COMP 7023 PREDICTIVE ANALYTICS

Credit Points 10

Legacy Code 301495

Coordinator Rosalind Wang (https://directory.westernsydney.edu.au/search/name/Rosalind Wang/)

Description The information age has allowed business and science to take advantage of the vast amount of available data for predicting outcomes and estimating trends, to make informed decisions. Machine learning is the process of allowing a computer to learn from data, which at its heart is used in making these important decisions. This subject provides students with the knowledge and practice required to implement and effectively use these predictive models such as Neural Networks and Support Vector Machines, and provides opportunity for students to investigate state-of-the-art. Students will use the Python programming language throughout this subject.

School Computer, Data & Math Sciences

Discipline Computer Science

Student Contribution Band HECS Band 2 10cp

Check your fees via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Postgraduate Coursework Level 7 subject

Equivalent Subjects MATH 7011 Predictive Analytics

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/ Group Task
Quiz	3 x 1 hour	20	Y	Individual
Viva Voce	20 minutes	20	Y	Individual
Applied Project	2,000 words	10	N	Group
Applied Project	2,000 words report and a 15min presentation	50	N	Group

Teaching Periods

Spring (2024)

Parramatta - Victoria Rd
On-site
Subject Contact Rosalind Wang (https://directory.westernsydney.edu.au/search/name/Rosalind Wang/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP7023_24-SPR_PS_1#subjects)