

# 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 fees via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/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	Mandatory
Quiz	5x 30 min	20	N	Individual	N
Report	3 weeks/ approx. 2000 words	40	N	Group	N
Final Exam	2 hour	40	Y	Individual	Y

**Prescribed Texts**

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

**Teaching Periods**

## Autumn (2025)

### Parramatta - Victoria Rd

**On-site**

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View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=COMP1014\\_25-AUT\\_PS\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=COMP1014_25-AUT_PS_1#subjects))

## Vietnam Session 2 (2025)

**Vietnam**

**On-site**

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

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## Sydney City Campus - Term 2 (2025)

**Sydney City**

**On-site**

**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/odd/timetable/?subject\\_code=COMP1014\\_25-SC2\\_SC\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=COMP1014_25-SC2_SC_1#subjects))

## Spring (2025)

**Parramatta - Victoria Rd**

**On-site**

**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/odd/timetable/?subject\\_code=COMP1014\\_25-SPR\\_PS\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=COMP1014_25-SPR_PS_1#subjects))

## Surabaya Semester 1 (2025)

**Surabaya**

**On-site**

**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/odd/timetable/?subject\\_code=COMP1014\\_25-IS1\\_SU\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=COMP1014_25-IS1_SU_1#subjects))

## Vietnam Session 3 (2025)

**Vietnam**

**On-site**

**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/odd/timetable/?subject\\_code=COMP1014\\_25-UT3\\_UE\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=COMP1014_25-UT3_UE_1#subjects))