

COMP 2025 INTRODUCTION TO DATA SCIENCE

Credit Points 10

Legacy Code 301486

Coordinator Liwan Liyanage ([https://directory.westernsydney.edu.au/search/name/Liwan Liyanage/](https://directory.westernsydney.edu.au/search/name/Liwan%20Liyanage/))

Description Analysis of data is essential for scientific investigation, modelling processes and predicting future events. Data Science is the investigation of the tools required that allow us to perform this modelling and prediction. The increase in accessible data over the past few decades has promoted the use of Data Science, making it a desired skill in many professions. In this subject we further investigate the methods of regression, clustering and classification that form the basis of a data scientist's toolbox.

School Computer, Data & Math Sciences

Discipline Computer Science, Not Elsewhere Classified.

Student Contribution Band HECS Band 2 10cp

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

Level Undergraduate Level 2 subject

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
Multiple Choice	10 min per quiz	20	N	Individual
Numerical Problem Solving	to consist of 10 or so pages of text, not including code and output	30	N	Individual
Interview	15 min per student	10	N	Individual
Numerical Problem Solving	to consist of 10 or so pages of text, not including code and output	40	N	Individual

Teaching Periods

Spring (2022)

Campbelltown

Day

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View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP2025_22-SPR_CA_D#subjects)

Parramatta - Victoria Rd

Day

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Vietnam Session 1 (2023)

Vietnam

On-site

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Sydney City Campus - Term 1 (2023)

Sydney City

On-site

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Spring (2023)

Campbelltown

On-site

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Vietnam Session 3 (2023)

Vietnam

On-site

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Sydney City Campus - Term 3 (2023)

Sydney City

On-site

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