What is Data Science?

What's in a name?

What is Data Science?

First measure,
second estimate quantity,
third calculate,
fourth balance chances,
fifth succeed.

Sun Tzu, *The Art of War*, 500 BC

What is Data Science?

Data Scientist is the Sexiest Job of the 21st Century (Harvard Business Review)

Data Scientist is "the most sought after job in America", according to Market Watch

Glassdoor.com has listed Data Scientist as the best job in America two years in a row

What is Data Science?

What is data science?

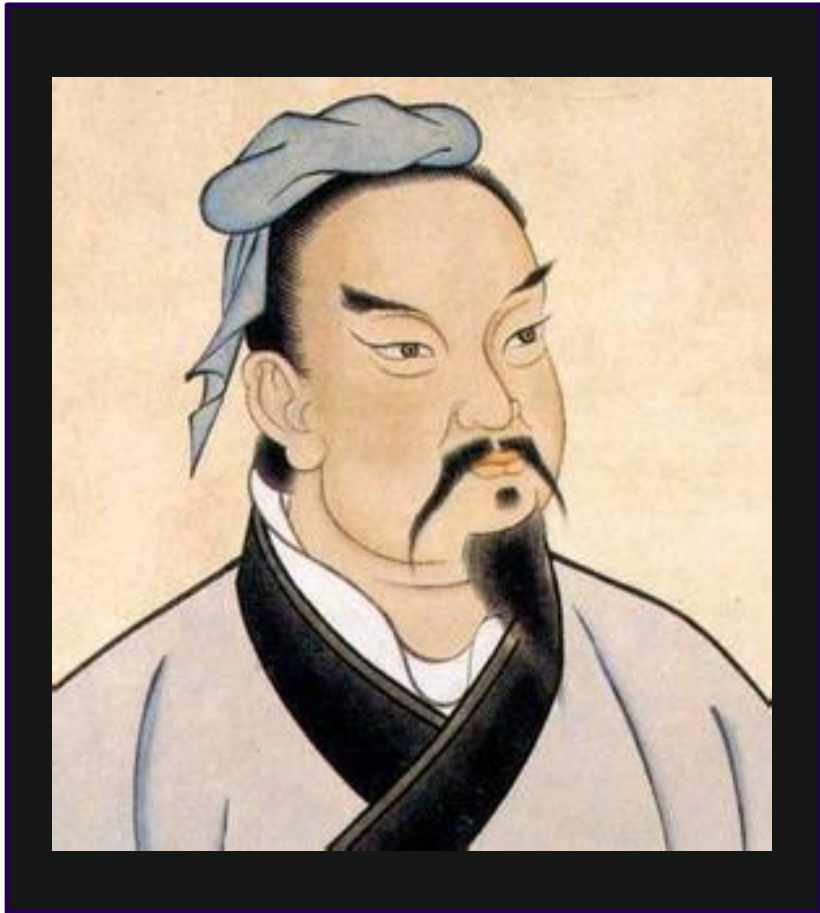Why is data science new?

What is Data Science?

What is data science?

Data science is the generalization of the scientific method

Why is data science new?

What is Data Science?

What is data science?

Data science is the generalization of the scientific method

Why is data science new?

Data science is a "new" discipline because

1. **of an abundance of data outside of the traditional sciences**
2. **of tools to investigate these data**

What is Data Science?

Decompose "Data Science" into "Data" and "Science"

What is Data Science?

Decompose "Data Science" into "Data" and "Science"

– **What is the scientific method?**

– **What is the nature of data?**

What is Data Science?

What's in a name?