

COMP 1014 THINKING ABOUT DATA

Credit Points 10

Legacy Code 301488

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

Description This subject covers basic concepts of data centric thinking. The main areas discussed are; Populations and Samples; Sampling concepts; Types of Data; Descriptive Methods; Estimation and Inference; Modelling. The subject takes a computational and nonparametric approach, before briefly discussing theoretical concepts and distribution theory.

School Computer, Data & Math Sciences

Discipline Computer Science

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 1 subject

Equivalent Subjects MATH 1033 Thinking About Data

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	5x 30 min	20	N	Individual
Final Exam	2 hour	40	Y	Individual
Report	3 weeks/ approx. 2000 words	40	N	Individual

Prescribed Texts

Lock, & Lock, Patti Frazer (2019). Statistics : unlocking the power of data (Second edition, EMEA edition).

Teaching Periods

Autumn (2022)

Parramatta - Victoria Rd

Day

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View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP1014_22-AUT_PS_D#subjects)

Spring (2022)

Parramatta - Victoria Rd

Day

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UEH-Session 3 (2022)

Vietnam

External

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View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP1014_22-UT3_UE_X#subjects)

Autumn (2023)

Parramatta - Victoria Rd

On-site

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View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=COMP1014_23-AUT_PS_1#subjects)

Vietnam Session 2 (2023)

Vietnam

On-site

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Spring (2023)

Parramatta - Victoria Rd

On-site

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