

# DATA1901 LAB01

# TOPIC TWO

# WELCOME BACK

It's important to develop a professional approach to your study aligned with your personal values. It's helpful to join LinkedIn and to start writing your CV.

- » Did you / do you have any ideas of where you want to be after uni?
- » We all need to juggle work, study and 'play'. How do you balance uni with everything else in life?



## Exploring Data

Topic 1

Design of  
Experiments



Topic 2

Data and  
Graphical  
Summaries



Topic 3

Numerical  
Summaries



## Modelling Data

Topic 4

Normal Model



Topic 5

Linear Model



## Sampling Data

Topic 6

Understanding  
Chance



Topic 7

Chance  
Variability (The  
Box Model)



Topic 8

Sample Surveys



# PROJECTS

Assignment	<b>Project 1</b> A data project based on given data.	0%	Week 04 <b>Due date:</b> 18 Mar 2022	Self-directed learning till Week 4.
	Outcomes assessed: <a href="#">LO1</a> <a href="#">LO2</a> <a href="#">LO3</a> <a href="#">LO9</a>			
Assignment 🧑🏫	<b>Project 2</b> A data project based on research data.	15%	Week 08 <b>Due date:</b> 14 Apr 2022	Self-directed learning till Week 8.
	Outcomes assessed: <a href="#">LO1</a> <a href="#">LO2</a> <a href="#">LO3</a> <a href="#">LO4</a> <a href="#">LO5</a> <a href="#">LO9</a> <a href="#">LO10</a>			



The background is a vibrant blue with a complex pattern of yellow and white bokeh lights, some appearing as sharp stars and others as soft, out-of-focus circles. Overlaid on this are faint, golden-yellow digital or circuit-like patterns, including lines, squares, and rectangular blocks, reminiscent of a circuit board or data flow diagram. The overall effect is one of high-tech energy and digital connectivity.

# CHALLENGE

**GROUP WORK**

**TAKE**

**BREAK**





**EXPLORE**



**R D E M O**

**YOUR TURN**

# REMINDERS

- » Look at Project One
- » Masterclass next week
- » Complete the evaluate quiz (optional)
- » Go to the evaluate lecture on Friday