DATA1901 LAB01 TOPIG ONE



- » What are you studying?
- » What languages do you speak? (verbal and coding)
- » When you first started coding in R, how did you find it?

ABOUT TO

- » What is your major / degree?
- » What languages do you speak? (verbal and coding)
- » What are you most excited for in university?
- >> http://tiny.cc/vlpouz
- » Swap contact details / start a group chat

TOPICS



Topic 1

Design of Experiments Topic 2

Data and Graphical Summaries

Topic 3

Numerical Summaries





Topic 4

Normal Model

Topic 5

Linear Model





Topic 6

Understanding Chance

Topic 7

Chance Variability (The Box Model)



Topic 8

Sample Surveys





Topic 9

Hypothesis Testing

Topic 10

Tests for Mean

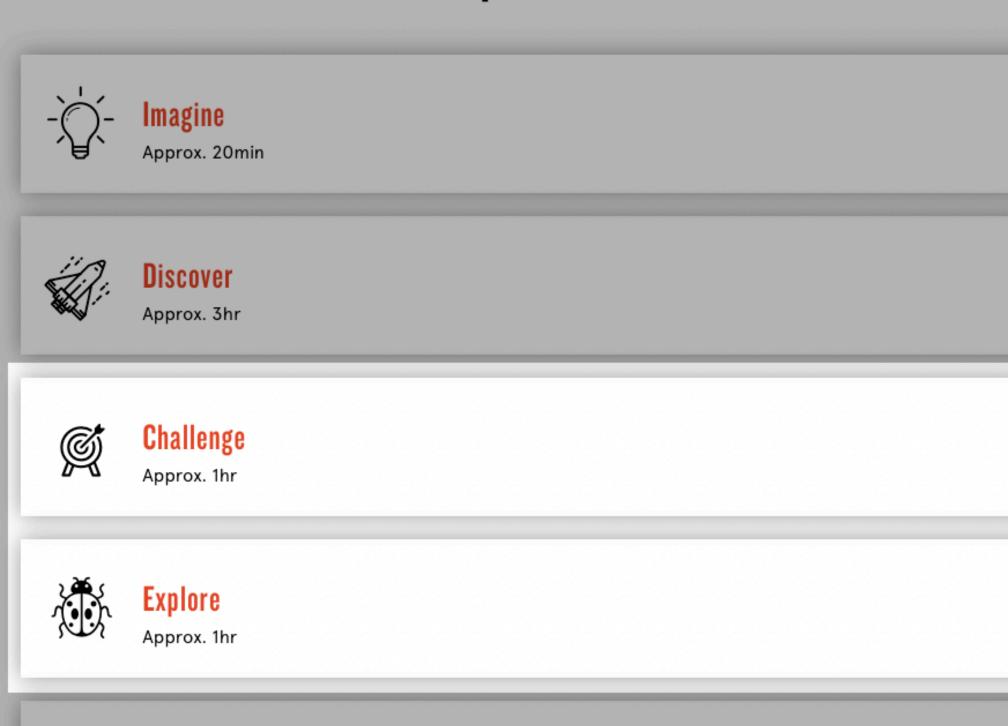
Topic 11

Tests for Relationship





Topic Overview





Evaluate

Approx. 2hr



- » Ethics and Privacy
- » Statistical thinking
- » Randomised Controlled Trial (RCT) vs Observational Study
- » Domain knowledge
- » Confounders
- » Precautions with observational studies

GROUP WORK





- » Add your group members on socials / email
- » Work through the extra practice in challenge
- » Complete the <u>evaluate quiz</u>
- » Go to the <u>evaluate lecture</u> on Friday