

# MATH 1033 THINKING ABOUT DATA

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**Credit Points** 10

**Legacy Code** 301108

**Coordinator** Franco Ubaudi ([https://directory.westernsydney.edu.au/search/name/Franco Ubaudi/](https://directory.westernsydney.edu.au/search/name/Franco%20Ubaudi/))

**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** COMP 1014 Thinking About Data

**Assumed Knowledge**

2 Unit High School Mathematics.

## 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
Online Quizzes	5x 30 min	20	N	Individual
Computer Test	Lab based 1 hour practical test	40	N	Individual
Assignment	3 weeks/ approx. 2000 words	40	N	Individual