COURSE DETAIL

DATA ANALYTICS: LEARNING FROM DATA

Country
Australia

Host Institution
University of Sydney

Program(s)
University of Sydney

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Statistics

UCEAP Course Number
114

UCEAP Course Suffix

UCEAP Official Title
DATA ANALYTICS: LEARNING FROM DATA

UCEAP Transcript Title
DATA ANALYTICS

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

This is an intermediate course in statistics and data sciences, teaching data analytic skills for a wide range of problems and data. In this course, students learn how to ingest, combine, and summarize data from a variety of models which are typically encountered in data science projects, and they reinforce their programming skills through experience with statistical programming language. Students are exposed to the concept of statistical machine learning and analyze various types of data in order to answer a scientific question. Students learn to embrace data analytic challenges stemming from everyday problems.

Language(s) of Instruction

English

Host Institution Course Number

DATA2002

Host Institution Course Title

DATA ANALYTICS: LEARNING FROM DATA

Host Institution Course Details

https://sydney.edu.au/courses/units-of-study/2018/data/data2002.html

Host Institution Campus

sydney

Host Institution Faculty

Host Institution Degree

Host Institution Department

Statistics & Data Science

Course Last Reviewed

2024-2025