COURSE DETAIL

STATISTICAL LEARNING
Country Australia
Host Institution University of Queensland
Program(s) University of Queensland
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Statistics
UCEAP Course Number 143
UCEAP Course Suffix
UCEAP Official Title STATISTICAL LEARNING
UCEAP Transcript Title STATISTICAL LEARN
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course examines key ideas behind algorithms from a statistical perspective, and provide an in-depth knowledge that will enable students to apply the methods with awareness of their strengths and limitations. The topics covered will include probabilistic and analytic foundations, multivariate statistical analysis and machine learning, with a particular focus on clustering, classification, model selection and high-dimensional statistical analysis.

Language(s) of Instruction
English

Host Institution Course Number
STAT3006

Host Institution Course Title
STATISTICAL LEARNING

Host Institution Course Details

Host Institution Campus
St. Lucia

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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