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Tutorial 4

Data Types and Structures in Python and R

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**Data-Driven
Innovation**

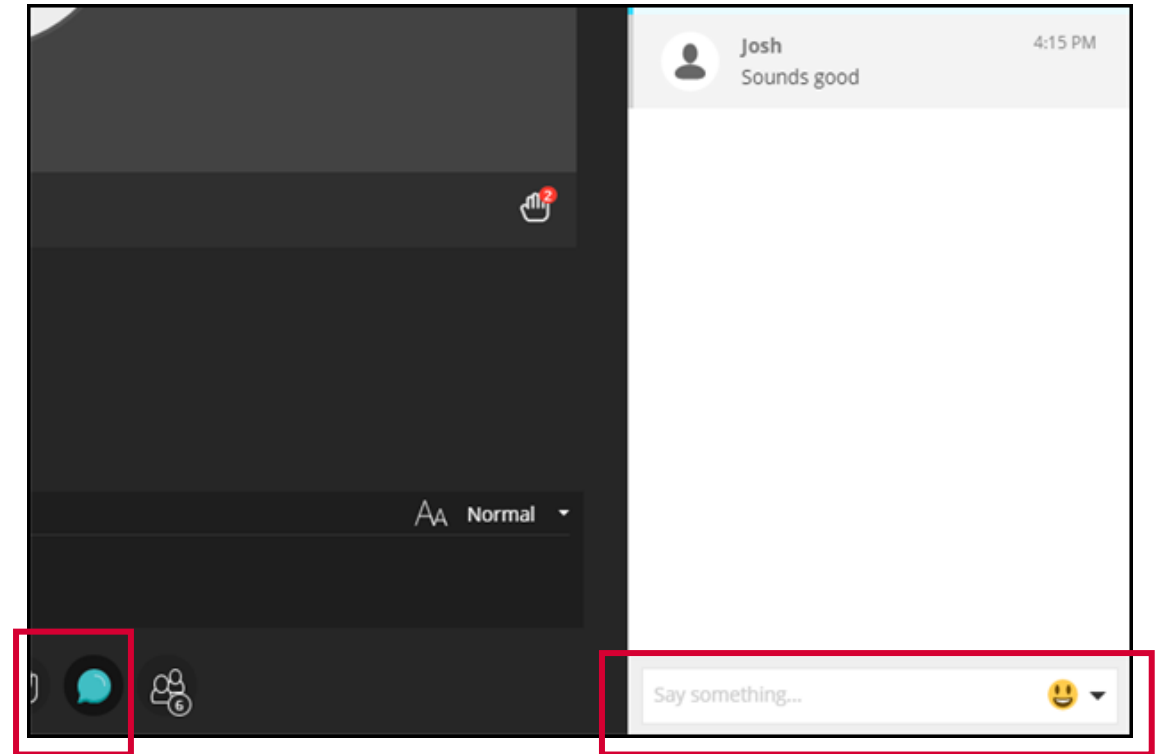
Audio check

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- Try signing out and signing back into the session
- Type into the chat box and a moderator will try to assist you



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Agenda

- Do not forget 3 stars, a wish, and a step mini-diaries ☆☆☆?👉
- Assessment released– due 20 May 2024 12 noon BST
 - Q&A during Week 5 tutorial as well
- Error of the week
- Working with data structures notebooks
- Any questions

Course Assessment




Assessment

This area includes information about the assessments for this course and submission dropboxes. (Click to expand)


Not started

☐


 Assessment Overview and Feedback Information

Assessment details, important dates, where to find feedback, and other assessment information.


☐

 Reflective writing guidance

☐


 Assessment Criteria and Submission Details

☐

 Assignment Submission Portals

Submission portals (Turnitin) for the following assignment elements • Python Code PDF • Python Code IPYNB notebook • R Code and Report PDF • R Code and Report RMD Submission Due Monday the 20th of May, 12:00pm (BST) / Noon. Make sure you have put your exam number in the author line and file name of all submissions.

☐

 Questions about Assessment

- Assessment folder now on course GitHub repository
- Due 20 May by 12 noon BST
- Submit via **Turnitin Portals**
- Submit 4 files
 1. .ipynb file with your Python code solutions
 2. PDF of your Python code solutions
 3. .RMD file with your R code solutions and report
 4. Knitted PDF of your R code solutions and report

Submission requirements

- 1st step: rename the files and author lines with your exam number

Your exam number is listed at **MyEd > Accounts > Progression > My Student Record**.

- ! Points will be deducted on submissions that in do not include exam numbers and/or include names or student numbers

The screenshot displays the 'My Student Record' page in the MyEd system. It features two main sections: 'Current Addresses' and 'Future addresses'. The 'Current Addresses' section includes a 'Home' tab with a list of addresses and an 'Add new Address' button. The 'Future addresses' section includes a 'Semester' tab with a note about university accommodation and an 'Add new Address' button. To the right, there is an 'Emergency Contacts' section with a 'First' tab and an 'Add' button. At the bottom, a message states: 'If you need to update any information below that cannot be edited from this screen please refer to the [Change Student Records](#) webpage.' Below this message, there is a table with fields for 'Full Name', 'Known as', 'Date of Birth', 'Exam Number', 'Country of Birth', and 'Nationality'. The 'Exam Number' field is highlighted with a red circle.

Error of the week

Presented this week by Tobi

Working with data structures notebooks

- 2 files for this tutorial
 1. Tutorial 4 Python.ipynb
 2. Tutorial 4 R.RMD
- Solutions notebooks released after the Thursday evening tutorial
 - Really do try the exercises without looking at the solutions – trial and error is the best way to learn!