

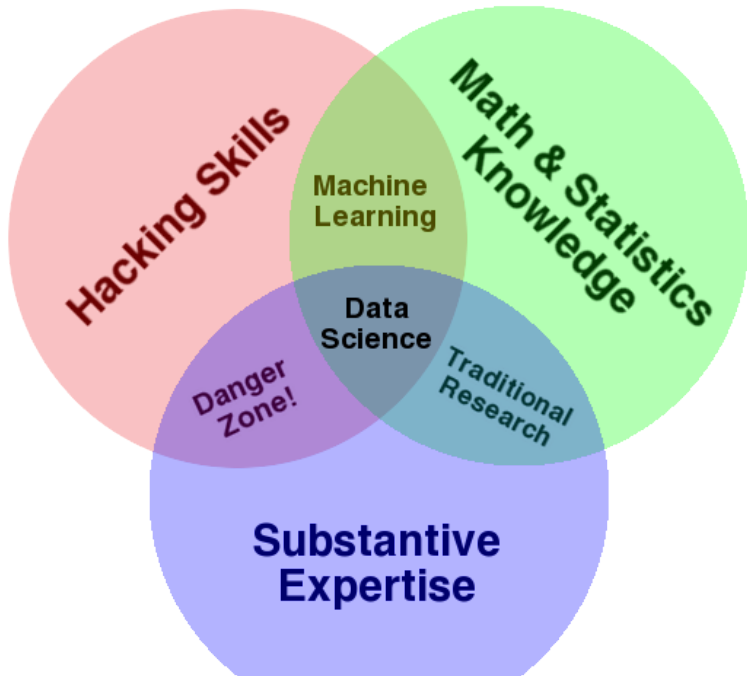
# class wrap up

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substantive exp! the only way to beat CS/math



## get into flow with Python!

https:

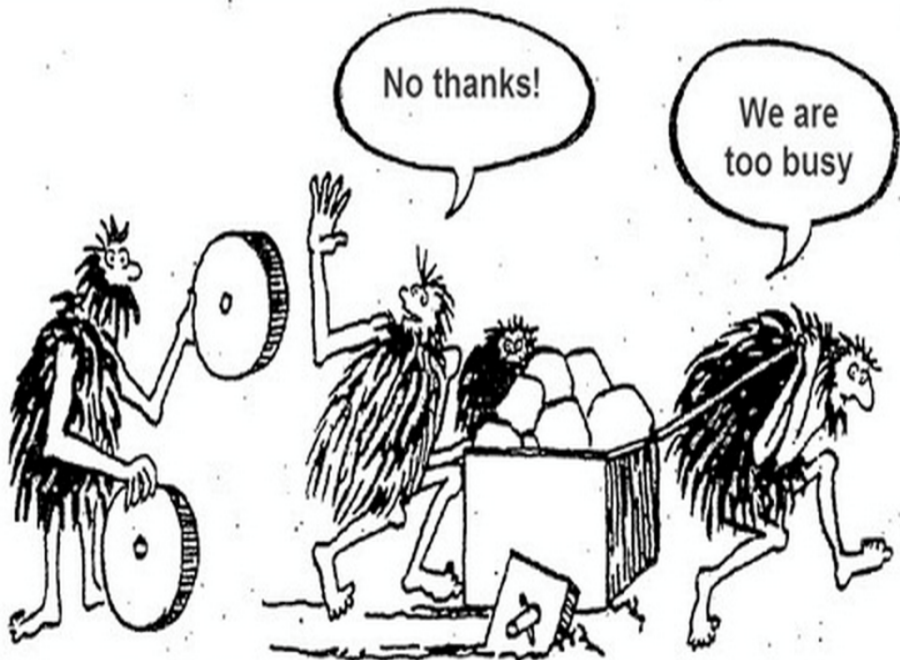
[`//en.wikipedia.org/wiki/Flow\_\(psychology\)`](https://en.wikipedia.org/wiki/Flow_(psychology))



PYTHON!

YOU'RE FLYING!  
HOW?





caveman with wheels got Python; busy guys use Excel

## super important! remember this!!

- publishing (and maybe conferences) is
  - \*the only way\* to get in touch with people exactly in your area
- there's just a handful of them,
  - almost never at you university, sometimes at a conference
  - usually at a journal where you submit;  
(if you pick the right one, almost always at a journal)
- this is \*the only way\* to take your work to next level!!
  - takes time; start now; otherwise may never make it
- and can just put online, eg ssrn or arxiv etc

## likewise for non-academia: for-profit and non-profit

- get in touch with ppl who do similar work
- in general: make it public, show to stakeholders
- the worst thing you can do is to keep it in a drawer
- you get ideas and directions
- become part of decision making
- find mistakes and misconceptions

## GIGO: dont trust anybody! esp ur org

- major ones like census:
  - many use it and found most mistakes and fixed
- but local organization's data:
  - very few use it so very likely mistakes and problems
- in addition to vis do:
  - info()
  - value\_counts(dropna=False)



## future research

- you've probably realized that i am into Python and data
- and always happy to discuss them
- let's stay in touch!