

Managing your research data



Sergio Martínez Cuesta

Overview

1. What is research data?
2. Why managing your data can be helpful to you and others?
3. Challenges
4. How to organise your data well

What is research data?

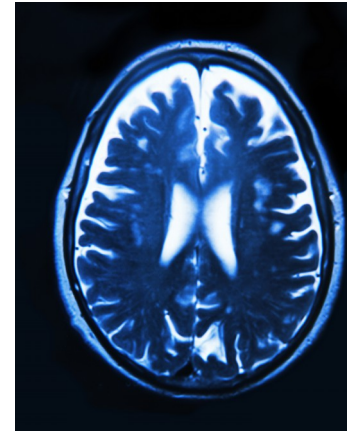
Pieces of information that are descriptive of the research object ... or are the object itself

- ✓ Raw/processed data produced at a research facility
- ✓ Published dataset

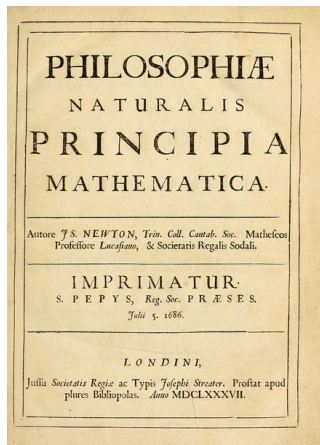
Necessary to validate research findings



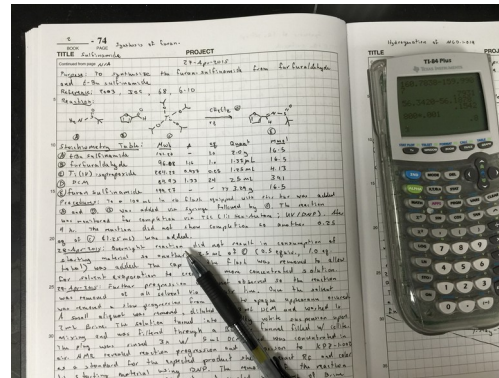
Experimental data



Images



Primary sources



Notebooks and diaries



Questionnaires and surveys



Databases



Email




Audio

What is *your* research data?

5 min exchange

What would you do if you lose your data tomorrow?

CASH REWARD
for returning my lost backpack



505 Adventure.com

- Black [AK] Burton Rucksack
- Lost on Friday 15. July at 8 pm in the Panton Arms pub 43, Panton St. Cambridge
- Containing a laptop (white MacBook), a black external hard drive and scientific research documents

The external hard drive is VERY important to me as it contains 5 years of research data which are crucial for my PhD thesis!!!

If you found it, I would be extremely grateful if you could return it to the Panton Arms or contact me on: ~~01223 430000~~
~~(01223 430000)~~ ~~xxxxxx@xxxxxx.uk~~

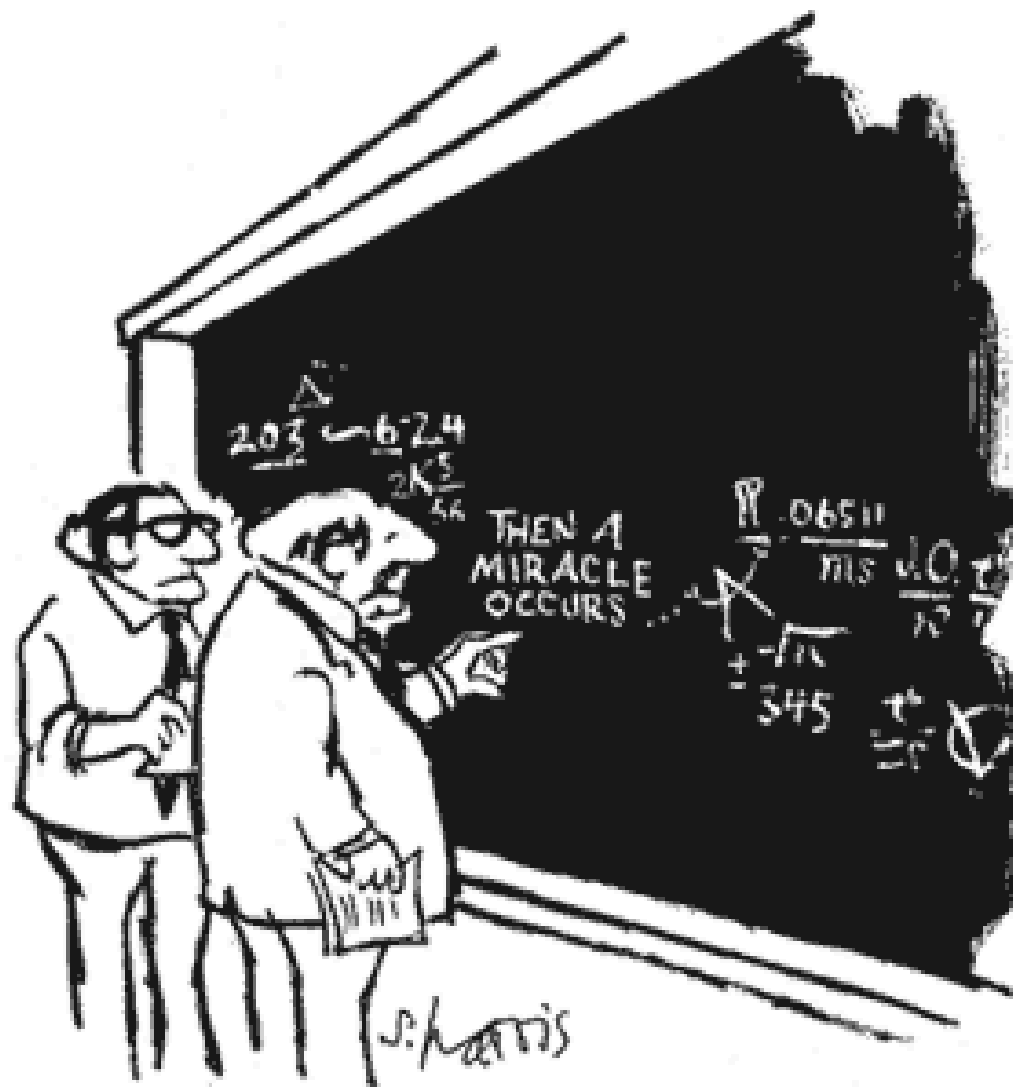
Thank you!!

What would you do if you lose your data tomorrow?



Cancer Research UK – University of Manchester – 27 April 2017

“I’d rather do real research than tidy up my data”



"I THINK YOU SHOULD BE MORE EXPLICIT HERE IN STEP TWO."

Continuity of your work

“I obtained the data 6 months ago. I am too busy. Of course I can’t remember all the details of all my projects after such a long time”

“My supervisor said I should continue the project of a previous student, but that student is long gone and hasn’t saved any data or documentation”

How to manage research data?

Create

Organise

Access

Store

Share