

UCEAP Official Title

MACHINE LEARNING I

UCEAP Transcript Title

MACHINE LEARNING I

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course offers a study of basic Machine Learning techniques, when to use Machine Learning on real problems, how to determine which technique is appropriate for each problem, and to apply the techniques in a practical way to real problems. Topics include: learning decision trees and rules; methodological aspects; learning regression trees and rules; ensembles of learning methods; frequent itemsets and association rules; reinforcement learning; relational learning.

Language(s) of Instruction

English

Host Institution Course Number

16492

Host Institution Course Title

MACHINE LEARNING I

Host Institution Campus

Leganés

Host Institution Faculty

Escuela Politécnica Superior

Host Institution Degree

Grado en Ciencia e Ingeniería de Datos

Host Institution Department

Departamento de Informática

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