

COURSE DETAIL

DATA ANALYSIS AND VISUALIZATION

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)

Statistics

UCEAP Course Number

121

UCEAP Course Suffix**UCEAP Official Title**

DATA ANALYSIS AND VISUALIZATION

UCEAP Transcript Title

DATA ANALYS&VISUAL

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course offers a study of the principles and techniques of statistical graphics and data visualization. It discusses how to select and create effective visual representations for univariate, bivariate, and multivariate data. Topics include: graphical perception; the grammar of statistical graphs; exploratory data analysis; advanced data exploration such as maps and network charts; practical applications in statistics.

Language(s) of Instruction

English

Host Institution Course Number

20352

Host Institution Course Title

VISUALIZACIÓN Y ANÁLISIS DE DATOS

Host Institution Course Details

<https://aplicaciones.uc3m.es/cpa/generaFicha?est=203&anio=2025&plan=560&asig=20...>

Host Institution Campus

GETAFE

Host Institution Faculty

Facultad de Ciencias Sociales y Jurídicas

Host Institution Degree

Grado en Análisis de Datos para la Empresa

Host Institution Department

Departamento de Estadística

Course Last Reviewed

2025-2026

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