浙江大学爱丁堡大学联合学院

ZJU-UoE Institute

ADS2 Lecture 14 Preparing for the open-book coding challenge

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Semester 1, Week 14

2023-24

What I will be doing on 10 January 2024

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What you will be doing on 10 January 2024

What you will be doing on 10 January 2024

Learning Objectives

This lecture is about . . .

How to prepare for the open-book coding challenge

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How to prepare for the open-book coding challenge

After this week you will have done the following:

- Improve study skills
- Practice open-book assessments

Outline

1. What is the coding challenge?

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- 3 problems (not just coding!); 25 % each
- document everything in R Markdown 25 %
- 3 hours in total
- open-book

Why are we doing this?

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Assessments are most effective if they are similar to what you would be doing “in real life”!

How to prepare for an open-book assignment?

You can look up anything, but you cannot look up everything!

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What can you do to be well prepared?

How to prepare for an open-book assignment?

You can look up anything, but you cannot look up everything!

What can you do to be well prepared?

- Have your code and lecture materials/notes where you can find them (think about directory structure; index; “readme” files)
- Label code that did and didn’t work
- Specific file for frequently-used snippets?
- Bookmark useful online sources (remember to cite when using in assessment)
- Make a hand-written “cheat-sheet”, e.g. of frequently-used commands, statistical tests and their assumptions, . . .
- Make sure you are familiar with the assessment instructions (check Blackboard Learn)
- ...

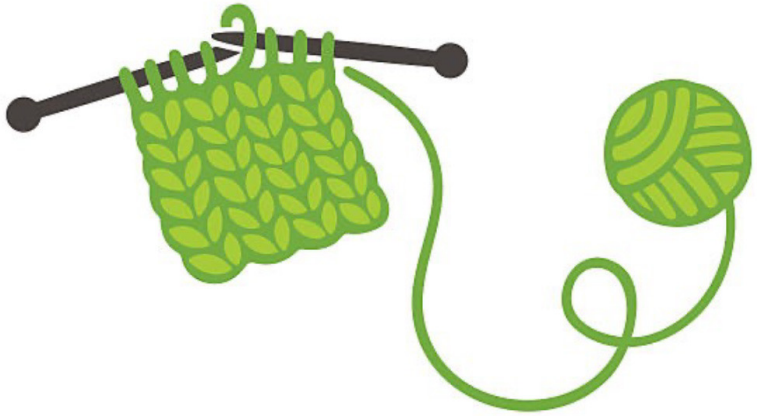
Learn to knit!

You have to knit your R markdown document to make a PDF

Make sure you have R Studio set up so you can knit easily

Check you can still knit as your add to your answers

You get marks for this!



Review

After this week you will have done the following:

- Improve study skills ✓
- Practice open-book assessments

Review

After this week you will have done the following:

- Improve study skills ✓
- Practice open-book assessments → Thursday

For the rest of today's lecture

Start preparing! What is the highest-priority task before Thursday's mock assessment?

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- Label code that did and didn't work
- Specific file for frequently-used snippets?
- Bookmark useful online sources (remember to cite when using in assessment)
- Make a hand-written "cheat-sheet", e.g. of frequently-used commands, statistical tests and their assumptions, . . .
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Acknowledgements and Image credits

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