

Using AI to analyse your data

HADC! (HARPER ADAMS DATA CLUB)

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Problem



You want to analyse data
and communicate it

— Problem



Software



Data



You want to analyse data
and communicate it

$$y = mx + b$$

Stats knowledge



What you want to learn

Problem



Software



Data

Terror zone

You want to analyse data
and communicate it

Comfort zone



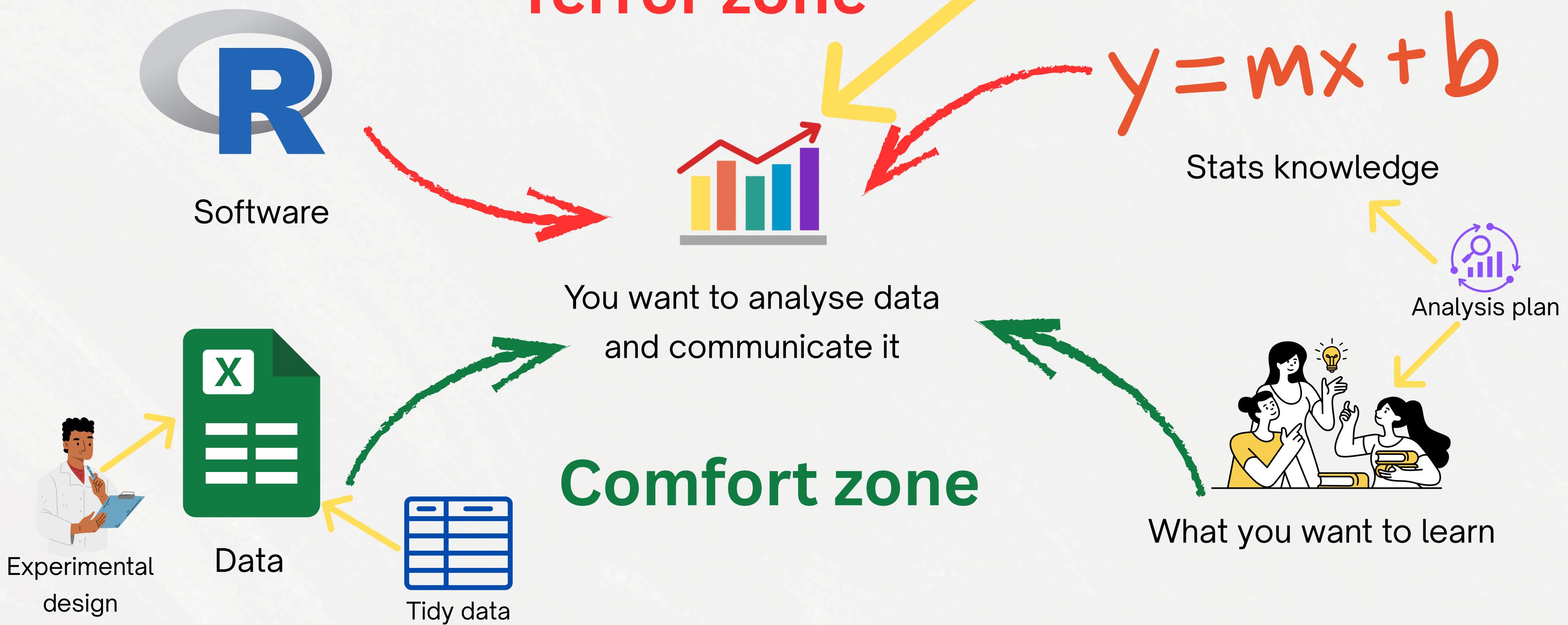
$$y = mx + b$$

Stats knowledge



What you want to learn

— Problem

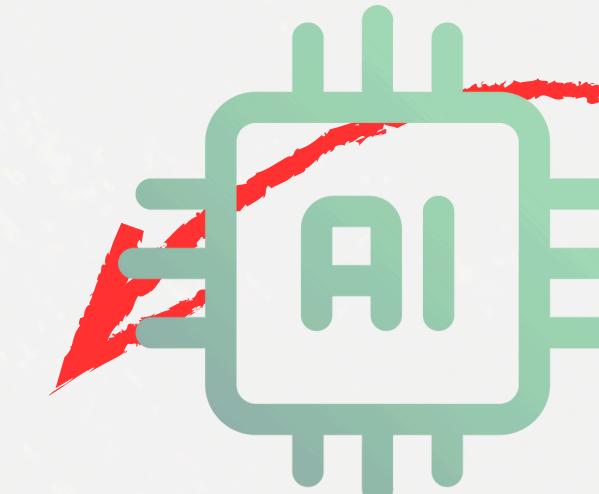
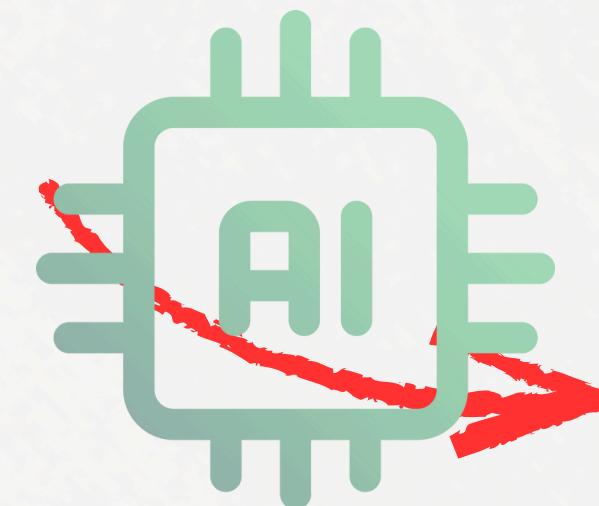


Solution

New comfort zone?



Software



$$y = mx + b$$

Stats knowledge



Data

You want to analyse data
and communicate it

Comfort zone



What you want to learn

Solution

How?

AI bros...

Lots of options...

What is best practice?

Solution

Ed versus AI



Demo 1

Ed's analysis

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Demo 2

AI “informed” analysis

Demo 3

AI naive analysis

Discussion

AI Platforms, options



ChatGPT



Copilot



Gemini



GitHub
Copilot



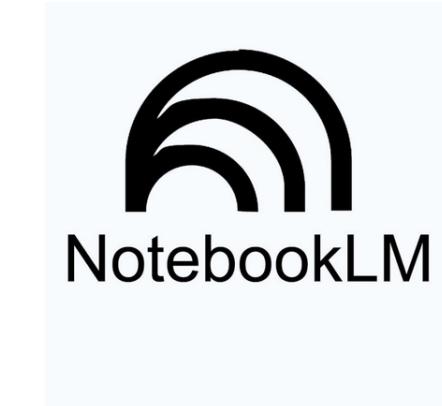
Sonnet 4.5



Positron



CURSOR



NotebookLM



R Studio®

Discussion

Prompting and context

(Are these real skills?)

