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# Tutorial 3

Data Types and Structures in Python and R

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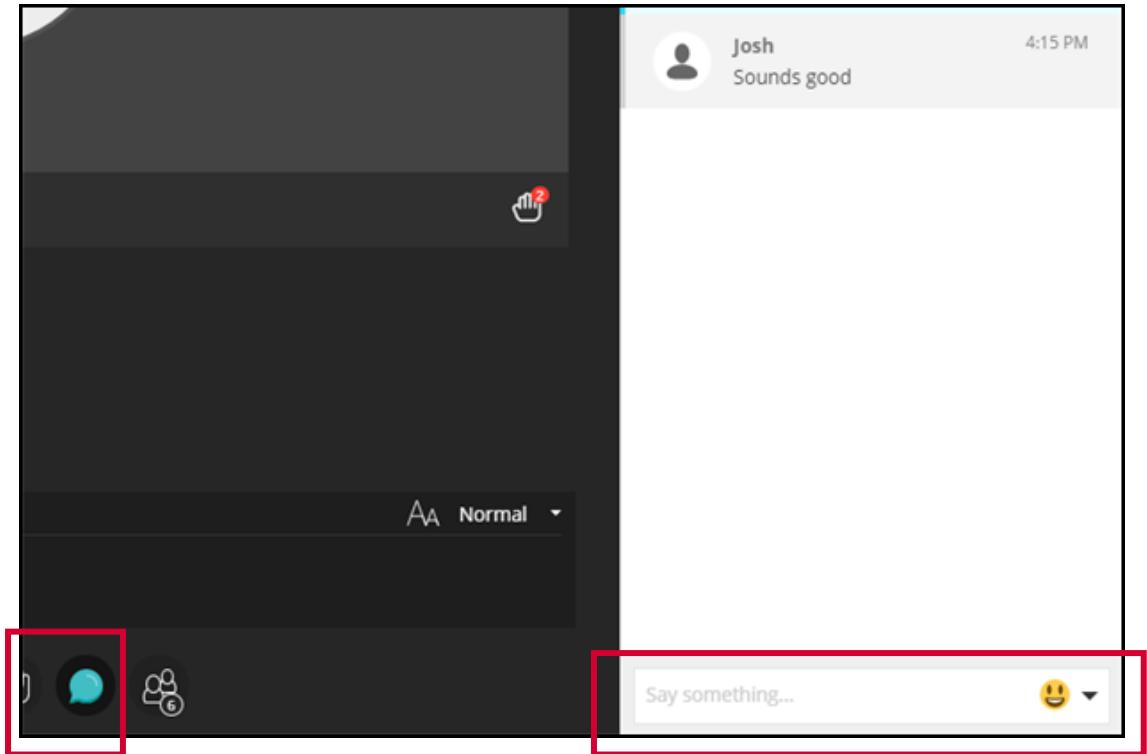
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How are you feeling today on this range of expressive animals?



# Agenda

- Do not forget 3 stars, a wish, and a step mini-diaries ★ ★ ★ 🚶
- !? Error of the week
- 💬 Working with data types notebooks
- ? Any questions



# !? Error of the week !?

Wee typo Week03-datatypes-notebook.R.RMD on line 191, it should say

```
# we can tell ct is now a character because it is printed in ""
```



# Working with data types notebooks

- 4 files for this tutorial
  1. Tutorial03-Python.ipynb
  2. Tutorial03-R.RMD
  3. common\_words.csv
  4. gss\_cat.csv
- Solutions notebooks released after the Friday afternoon tutorial
  - Really do try the exercises without looking at the solutions – trial and error is the best way to learn!



# Working with data types notebooks

- Pick a topic and complete the section in 1 language then go to the same section in the other language
  - 1. String data
  - 2. Categorical data (and Boolean and Numeric and Missing)
    - includes some advanced bonus tasks
  - 3. Date and time data (and string)
- To gain a deeper understanding of how Python and R work with these data types, I would suggest working through a section at a time in each language rather than the whole notebook

