COURSE DETAIL

PRACTICAL DATA SCIENCE

Country
New Zealand

Host Institution
University of Otago

Program(s)
University of Otago

UCEAP Course Level
Lower Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
20

UCEAP Course Suffix

UCEAP Official Title
PRACTICAL DATA SCIENCE

UCEAP Transcript Title
PRACTL DATA SCIENCE

UCEAP Quarter Units
7.00

UCEAP Semester Units
4.70

Course Description

This course provides a study of the techniques used to prepare, integrate, manage, and visualize complex data using modern software environments. It introduces the fundamental concepts of data science through practical use of the industry-standard software environment R. It covers how to program in R, how to effectively manage and manipulate data in R, and the "round trip" of data science (import, tidy, transform, visualize, model, and communicate).

Language(s) of Instruction
English

Host Institution Course Number
COMP120

Host Institution Course Title
PRACTICAL DATA SCIENCE

Host Institution Campus

Host Institution Faculty
Computer Science

Host Institution Degree

Host Institution Department
Computer Science

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