

**NETWORKED MINDS:
OPINION DYNAMICS AND COLLECTIVE
INTELLIGENCE IN SOCIAL NETWORKS**

LOGISTICS

Adrian Haret
a.haret@lmu.de

The class is about the *wisdom of crowds*

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connected world

The class is about the *wisdom of crowds* in a connected world: how *social networks* influence beliefs, opinions, behaviors.

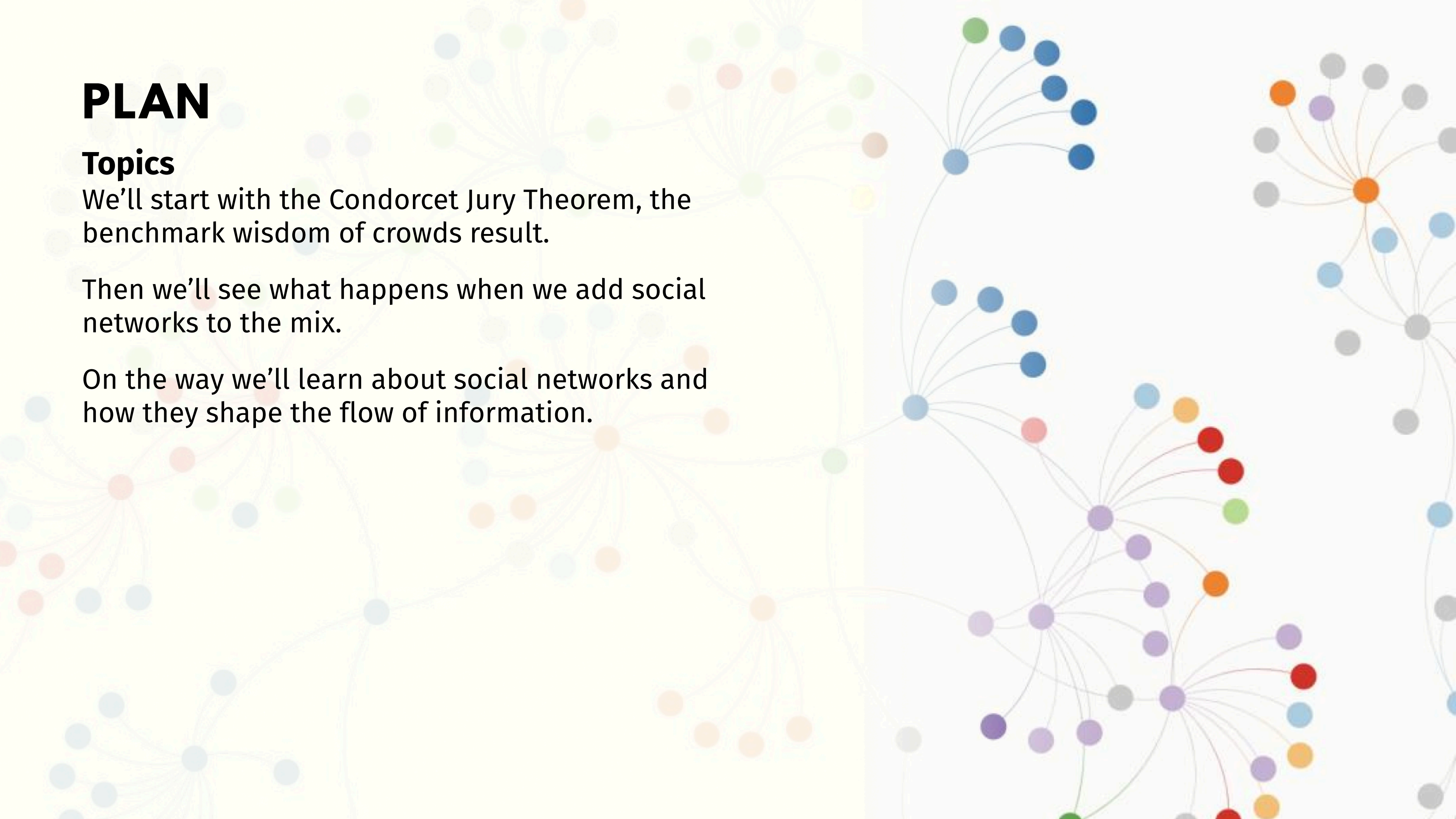
PLAN

Topics

We'll start with the Condorcet Jury Theorem, the benchmark wisdom of crowds result.

Then we'll see what happens when we add social networks to the mix.

On the way we'll learn about social networks and how they shape the flow of information.



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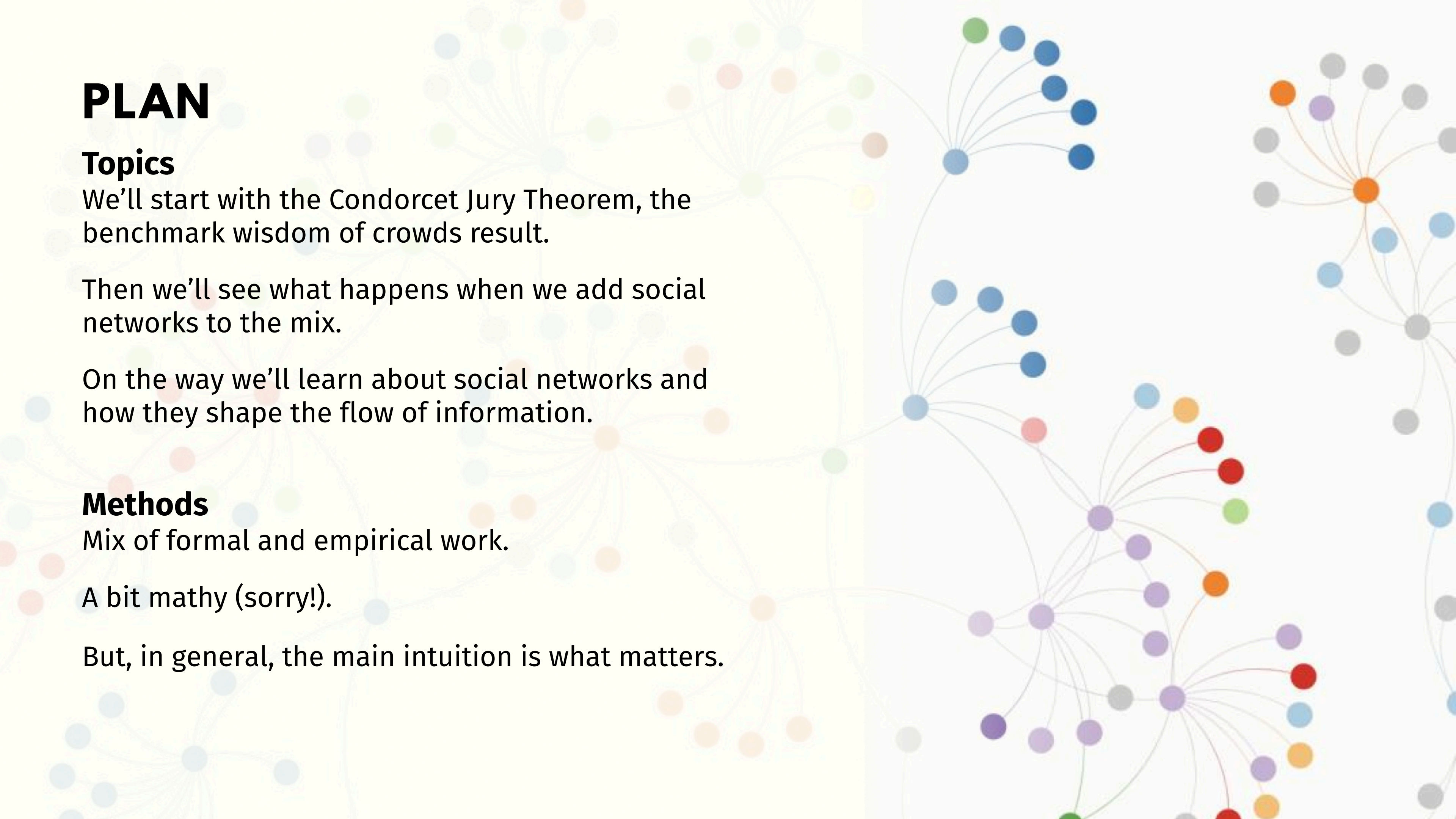
On the way we'll learn about social networks and how they shape the flow of information.

Methods

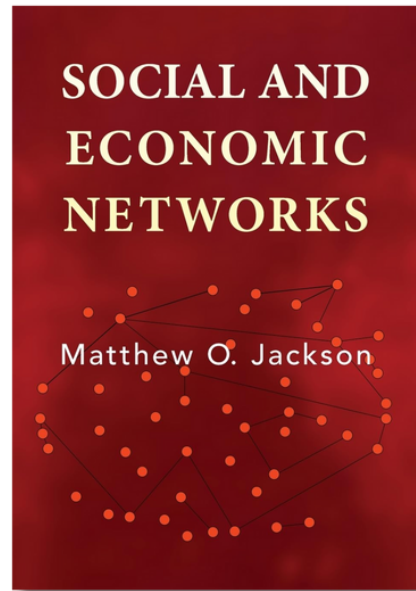
Mix of formal and empirical work.

A bit mathy (sorry!).

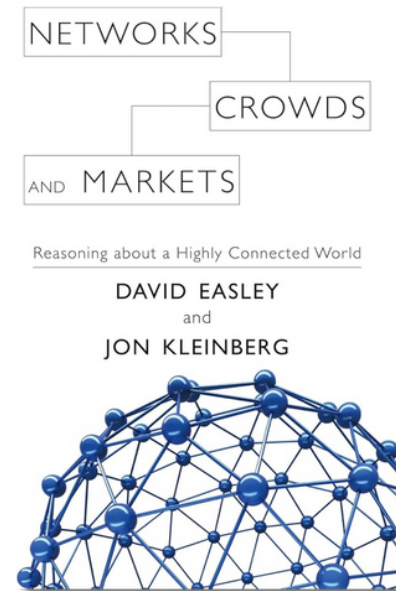
But, in general, the main intuition is what matters.



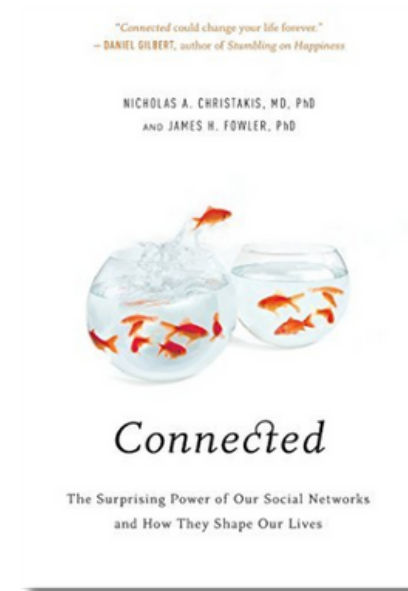
RESOURCES



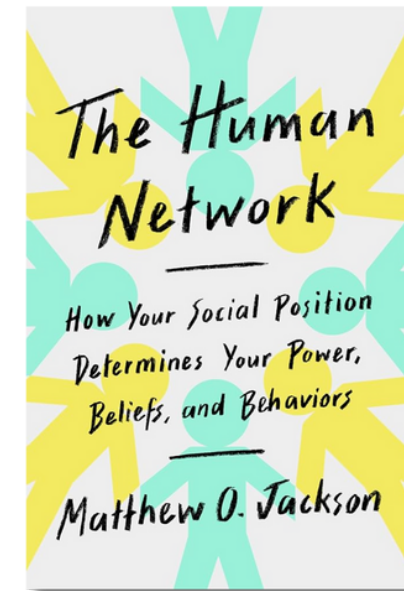
MATTHEW O. JACKSON
Social and Economic Networks
Princeton University Press
2010



DAVID EASLEY & JON KLEINBERG
Networks, Crowds, and Markets: Reasoning about a Highly Connected World
Cambridge University Press
2010



NICHOLAS A. CHRISTAKIS & JAMES H. FOWLER
Connected: The Surprising Power of Our Social Networks and How They Shape Our Lives
Little, Brown Spark
2009



MATTHEW O. JACKSON
The Human Network: How Your Social Position Determines Your Power, Beliefs, and Behaviors
Pantheon
2019

...plus papers, videos, podcasts.


Stay tuned!

LECTURES



1

Apr 21, 2025



2

Apr 28, 2025

10:00 - 12:00
Room 021

3

May 5, 2025

10:00 - 12:00
Room 021

4

May 12, 2025

10:00 - 12:00
Room 021

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May 19, 2025

10:00 - 12:00
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May 26, 2025

10:00 - 12:00
Room 021

7

Jun 2, 2025

10:00 - 12:00
Room 021

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Jun 9, 2025



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Jun 16, 2025

10:00 - 12:00
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Jun 23, 2025

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Jul 7, 2025

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Sep 19, 2025

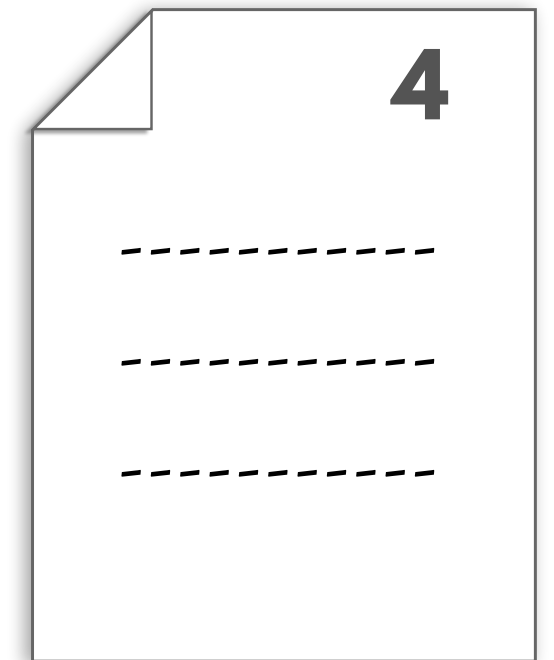
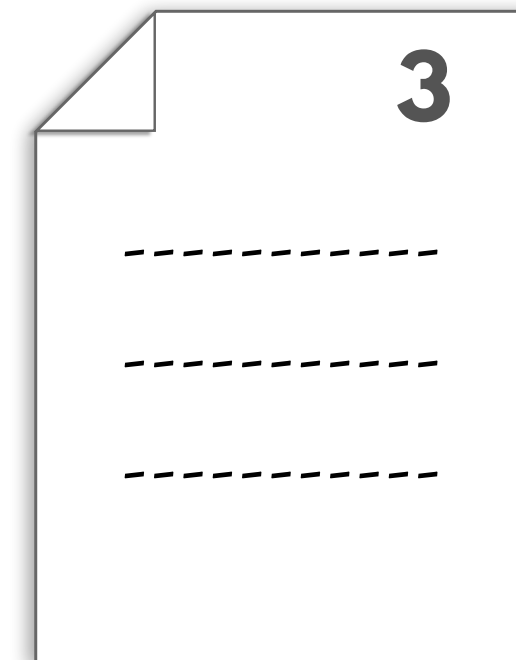
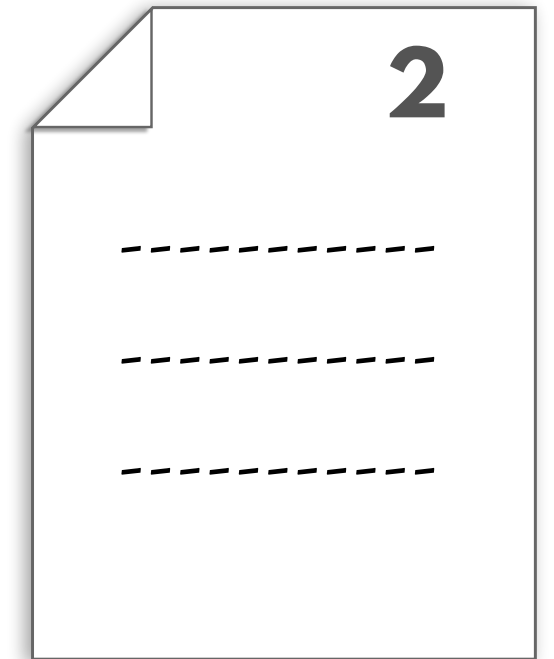
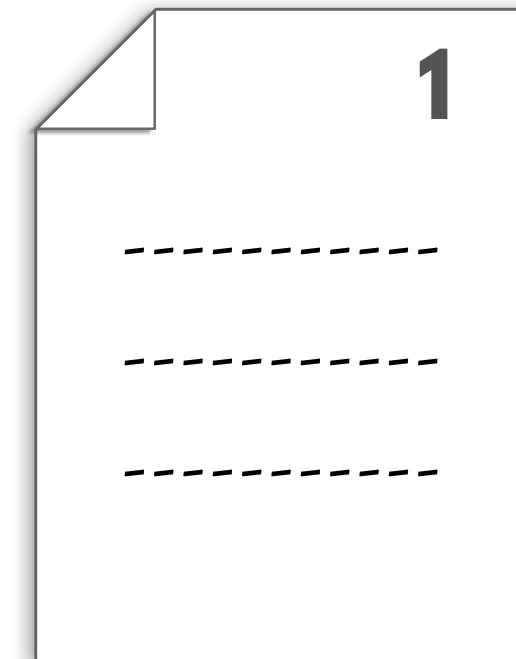
Assignments due

EVALUATION

Four assignments

An assignment is either an:

- essay (~3pp), or
- oral presentation of course material, or
- implementation + report



EVALUATION

Four assignments

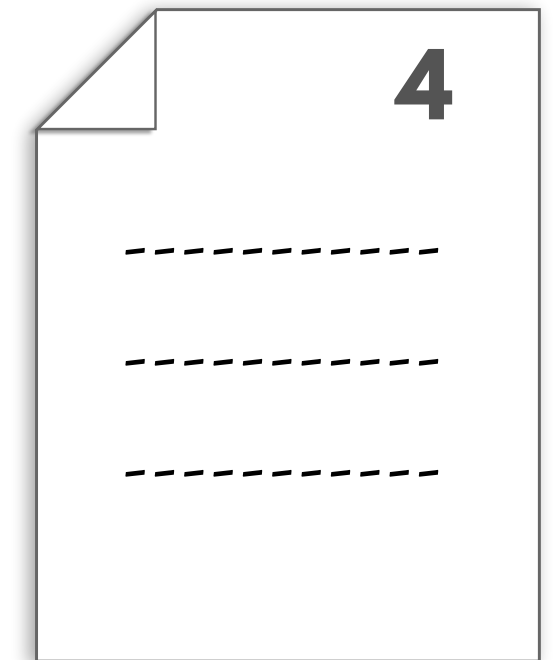
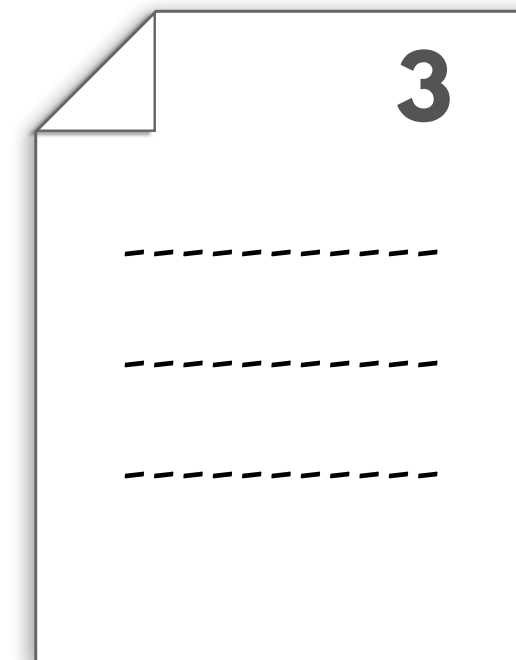
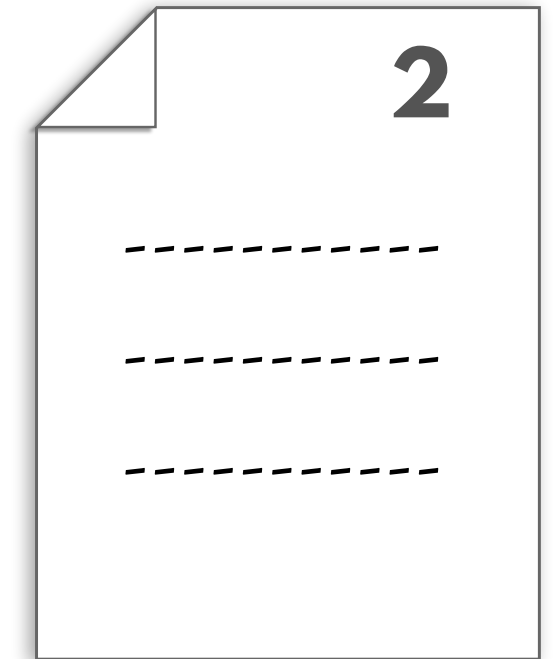
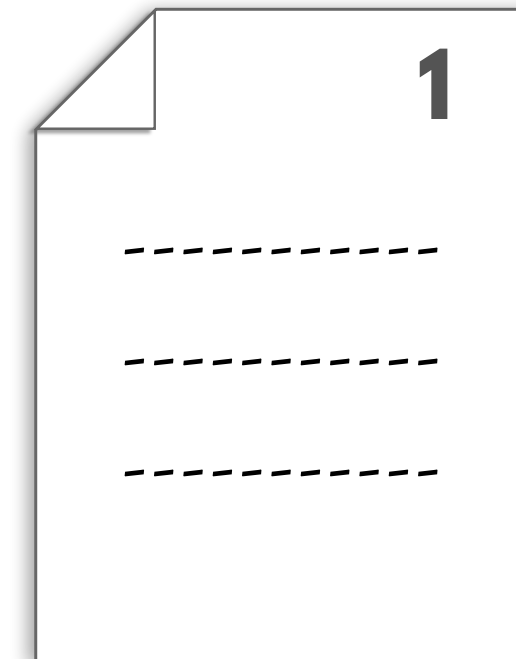
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Essays

Can be:

- review of existing paper
- developing a research idea
- exploring a topic



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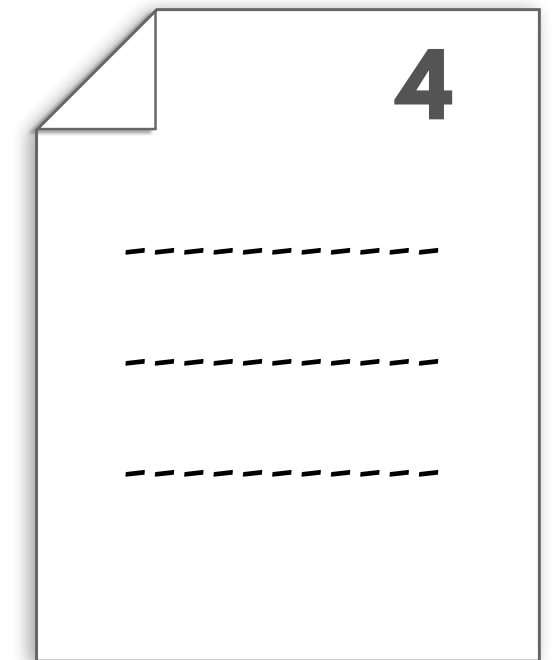
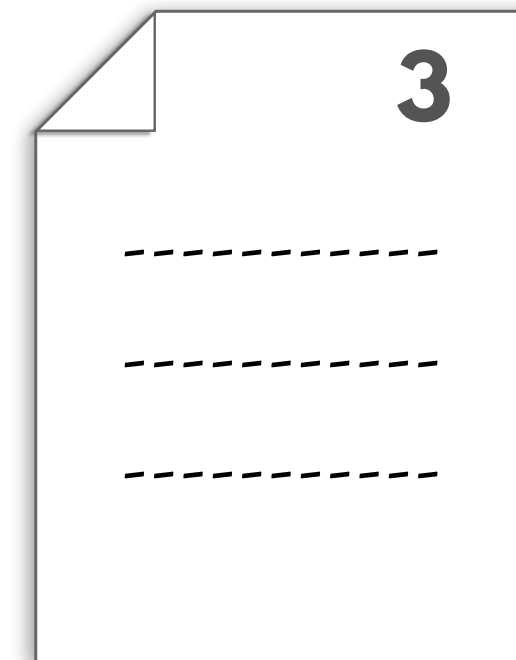
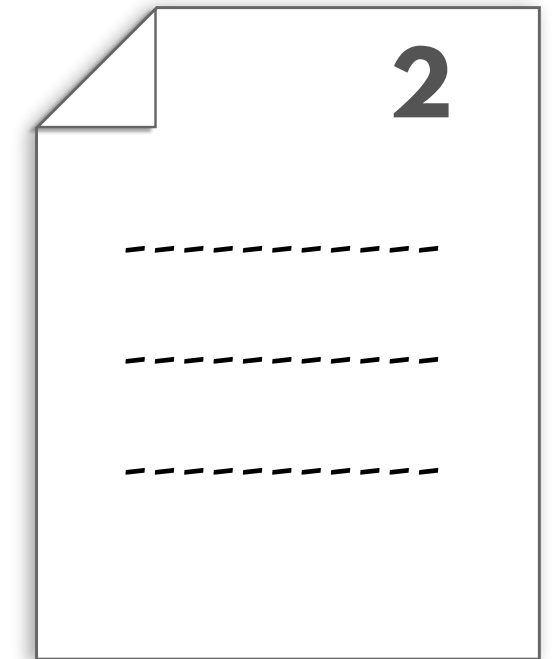
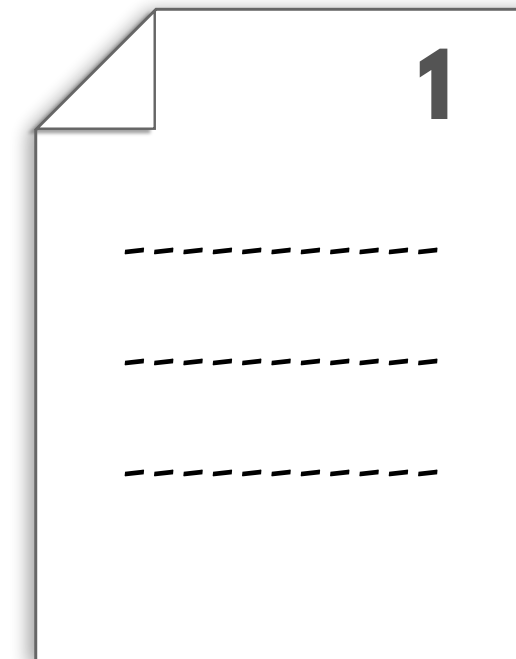
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Note

Assignments can be combined!

E.g., 1 x 6pp essay = 2 x 3pp essay.



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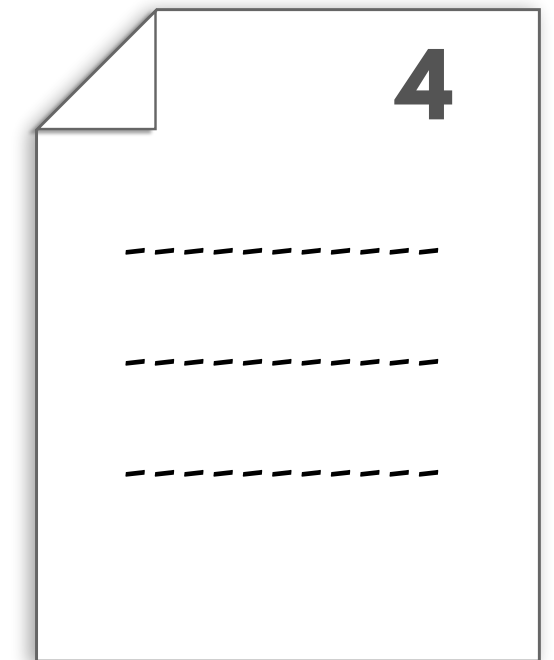
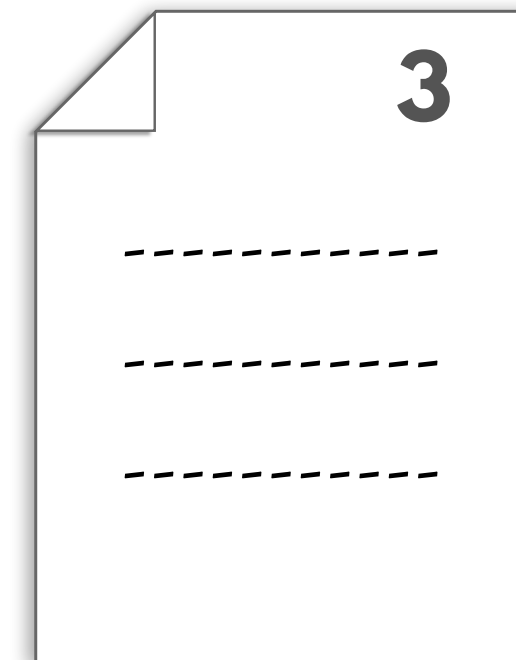
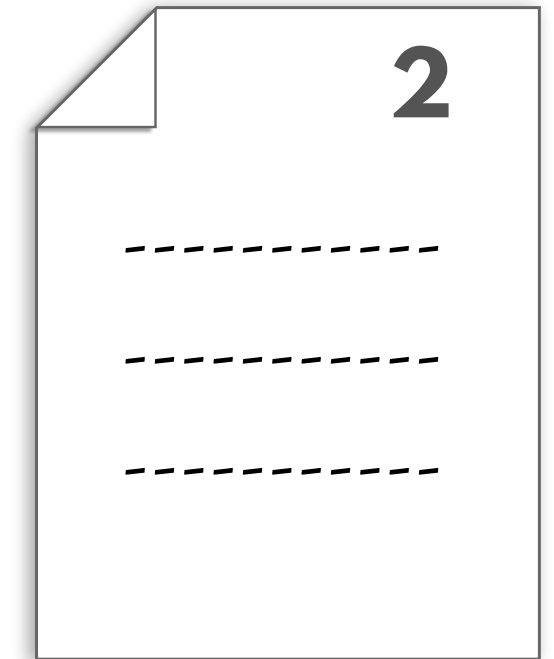
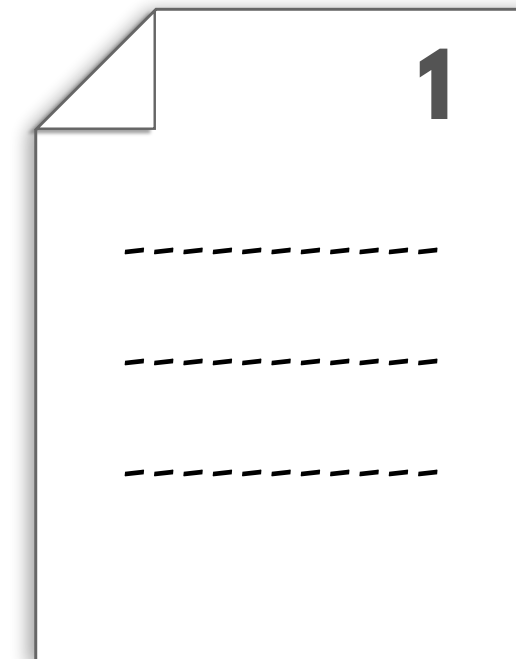
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Deadline

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ETIQUETTE

Questions

Feel free to interrupt any time.

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Respect towards peers

Please.

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Taking credit

Don't plagiarize (obviously).

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ChatGPT?

ETIQUETTE

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ChatGPT? Sure, but you have to put your own spin on things!

Now let's get to know each other.

ME



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📖 Background in Philosophy, at University of Bucharest.

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Write to me!

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Or drop by
(I'm next door).

ET
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Your turn!