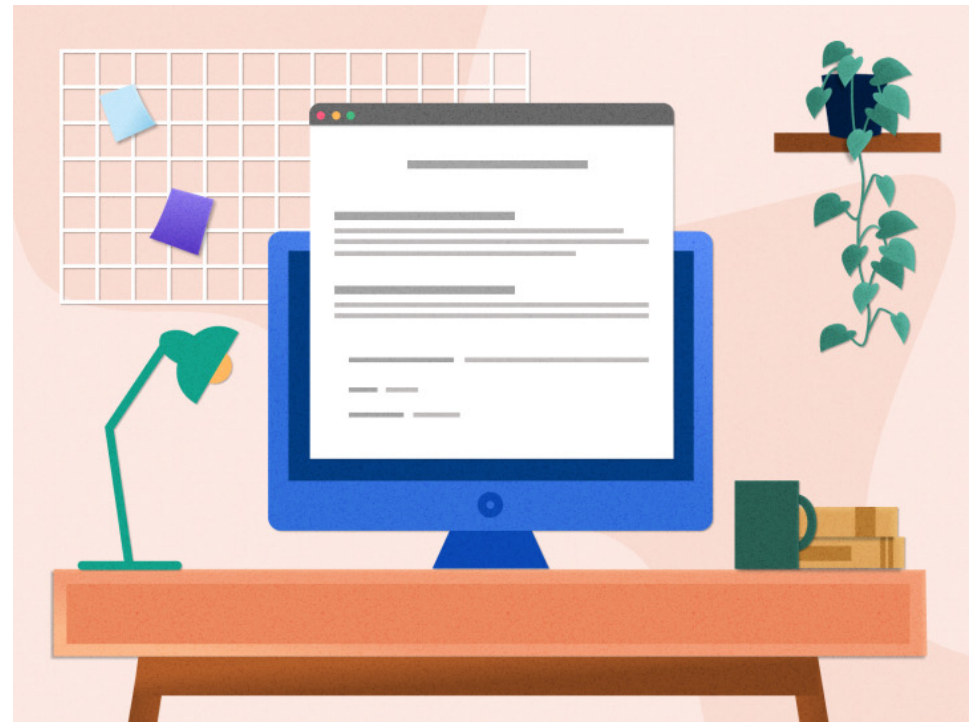


Coding / Experimentation



Document your Work



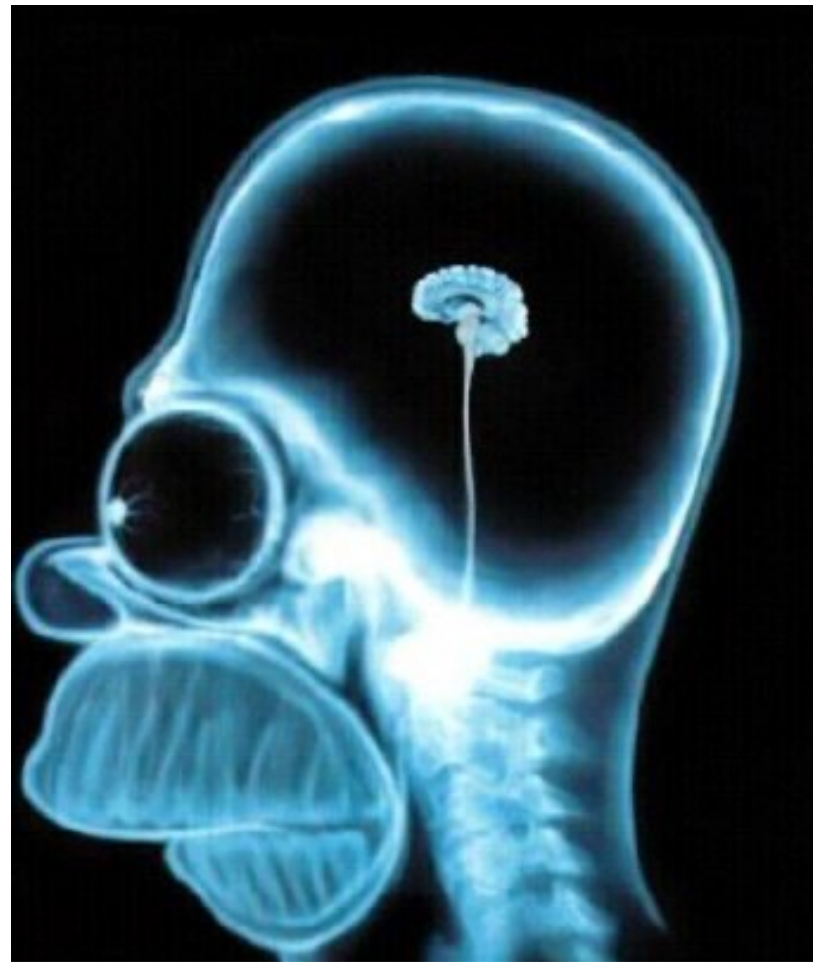
Bring it all together

Data Insights

Explain & Discuss

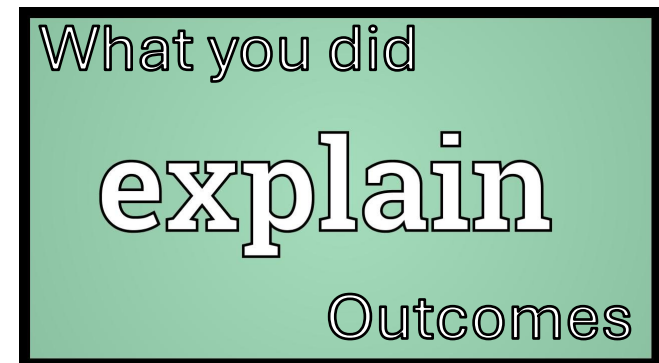


It's not all about Coding / Experimentation



You need to think about what you are doing and Seeing







There is NO Secret Ingredient - It's about what you can do and explain



Two people can do things slightly different  
and come up with Different/Similar results.

Both approaches could give a correct outcome.

No "one way" to do it.

What is the "You" in this work.



# Explanations



- Remember, I've given most of the code
- What is the You in this work
- Explanations would help to explain your work
  - what you did
  - why you did it
  - what the outcomes were
  - how those these feed into the next steps
  - lessons learned
  - how would you explain it to your manager
- See Examples at the bottom of module Webpages
  - These are blog posts
  - But it is the same idea and examples of what you can do
  - All in a Jupyter Notebook

# Explanations



- Remember, I've given most of the code

Q: How much detail should we include in the assignment for each topic?

A: It's important to remember when completing this assignment you explain your work, why you are doing a task, what the outcomes are, what they mean, how it feeds into the next step/cell etc. Document all of this as code comments and Markdown. This helps the reader to see and understand what you are doing and (most importantly) why you are doing it, and (even more importantly) you can explain the outcomes and what they mean. This will be useful for potential employers who might ask to see examples of your work. The more detail you include beyond the copy & paste of the code examples I've given, the better it will be for you and the more marks I can award. Copy&Paste of what I've given will not gain many marks.

- how those these feed into the next steps
  - lessons learned
  - how would you explain it to your manager
- See Examples at the bottom of module Webpage
    - These are blog posts
    - But it is the same idea and example of what you can do
    - All in a Jupyter Notebook



# Marks

- Internal QA process
- **External Examiner** (all marks are provisional and subject to change)
  - From another University in Ireland/UK/Europe
  - Review & Approves the Assessments/Exams
  - Review all the submitted Assessments
  - Assesses if marked fairly, adjusts if necessary
    - Increasing Marks – Rarely happens
    - Reduces Marks – More commonly happens
  - Following international best practices
  - Comparable to results from other Universities.
- I'm an External Examiner at 2 other Universities
  - Ireland and UK
  - Previously in others

## Grade Ranges

70%-100% - First (Excellent)

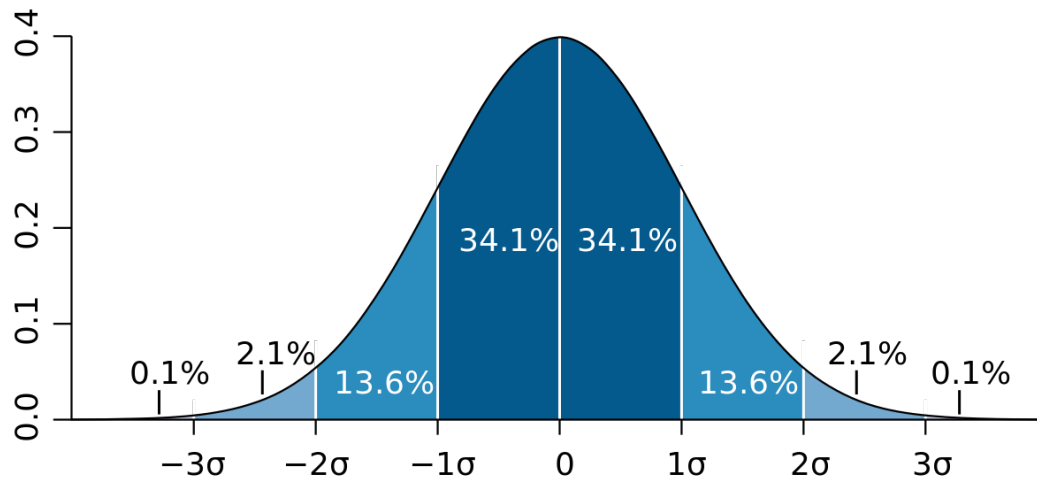
small number will get this

60%-69% - 2.1 (Very Good) more

50%-59% - 2.2 (Good) about the same

40%-49% - Pass a few

<= 39% - Did not pass some



### Grade Ranges

70%-100% - First (Excellent) *small number*

60%-69% - 2.1 (Very Good) *more*

50%-59% - 2.2 (Good) *about the same*

40%-49% - Pass *a few*

$\leq 39\%$  - Did not pass *some*

### Marking Range

Expectation

80% - 100%

Reality

0% - 100%



