

# Data Science for Scientists

Wrap-up

---

Gianluca Campanella

17<sup>th</sup> July 2018

*The shortage of data scientists is becoming  
a serious constraint in some sectors.*

— T. H. Davenport and D. J. Patil  
*Harvard Business Review* (2012)

Isn't it all hype and no substance?



From the British Museum collection

**Data-driven decision-making**

## Data-driven decision-making

You need to be able to...

- Identify business value
- Focus on the problem-solving
- Communicate effectively and manage expectations

Should you leave academia and  
go work as a Data Scientist?

## One final word of advice

Find 'the thing' that motivates you  
to practise and learn more...



## One final word of advice

Find 'the thing' that motivates you  
to practise and learn more...

**Then do it!**

## Why humans are still needed...

$$1 \square 4 = 5$$

$$2 \square 5 = 12$$

$$3 \square 6 = 21$$

$$8 \square 11 = ?$$