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Data Science as a Team Sport

Angela Bassa
@angebassa, January 2019

The First One





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Foundation al Technical Debt

a.k.a.
“just because a
data scientist can
do everything
doesn't mean they
should”

When To Grow?

- Scope
- Maturity
- Speed



• Add Specialization

- Science
- Analytics
- Engineering
- Operations
- Product

• Add Process

- Documentation & Semantics
- Authentication
- Governance
- Automation (Testing, Deployment, Etc.)

• Add Resilience

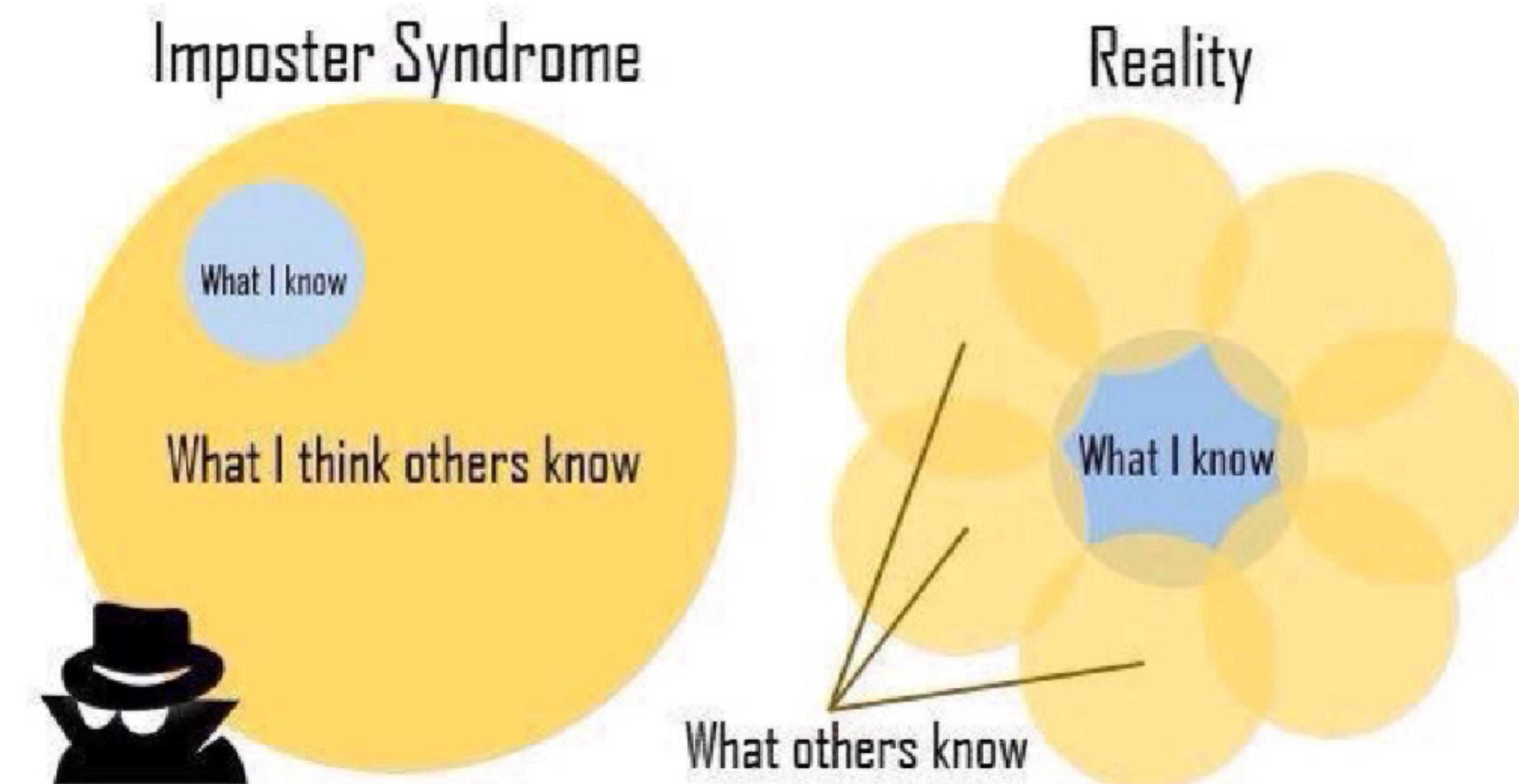
- Hiring (Interviewing, Evaluating)
- On-Boarding
- Culture (Standards, Rules, Norms)
- Diversity & Inclusion

**Do You
Know
Enough To
Be Able To
Ask All The
Right
Questions?**

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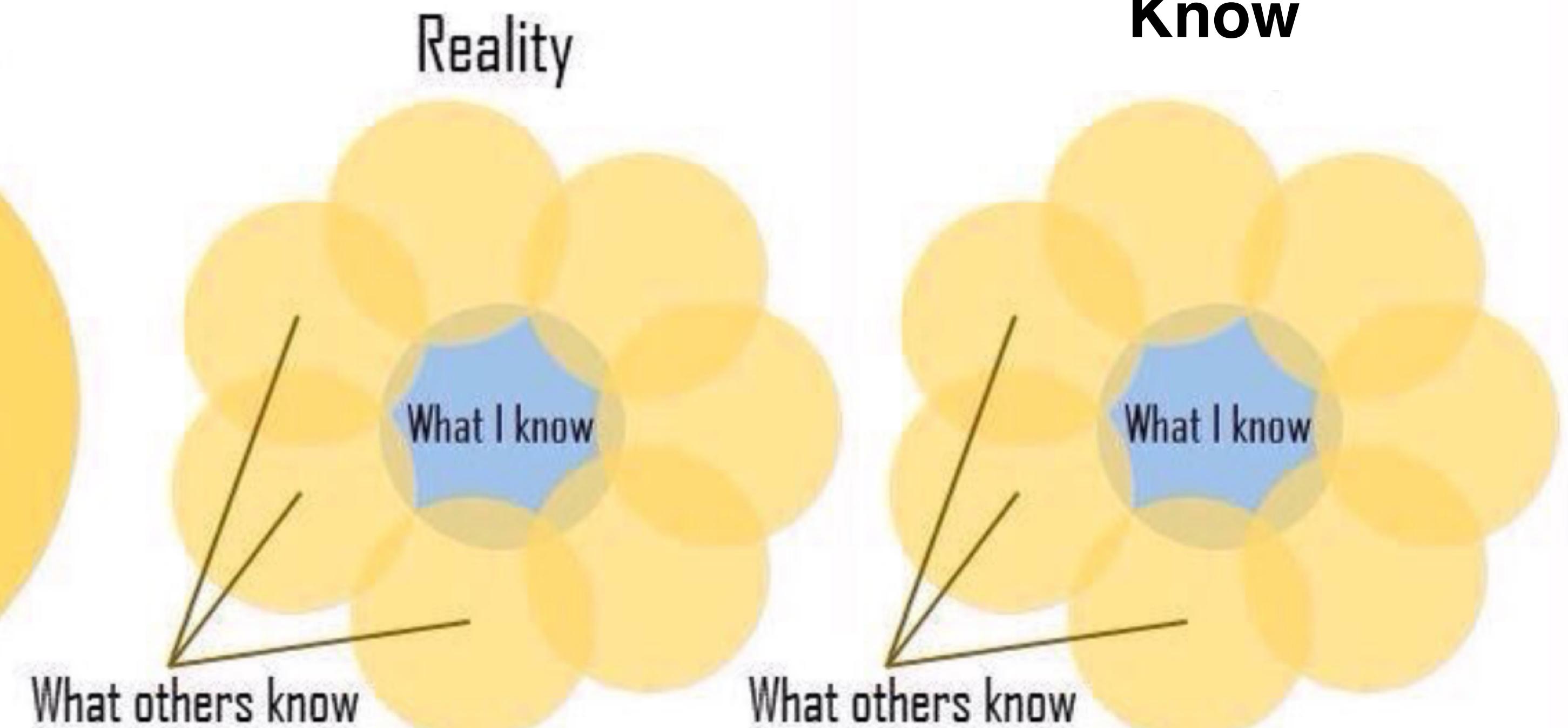
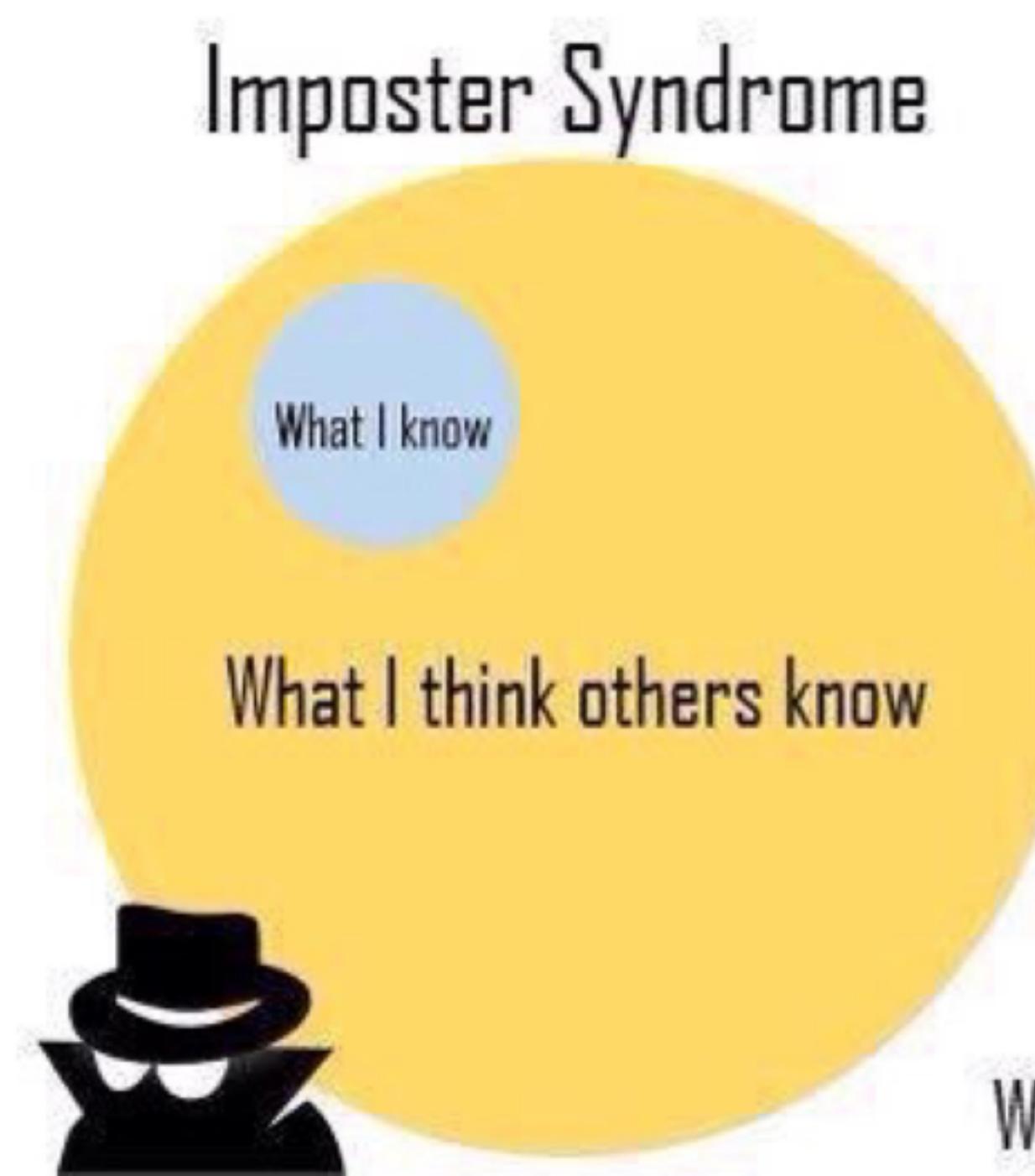


Reality



Building A Larger Reality

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The Reason For
Including People Who
Don't Know What You
Know

**Instead Of
Protecting
Your Team
From Failure,
Prepare Them
For It**





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The Luxury Of Ignorance

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A close-up photograph of a Celebes Crested Macaque's face. The monkey has dark grey or black fur, prominent whiskers, and bright orange-red eyes. Its mouth is wide open, revealing a set of yellowish-brown teeth. The background is a blurred green, suggesting a forest environment.

Chaos Monkeys

© Celebes Crested Macaques*

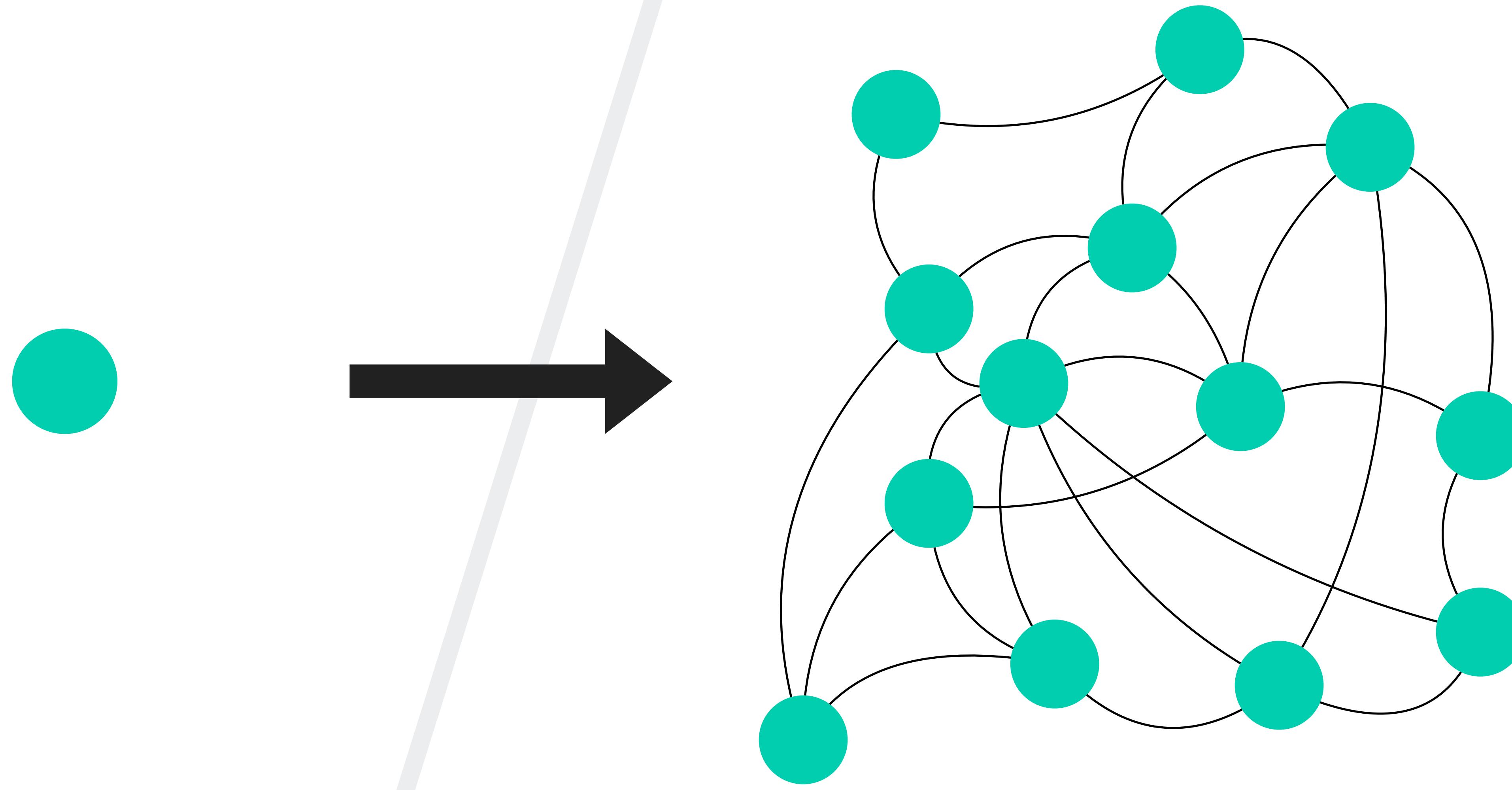
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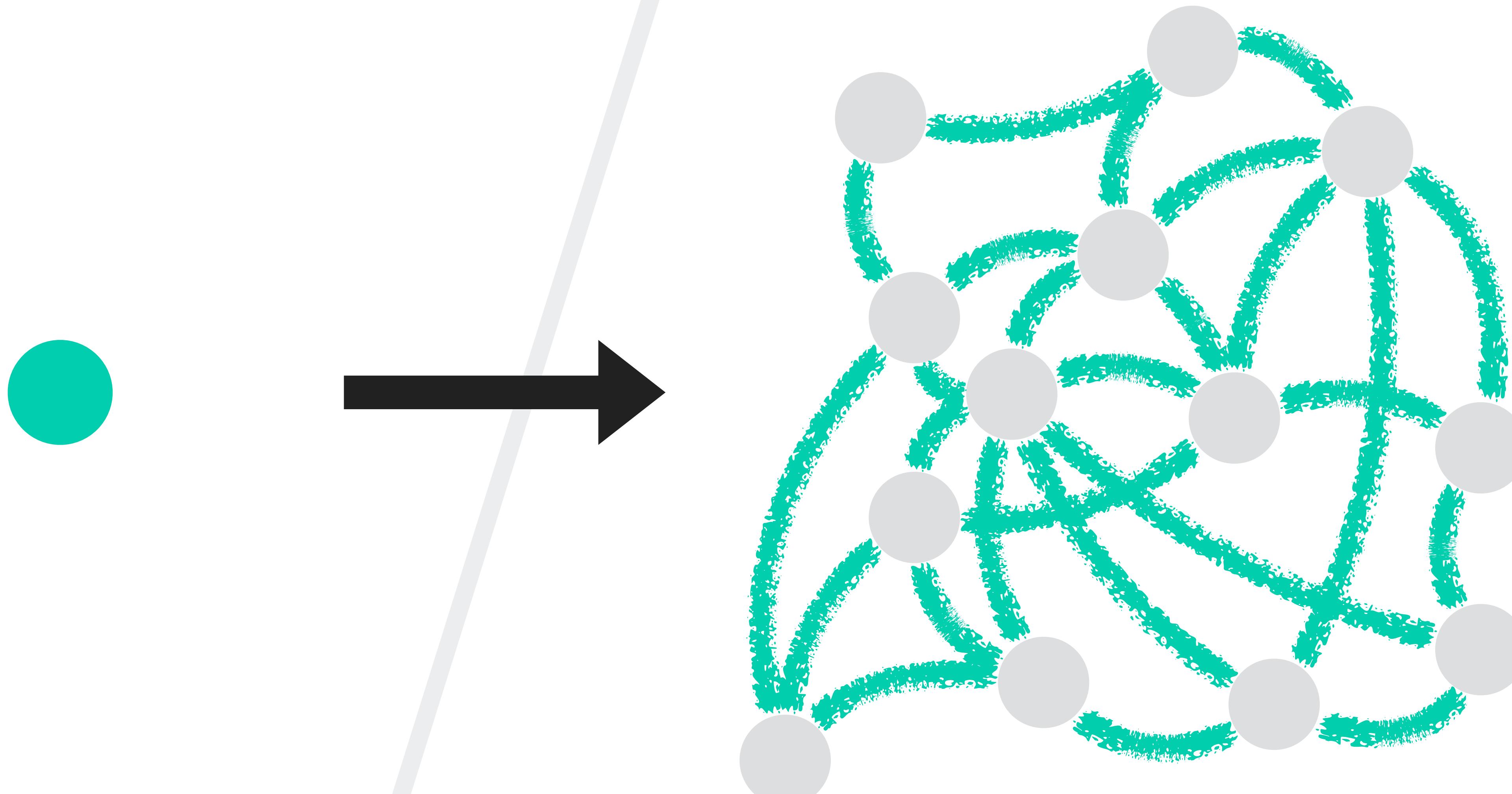
Where Should The New Team Live?

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Embedded In Other Disciplines
Or Should It Be Centralized Into
Its Own Function?

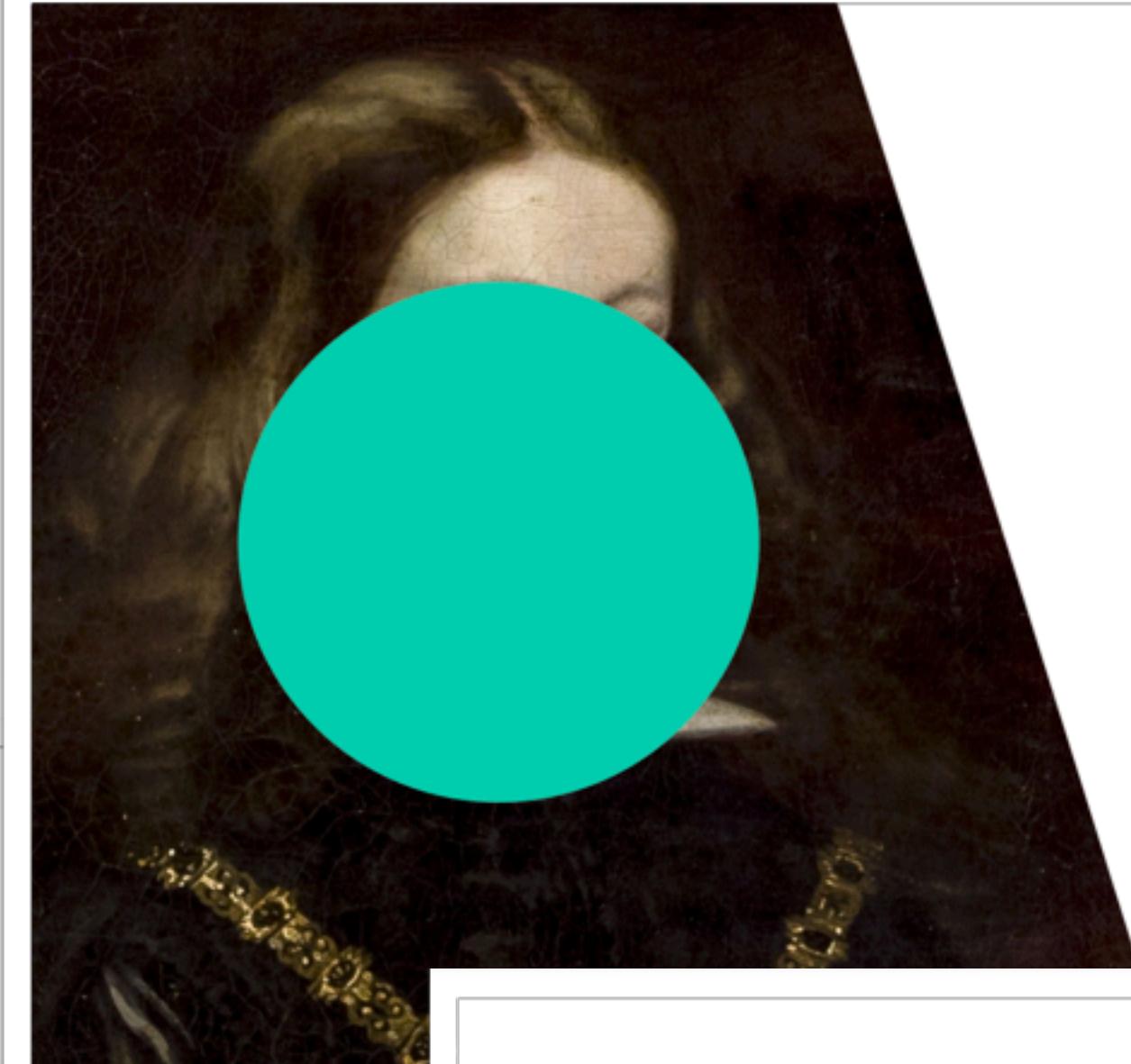






$$c = n(n-1)/2$$

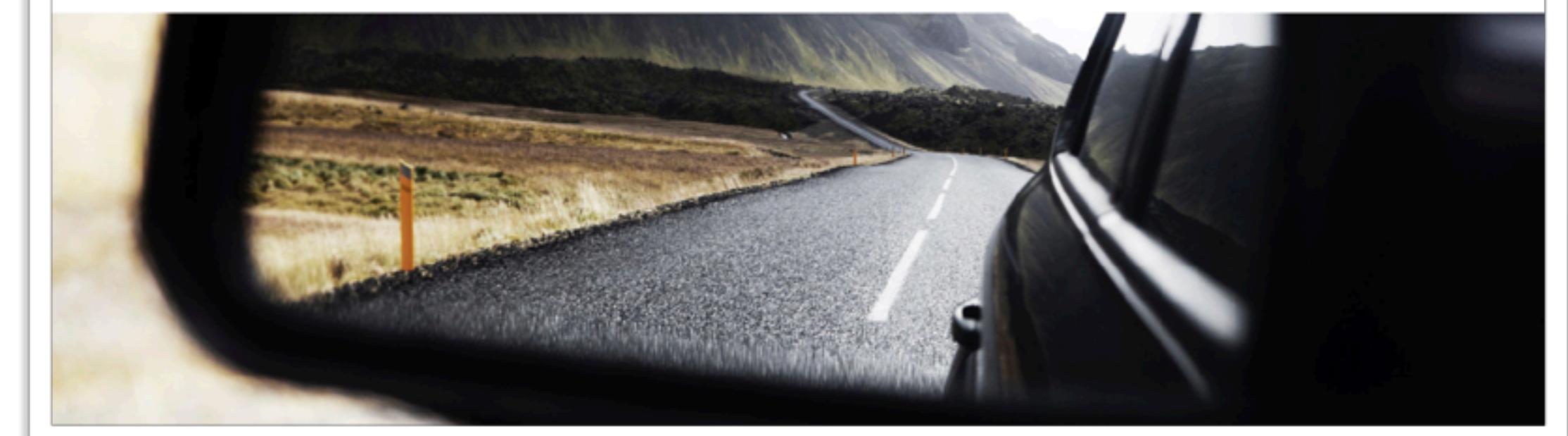
**Have You
Heard Of
Super
Chickens?**



Dynasties And Intellectual Inbreeding

**Mirror-tocracies¹ &
Survivorship Bias**

¹ Kara Swisher





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**Excellence
Isn't Binary.**

**It Can Vary
Day By Day,
Project By
Project,
Season By
Season.**

A close-up photograph of three citrus cocktails. In the foreground, a glass filled with white rum punch is garnished with lime slices and mint leaves. Behind it, another glass contains a light-colored cocktail with a lime wedge. To the right, a slice of red grapefruit is shown. The background is a light, textured surface.

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Thank You!

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