STAT8125

Statistics Project

Session 2, Online-scheduled-weekday 2022

School of Mathematical and Physical Sciences

Contents

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General Information

Unit convenor and teaching staff
Unit Convenor and lecturer
Tania Prvan
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Contact via tania.prvan@mq.edu.au
12 Wally's Walk Room 629
Please refer to iLearn

Credit points
10

Prerequisites
Admission to MAppStat and (40cp in BCA or STAT units at 8000 level)

Corequisites
(STAT806 or STAT810 or STAT8310 or STAT6110) and (STAT811 or STAT8111) and (STAT821 or STAT8121) and (STAT878 or STAT8178)

Co-badged status

Unit description
This unit comprises a project which either reviews or develops an area of methodology or which discusses the use of statistical methods in a particular subject area.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at https://www.mq.edu.au/study/calendar-of-dates

Learning Outcomes

On successful completion of this unit, you will be able to:

ULO1: apply appropriate statistical models/methods in planning and carrying out a significant statistical analysis project.

ULO2: demonstrate a deep understanding of statistical theory and methods.

ULO3: use modern statistical software packages in data analysis.

ULO4: communicate methods used and results obtained in a clear and concise manner suitable for a non-statistical audience.

ULO5: demonstrate the ability to undertake a statistics project independently.

General Assessment Information

Late Assessment Submission Penalty

From 1 July 2022, Students enrolled in Session based units with written assessments will have the following university standard late penalty applied. Please see https://students.mq.edu.au/study/assessment-exams/assessments for more information.

Unless a Special Consideration request has been submitted and approved, a 5% penalty (of the total possible mark) will be applied each day a written assessment is not submitted, up until the 7th day (including weekends). After the 7th day, a grade of '0' will be awarded even if the assessment is submitted. Submission time for all written assessments is set at **11:55 pm**. A 1-hour grace period is provided to students who experience a technical concern.

For any late submission of time-sensitive tasks, such as scheduled tests/exams, performance assessments/presentations, and/or scheduled practical assessments/labs, students need to submit an application for Special Consideration.

Assessments where Late Submissions will be accepted

In this unit, late submissions will accepted as follows:

- Project Report – YES, Standard Late Penalty applies

Assessment Tasks

Name	Weighting	Hurdle	Due
Project Report	100%	No	Week 13

Project Report

Assessment Type [1]: Project
Indicative Time on Task [2]: 98 hours
Due: **Week 13**
Weighting: **100%**

Perform an analysis of a data set/simulation study and write a substantial report. Where appropriate a literature review should also be included.

On successful completion you will be able to:
- apply appropriate statistical models/methods in planning and carrying out a significant statistical analysis project.
- demonstrate a deep understanding of statistical theory and methods.

- use modern statistical software packages in data analysis.

- communicate methods used and results obtained in a clear and concise manner suitable for a non-statistical audience.

- demonstrate the ability to undertake a statistics project independently.

[1] If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment

- the Writing Centre for academic skills support.

[2] Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

In Week 1 a data set will be provided by the Unit Convenor.

Every student enrolled in this offering of the unit should attend one online SGTA. Please see the timetable for details. Attendance will be recorded.

There is no group work in this unit.

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (https://policies.mq.edu.au). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- Academic Appeals Policy
- Academic Integrity Policy
- Academic Progression Policy
- Assessment Policy
- Fitness to Practice Procedure
- Assessment Procedure
- Complaints Resolution Procedure for Students and Members of the Public
- Special Consideration Policy

Students seeking more policy resources can visit Student Policies (https://students.mq.edu.au/support/study/policies). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit Policy Central (https://policies.mq.edu.au) and use the search tool.

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: https://students.mq.edu.au/admin/other-resources/student-conduct

Results

Results published on platform other than eStudent, (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in eStudent. For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Academic Integrity

At Macquarie, we believe academic integrity – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free online writing and maths support, academic skills development and wellbeing consultations.

Student Support

Macquarie University provides a range of support services for students. For details, visit http://students.mq.edu.au/support/

The Writing Centre

The Writing Centre provides resources to develop your English language proficiency, academic writing, and communication skills.

- Workshops
- Chat with a WriteWISE peer writing leader
- Access StudyWISE
- Upload an assignment to Studiosity
- Complete the Academic Integrity Module

The Library provides online and face to face support to help you find and use relevant information resources.

- Subject and Research Guides
- Ask a Librarian

Student Services and Support

Macquarie University offers a range of Student Support Services including:

- IT Support
- Accessibility and disability support with study

- Mental health support

- Safety support to respond to bullying, harassment, sexual harassment and sexual
  assault

- Social support including information about finances, tenancy and legal issues

Student Enquiries

Got a question? Ask us via AskMQ, or contact Service Connect.

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/
offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the Acceptable Use of IT Resources Policy.
The policy applies to all who connect to the MQ network including students.