

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

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.

Item	Length	Percent	Threshold	Individual/ Group Task
Quiz	5x 30 min	20	N	Individual
Final Exam	Lab based 1 hour practical test	40	N	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

Parramatta - Victoria Rd

Day

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

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

Spring

Parramatta - Victoria Rd

Day

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

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