

# Introduction to data science in health and social care

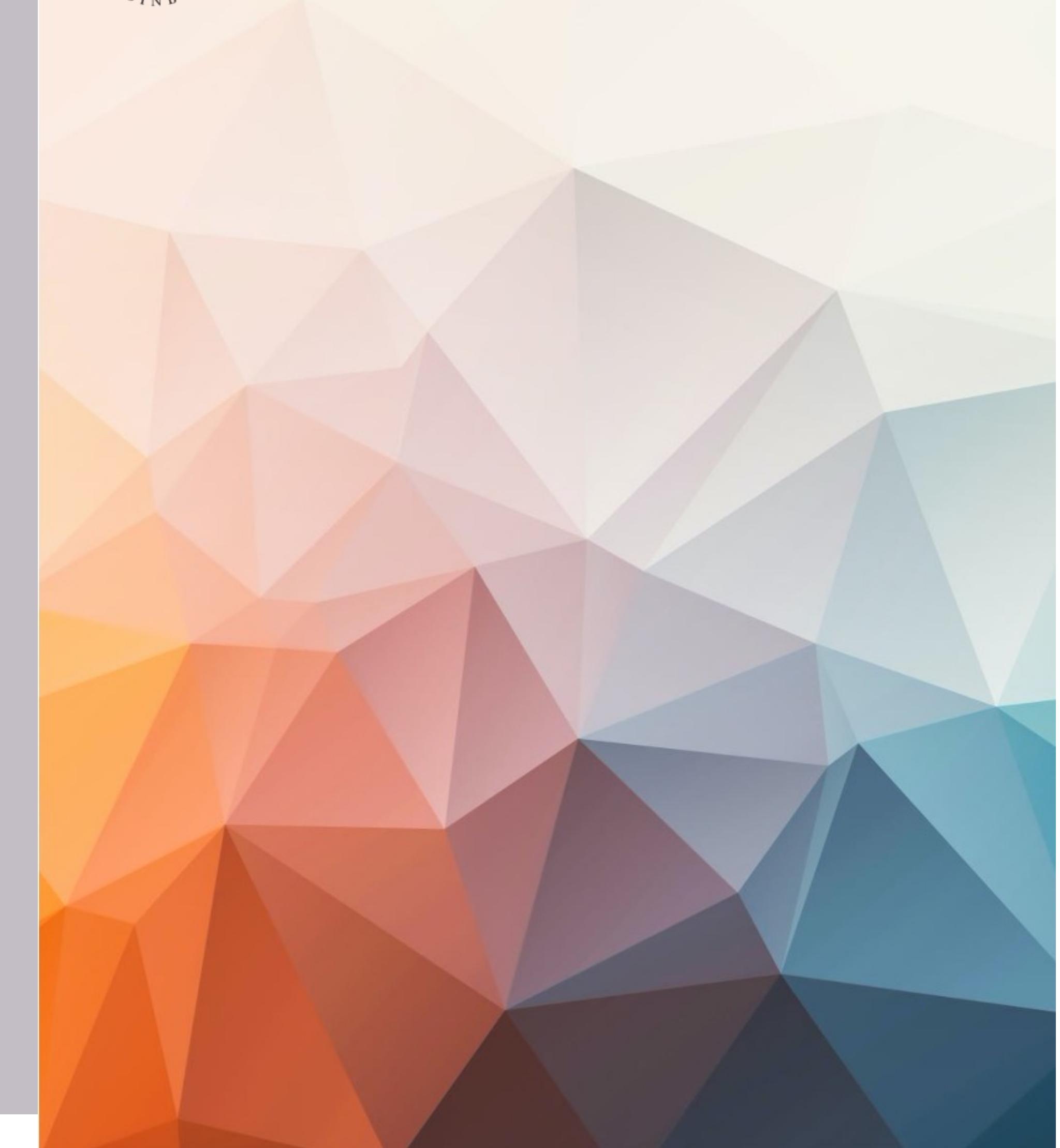
Week 8

**Brittany Blankinship | 16 November 2022**



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# Audio check

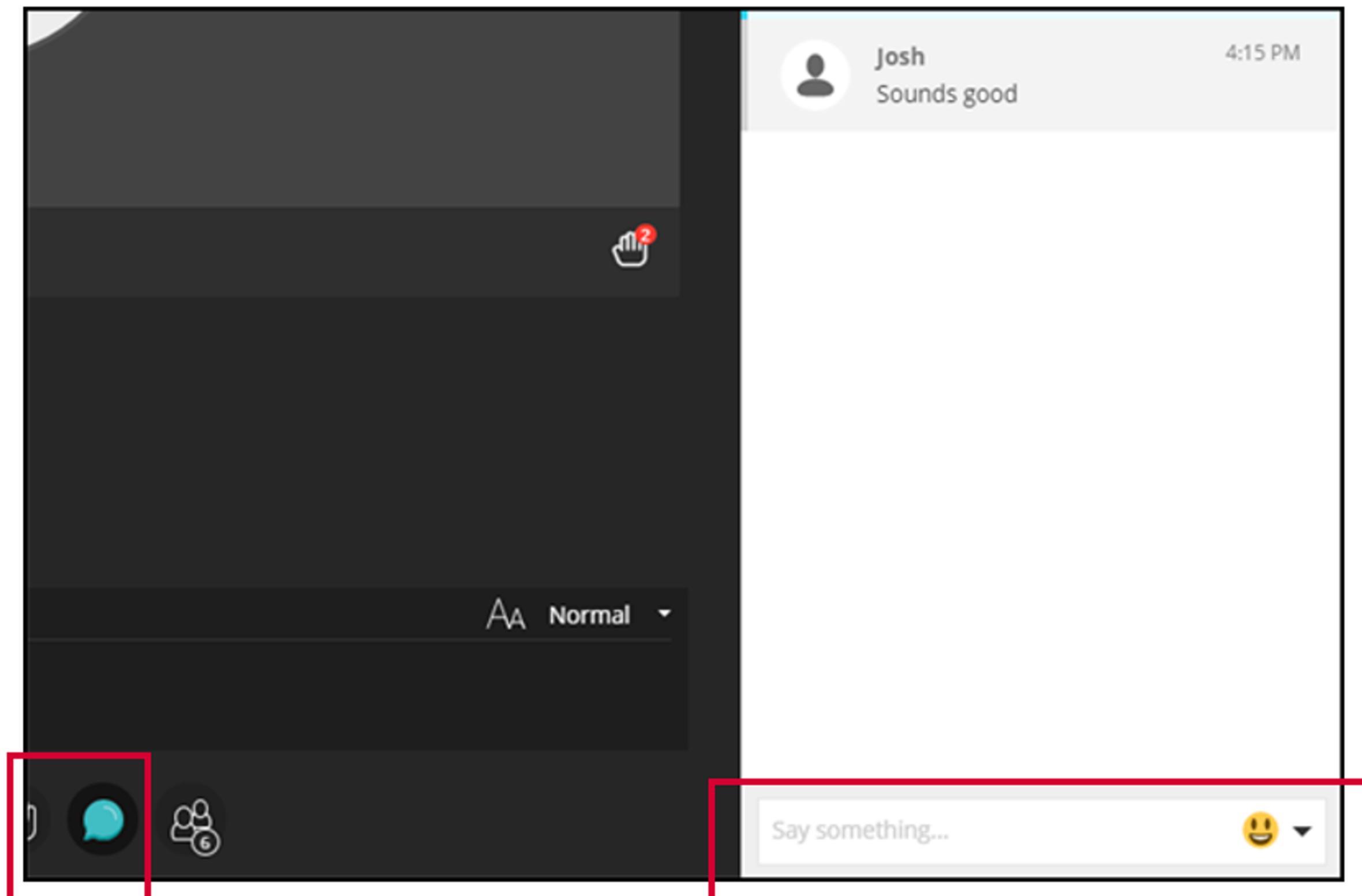
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Can you hear the presenter talking?

Please type **yes** or **no** in the “Text chat area”

If you can't hear:

- Check your Audio/Visual settings in the Collaborate Panel
- 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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# Introduction to data science in health and social care

Week 8

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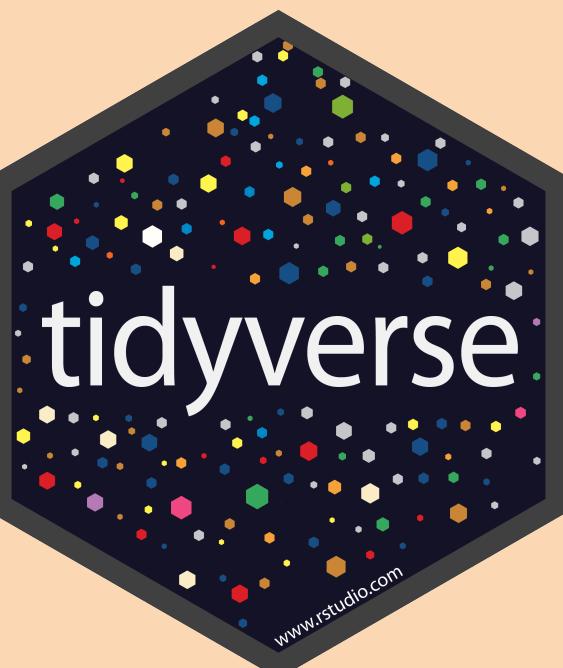


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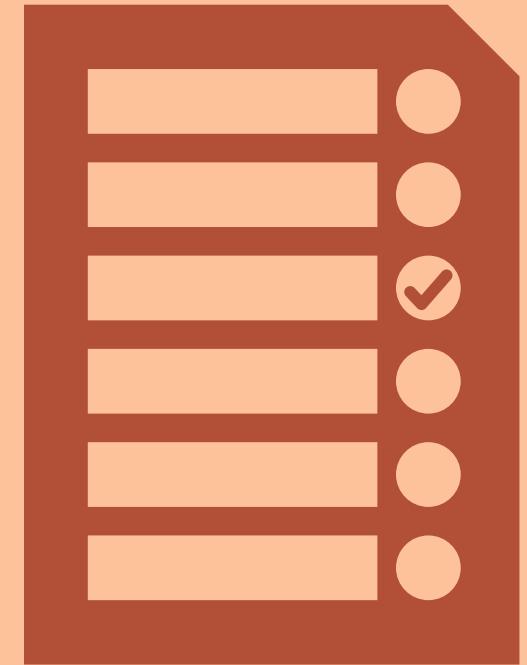
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# Agenda



- Course/assessment updates
- Tidy Tuesday challenge paired programming
- Questions



# Week 10 guest lecture

Date change: **29 December 2022 10am UK time**

- will be recorded
- announcement this week with further details

**Gillian Fyfe: Technology Enabled Care**

# Datathon Project

## Remaining aspects

1. Group presentation (30%)

2. Individual project report  
(50%)

SOCIAL CARE (2022-2023)  
[FLEX]

Welcome  
Course Information  
Announcements  
Discussions  
Live Collaborate Sessions  
Noteable  
Assessment  
Library and Resources

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Course Materials  
Week 1: Health and Social Care Delivery and Organisation  
Week 2 - Data Science  
Week 3 - Data Ownership and Management  
Week 4 - Data Quality and Standards

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Course Contacts  
Have Your Say  
Help and Support

**Assessment**  
**Assessment summary:**

- Graded Discussion Boards - (20%)
- Group Presentation - (30%)
- Project Report (1,800 words) - (50%)

**Assessment:**

Outwith the datathon project, you will also be assessed 20% of the overall course grade (10% each). The datathon project will include a group presentation which will count towards your overall course grade. At the end of the course you will write a final report which will count towards your overall course grade. You will report on why you chose to work with your group members.

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**Graded Discussion Post 1**

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**Datathon-data storytelling**

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Source: [Brent Dykes \(2016\)](#)



# Group presentation

**Slides due: 30 November 2022**

**Presentation: 2 December 2022**

- 10 minute presentation with 10 slides (not including title slide)
  - with 3-5 minutes of questions
  - 2 key data visualisations
  - present key findings & clear recommendation of action as a result

Peer evaluation (10% of presentation mark) & assessors from the course team (90% of presentation mark)

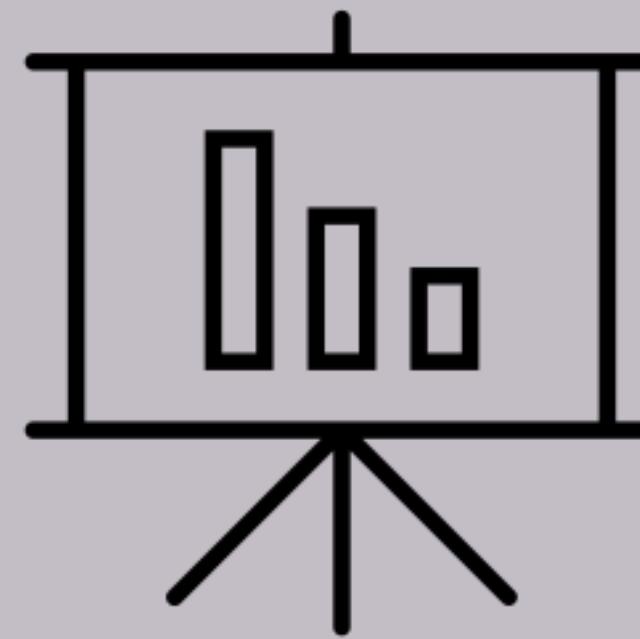
Evaluated based on 5 aspects

1. narrative & effective storytelling
2. data visualisation
3. time management
4. professionalism & slides
5. teamwork & participation



# Group Presentation Time Slots

- Presentations will be **Friday, 2 December**
- 2 time slots (as with tutorials)
  - 10am
  - 6pm
- **Project Manager** for each team please fill out this form ASAP:  
<https://forms.office.com/r/N6whssSrMC>



# Individual report

**Due: 6 December 2022 12 noon UK time**

- 1,800 word R Markdown report
- demonstrate a clear understanding of your group's data story at the end of the course
- evaluated based on 5 aspects:
  1. narrative/data storytelling
  2. critical thinking/analysis
  3. data visualisation
  4. data wrangling and coding
  5. reflective practice

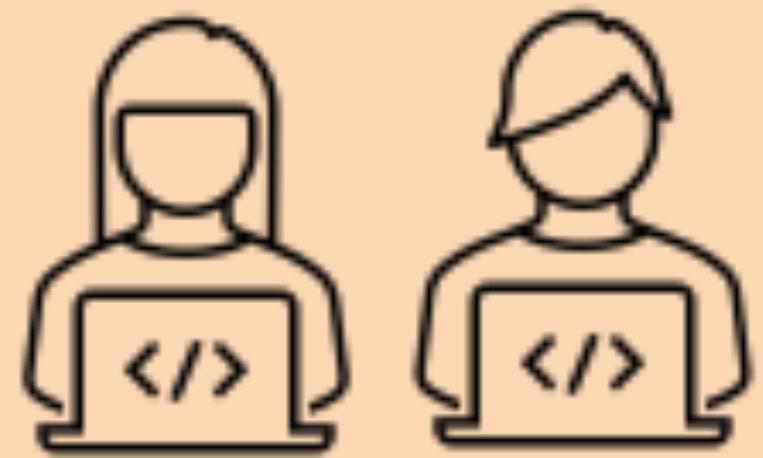


# Individual report

Due: 6 December 2022 12 noon UK time

- Code will be the same as your group
  - be sure to show code chunks with global chunk option echo = TRUE
  - code does not count towards 1,800 word limit
- Report itself *must* be written independently
- PDF or Word Document file types





# Paired programming\*



\* modified PP where Brittany is the driver and you all are the navigators

# Questions?