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 Course Details
https://www.otago.ac.nz/courses/papers/index.html?papercode=COMP120

Host Institution Campus

Host Institution Faculty
Computer Science

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed
2020-2021

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