

# COURSE DETAIL

## INTRODUCTION TO DATA SCIENCE

**Country**

Spain

**Host Institution**

Carlos III University of Madrid

**Program(s)**

Carlos III University of Madrid

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

36

**UCEAP Course Suffix****UCEAP Official Title**

INTRODUCTION TO DATA SCIENCE

**UCEAP Transcript Title**

INTRO DATA SCIENCE

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## Course Description

This course offers an introduction to data science. Topics include: introduction to R-Studio; case studies of exploratory data analysis and visualization techniques; precision, sensitivity, specificity, over-fitting; decision trees and random forests; clustering methods.

## Language(s) of Instruction

English

## Host Institution Course Number

16475

## Host Institution Course Title

INTRODUCTION TO DATA SCIENCE

## Host Institution Campus

Leganés

## Host Institution Faculty

Escuela Politécnica Superior

## Host Institution Degree

Ciencia e Ingeniería de Datos

## Host Institution Department

Estadística

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