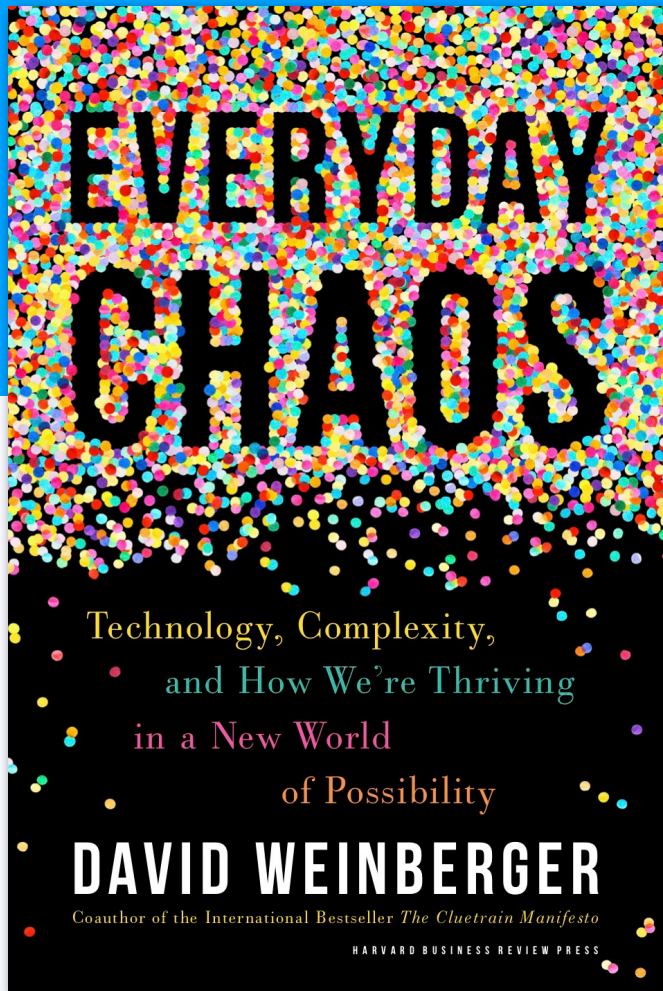


Chaos, AI, Ethics



EverydayChaosBook.com

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www.JohoTheBlog.com
[dweinberger@twitter](https://twitter.com/dweinberger)
Harvard Berkman Klein Center
for Internet & Society
Senior Researcher
Google
writer in residence

Premise

We understand
ourselves in terms of
our dominant tech

Net AI

The Net AI is giving
conditioned us a new
us to chaos. model.

Part I

Life on the Net is weird.



Ford Touring Car \$295

F. O. B. DETROIT
Starter and Dismountable Rims \$85 Extra

OF all the times of the year
when you need a Ford car,
that time is NOW!

Wherever you live—in town
or country—owning a Ford car
helps you to get the most out
of life.

Every day without a Ford means lost
hours of healthy motoring pleasure.

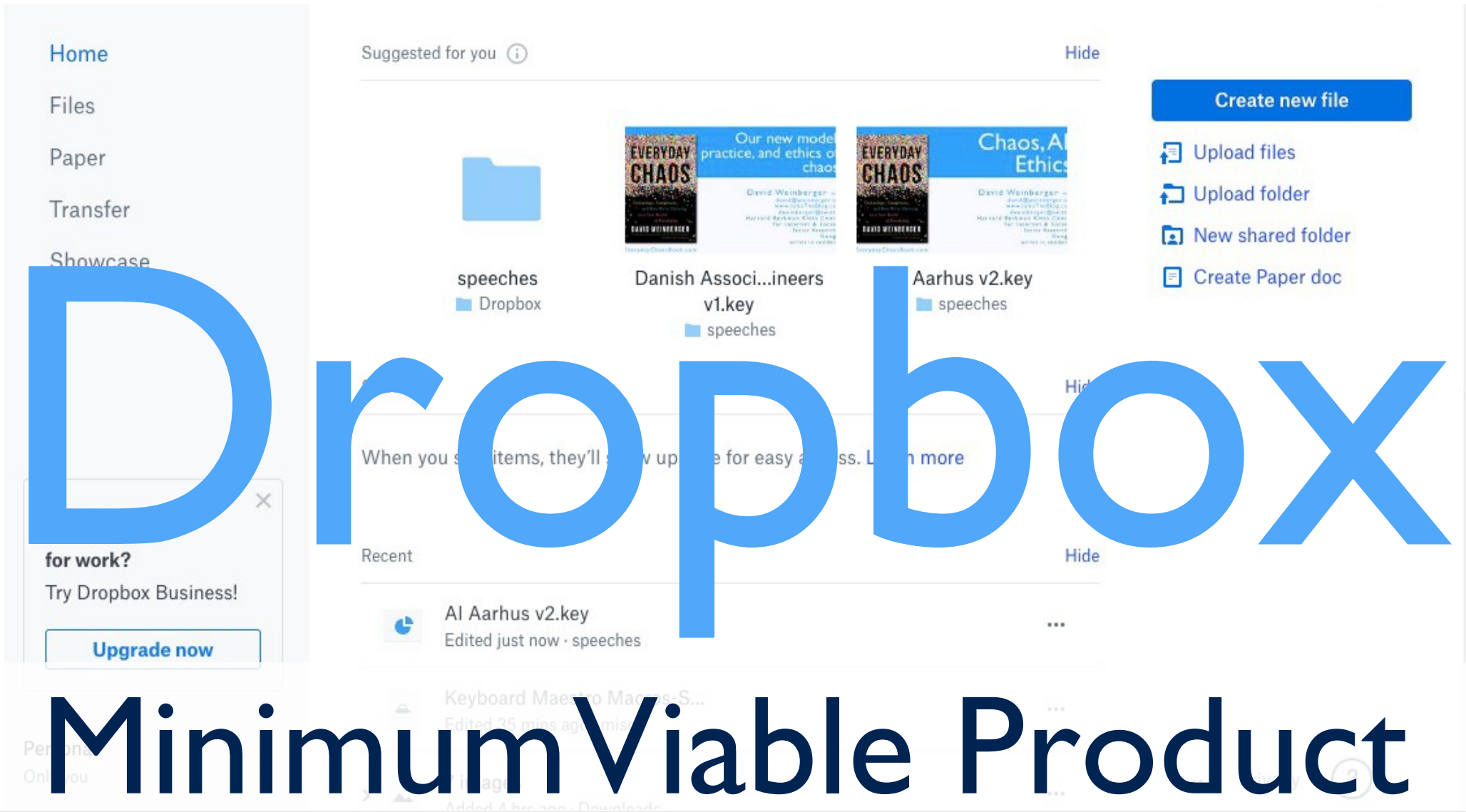
The Ford gives you unlimited chance
to get away into new surroundings
every day—a picnic supper or a cool
spin in the evening to enjoy the
countryside or a visit with friends.

These advantages make for greater
enjoyment of life—bring you rest and
relaxation at a cost so low that it
will surprise you.

By stimulating good health and effi-
ciency, owning a Ford increases your
earning power.

Buy your Ford now or start weekly
payments on it.





A vibrant Minecraft landscape featuring a village with wooden houses, a large green tree, and two player characters standing on a grassy hill. In the background, there are blue mountains and a body of water under a clear blue sky with white clouds.

176,000,000 copies

Minecraft

48,000 mods



2,100,000 apps

OKF Ireland

CHANNELS

- #foi-fees
- #general
- #ogp-action-plan
- #ogp-cs-day
- #open-data-in-a-day
- #project-management
- #random
- #re-branding
- #trello
- Create a channel...

DIRECT MESSAGES

- slackbot
- corcoran_ad
- Denis Parfenov
- Eugene Eichelberger
- Flora
- Ingo Keck
- martinwallace
- snassabay

PRIVATE GROUPS

New private group...

shawnday online

@slackbot



For more tips, along with news and announcements, follow our Twitter account @slackhq and check out the #SlackTipOfTheDay archive.

Wednesday, April 16th, 2014



Slack Bot 13:55

Hi, Slackbot here! To make things easier for your teammates, I can set up a few personal details for you.



Shawn Day 13:55

Hi, what is your first name?



Slack Bot 13:55

Shawn Day, what is your last name?



Shawn Day 13:55

Day



Slack Bot 13:55

Hi, to meet you Shawn Day! (To help you even better, you can change your name or profile information, you can also add a photo there. Things look so much better with a picture of you. I'm happy to wait while you do that, but if you want to just keep going, say "continue" or "keep going" or even "go".

Nice photo!

You can also add a photo there. Things look so much better with a picture of you. I'm happy to wait while you do that, but if you want to just keep going, say "continue" or "keep going" or even "go".

Nice photo!

Please feel free to give us feedback any time at feedback@slack.com, or follow us on Twitter at <https://twitter.com/slackhq>

Search

Team Directory



shawnday

Shawn Day

Digital Historian

[View Account](#) • [Edit Profile](#)

Recent Activity



You commented on Shawn Day's file

[OKIBanner18.png](#)



You 12:49

All same green. Will admit that I adjusted from the slightly different variant of green as it washed out over white background. Am unsure of Pantone spec'd by OK as I can't read it on their lo-res screen capture.



You uploaded a file

[OKIBanner18.png](#)

Thu, May 1st at 12:49

1MB png file

[#re-branding](#)

2 comments



You commented on Shawn Day's file

[OKIBanner18.png](#)



You 11:23

or ... 18



You uploaded a file

[OKIBanner18.png](#)


Thu, May 1st at 12:49

USD\$80,000,000 fund




Unanticipated

It's as if we've
spent twenty
years



Making the
world more
unpredictable





Simon Matzinger CC BY 4.0
https://commons.wikimedia.org/wiki/File:Cotopaxi_nationalpark.jpg



Make. More. Future.

Unanticipation
requires comfort
with not knowing

Juniors' Clothing

Departments

Browsing History

David's Amazon.com

Today's Deals

Gift Cards & Registry

Sell

Hello, David
Your Account

Prime

Lists

0

Cart

Amazon Fashion

WOMEN

MEN

GIRLS

BOYS

BABY

LUGGAGE

SALES & DEALS

YOUR FASHION & S

FREE RETURNS
Restrictions Apply

The Short List

Romantic Nomad: New Boho Styles
We Love: Summer Sunset Hues
Gym to Street Workout Wear
Woodstock Inspired Looks
Style Crush: Trends for Less

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Amazon Fashion

Women

Juniors

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Sweaters

Fashion Hoodies & Sweatshirts

Jeans

Pants

Skirts

Shorts

Leggings

Active

Swimsuits & Cover Ups

Lingerie, Sleep & Lounge

Jumpsuits, Rompers & Overalls

Coats & Jackets

Suits & Blazers

Socks & Hosiery

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JUNIORS' CLOTHING

BEST IN CLASS
BACK-TO-SCHOOL
DENIM

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ACTIVE ESSENTIALS

POLOS & BUTTON DOWNS

JEWELRY, WATCHES AND ACCESSORIES

PANTS & SHORTS

BOOTS

FAVORITE FASHION SNEAKER

BACKPACKS

18

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Coats & Jackets

Suits & Blazers

Socks & Hosiery

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JEWELRY, WATCHES AND ACCESSORIES

PANTS & SHORTS

BOOTS

FAVORITE FASHION SNEAKER

BACKPACKS

20

+ 2%

Learn More



Join Us Now



Inexplicable
?

So
what?

Deep Patient

There's a 72% chance
you'll develop Type
2 diabetes within 5 years.

What?? Why??

We don't know

3 months!

3 months!



30 years!

3 months!

3 months!

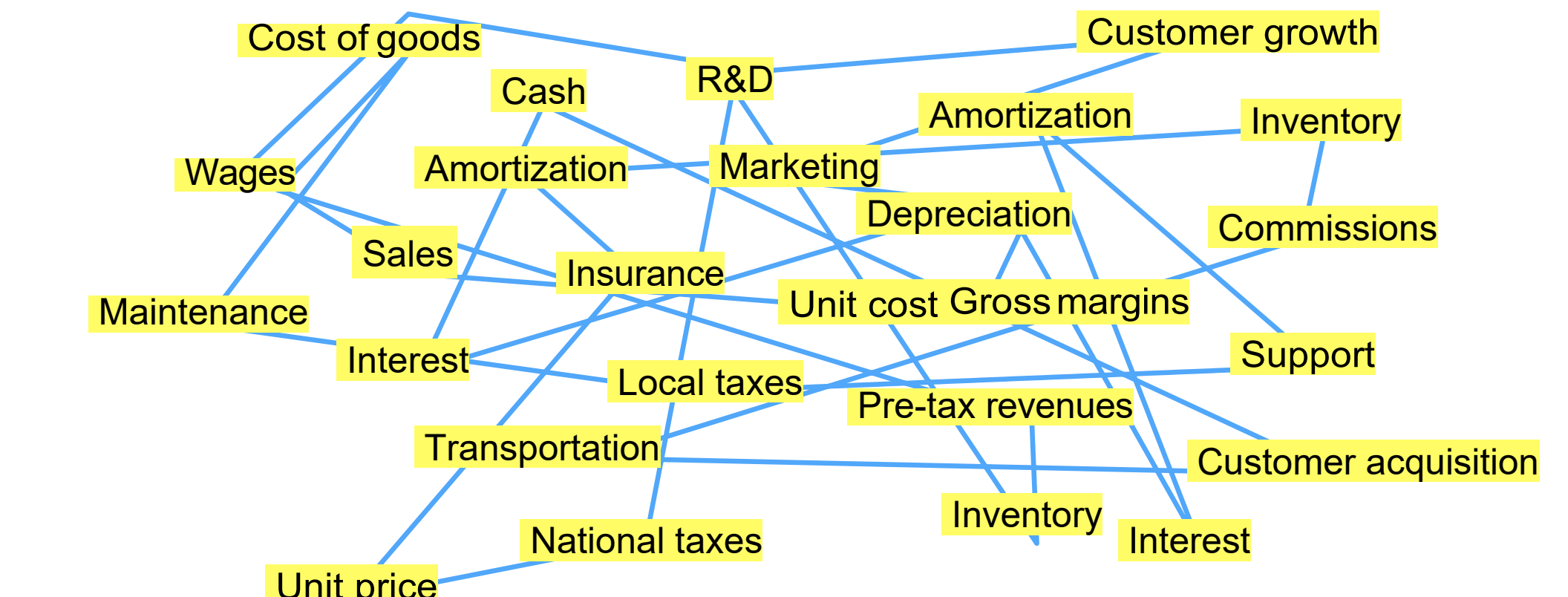
3 months!

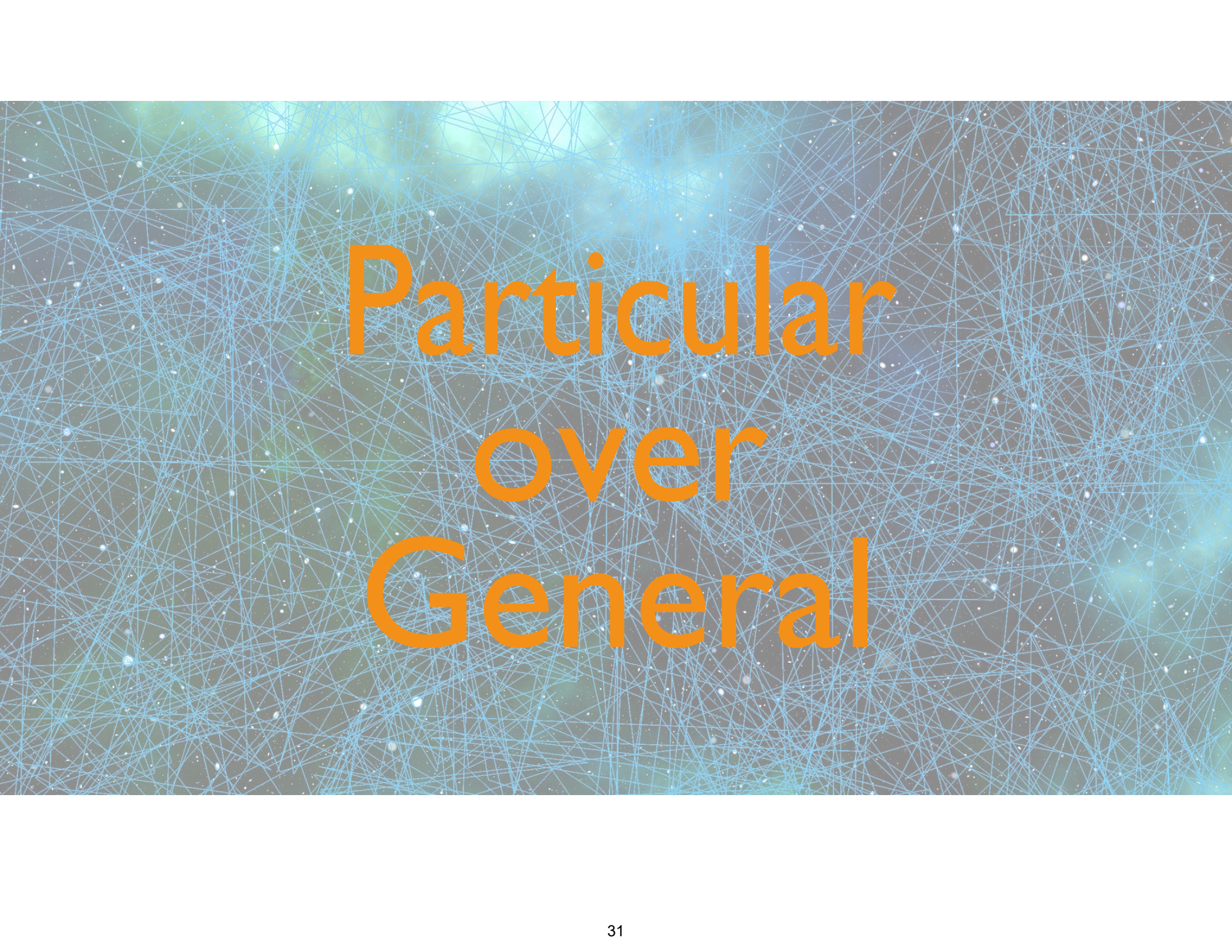
Part II

AI Ethics

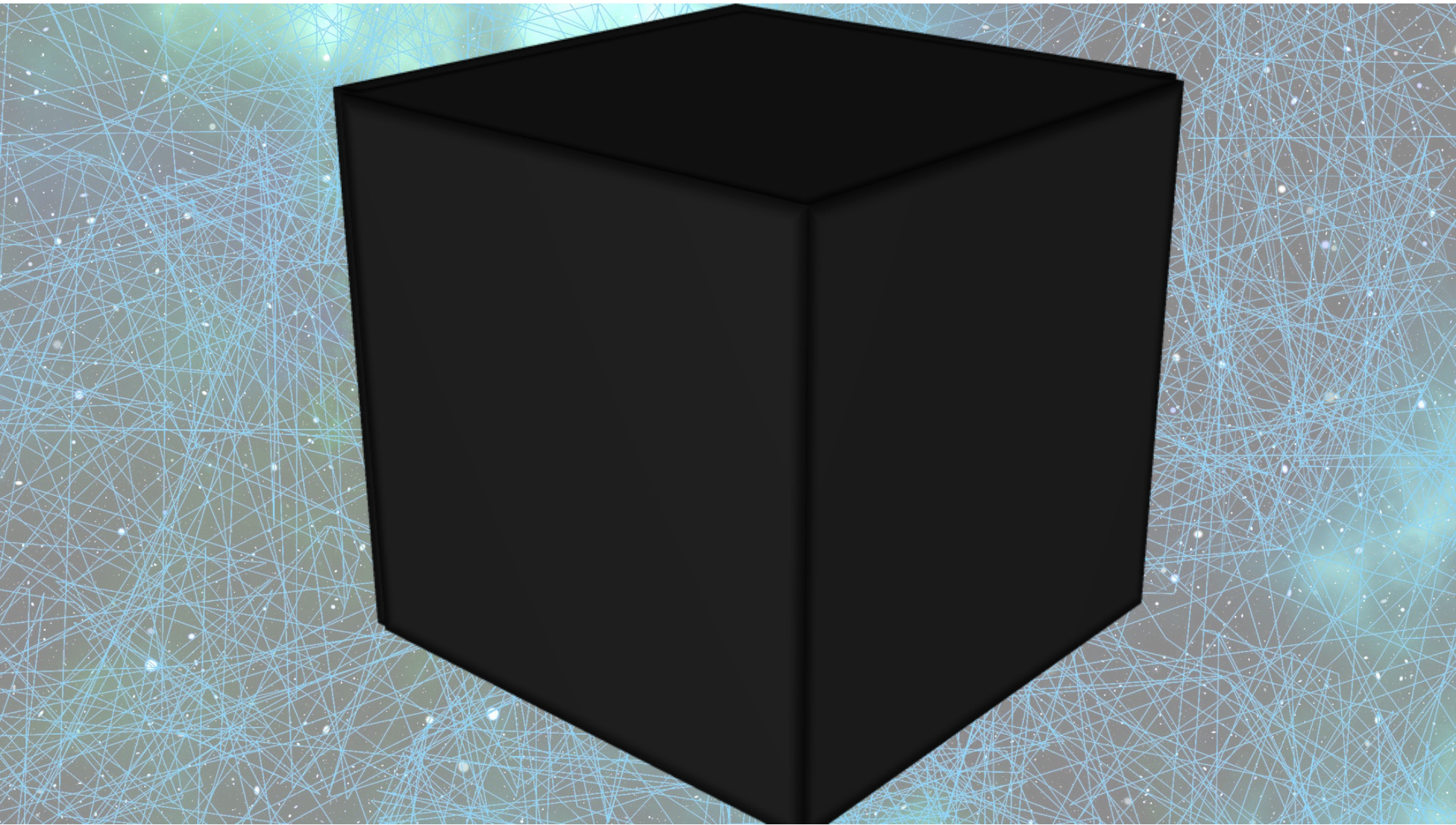
Machine Learning

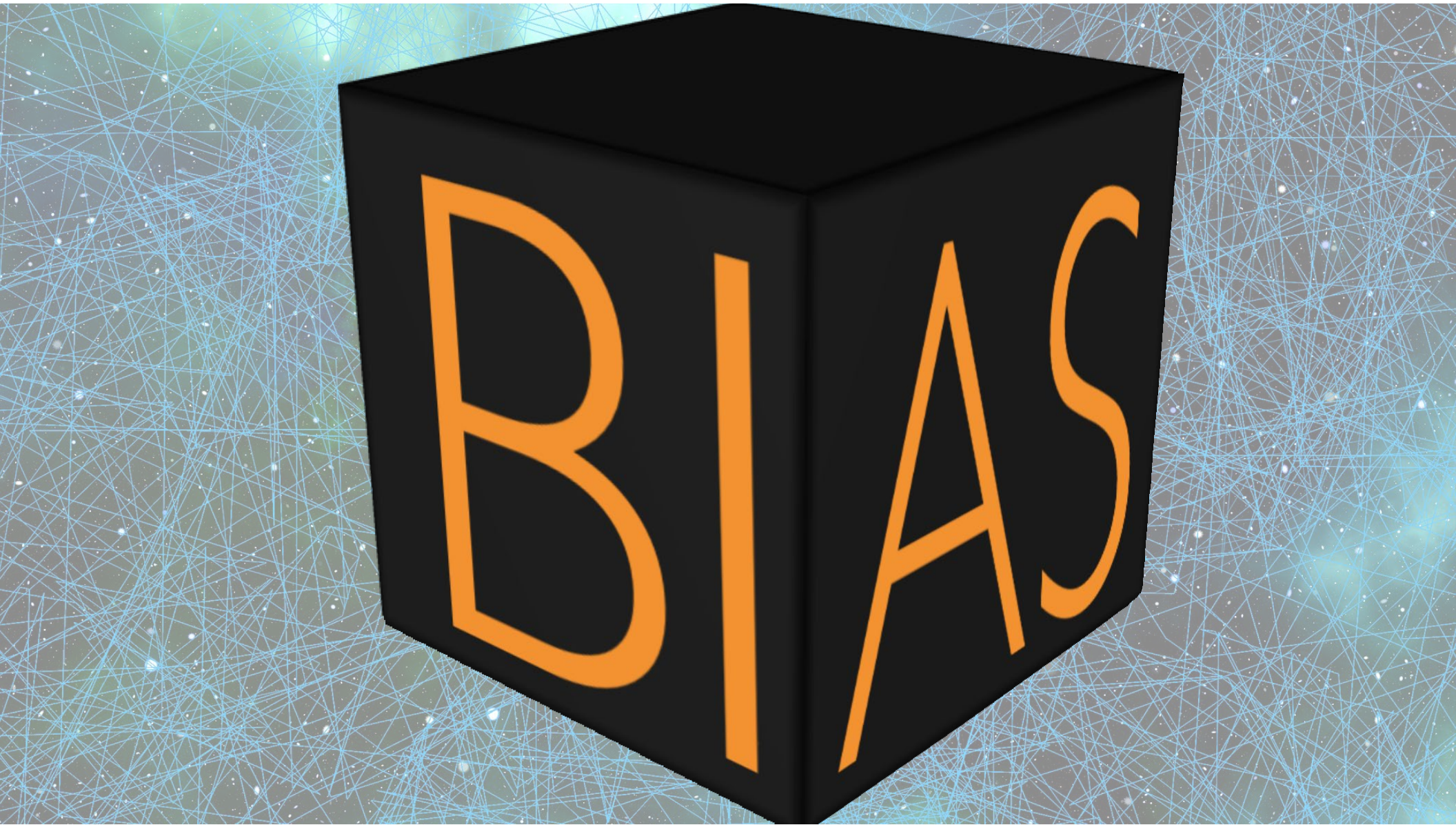
Conceptual Model

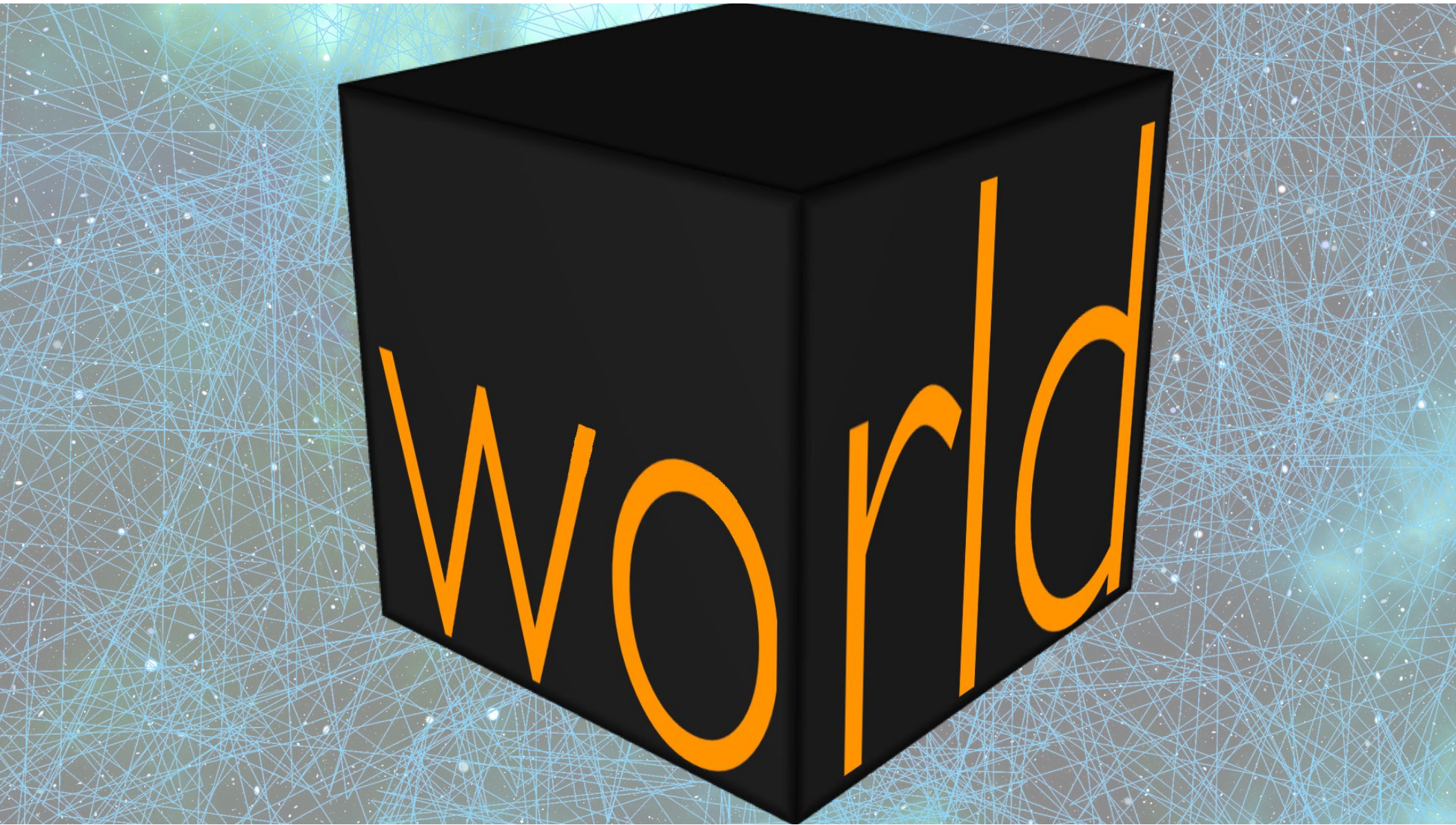


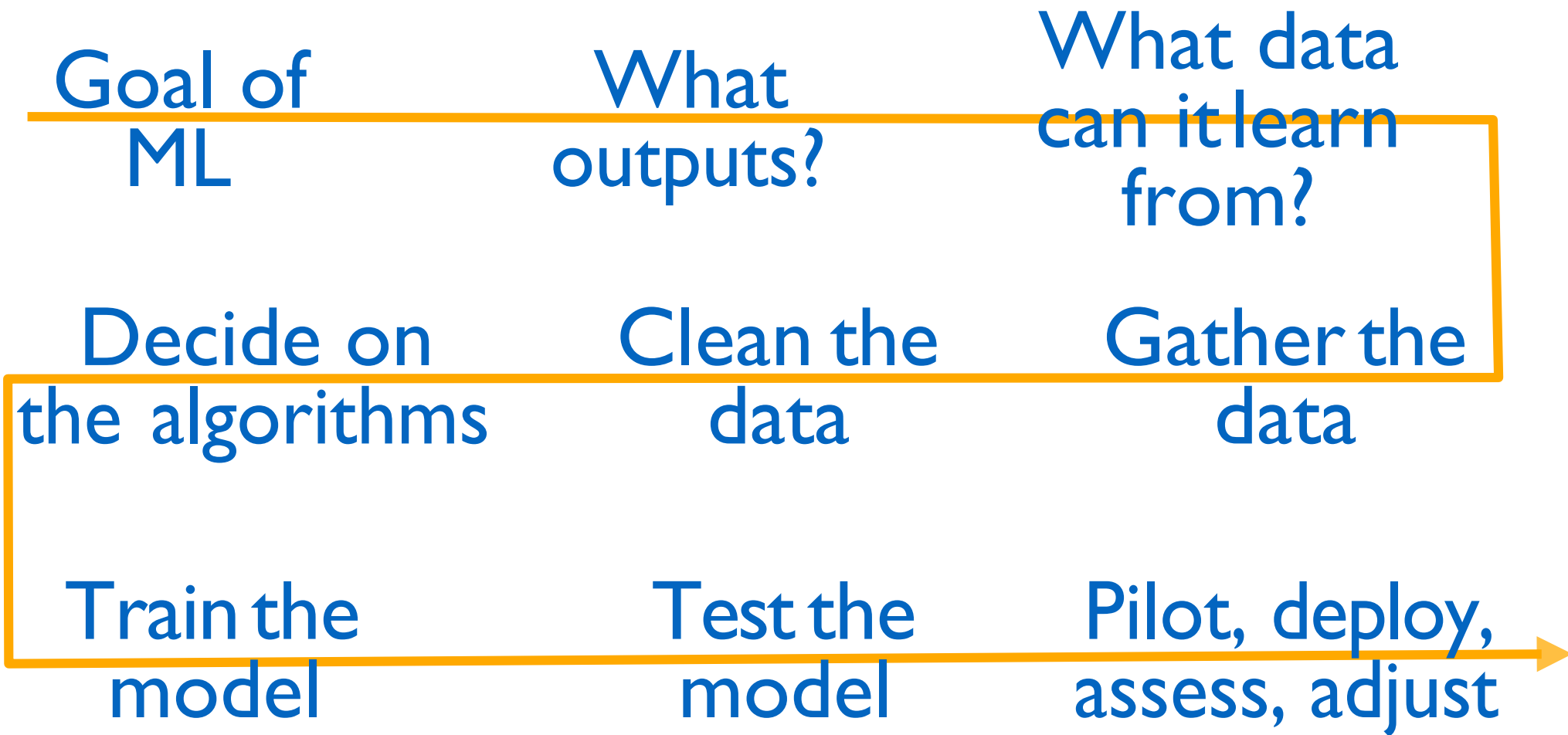


Particular over General









ML for Job Applications

Assume diverse and inequitable society

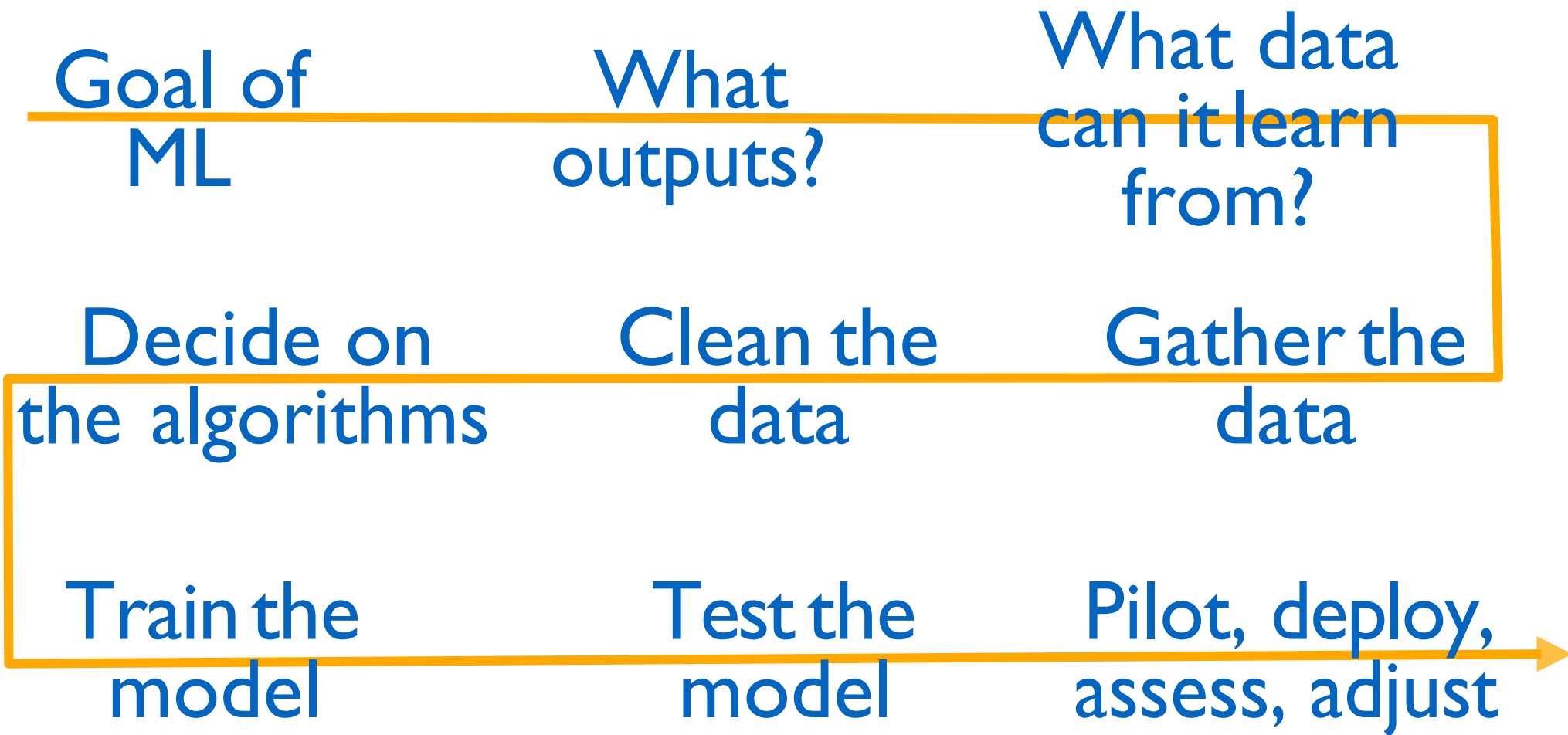
WHAT
COULD GO
WRONG?

BUSINESS NEWS OCTOBER 10, 2018 / 5:12 AM / A YEAR AGO

Amazon scraps secret AI recruiting tool that showed bias

SAN FRANCISCO (Reuters) - Amazon.com Inc's (AMZN.O) machine-learning specialists uncovered a big problem: their new recruiting engine did not like women.

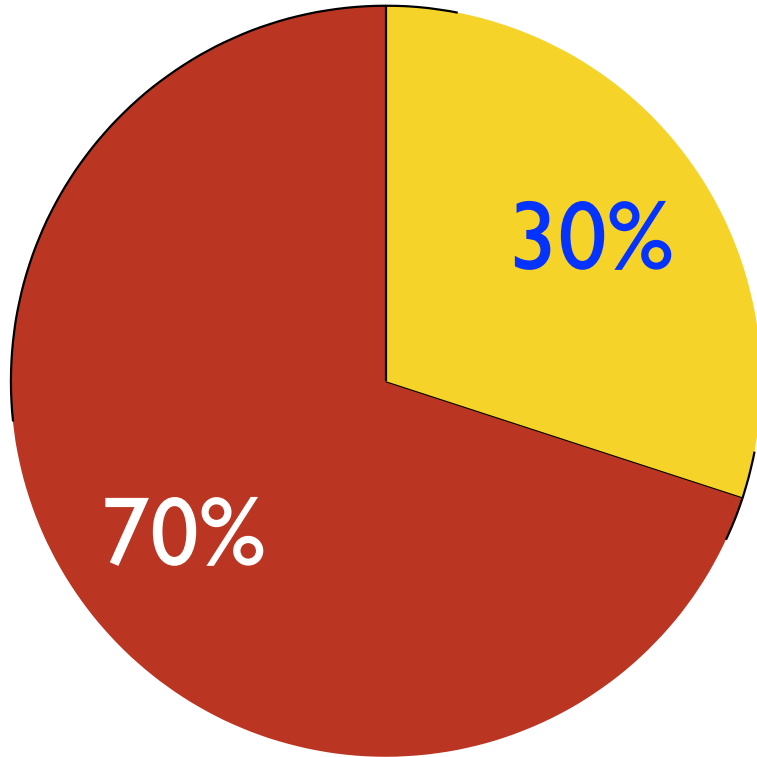
machine-learning specialists uncovered a big problem: their new recruiting engine did not like women.



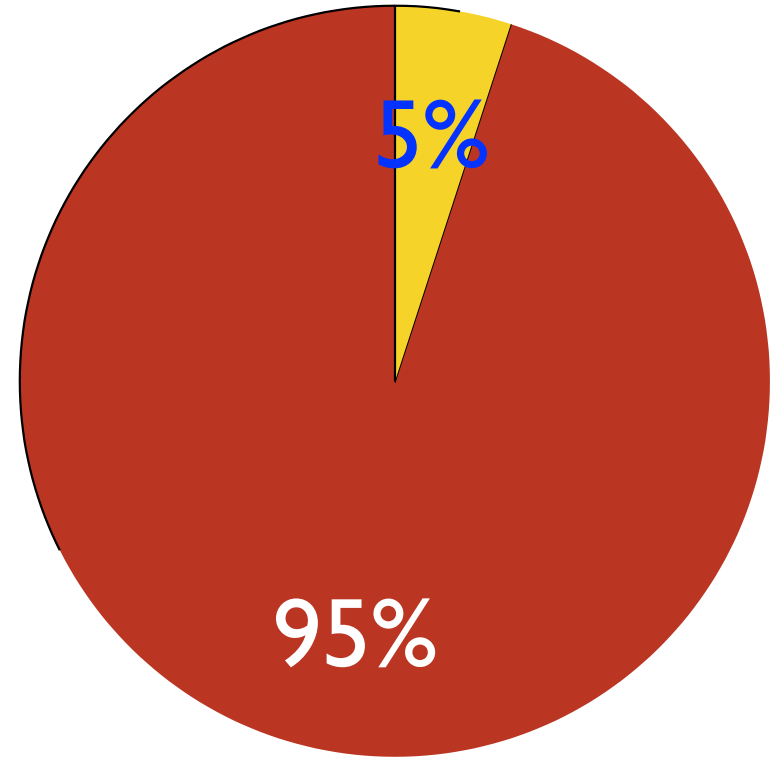
Fairness is far
more complex
than this!

(See my HBR article
in your folder.)

ML is
dumb.

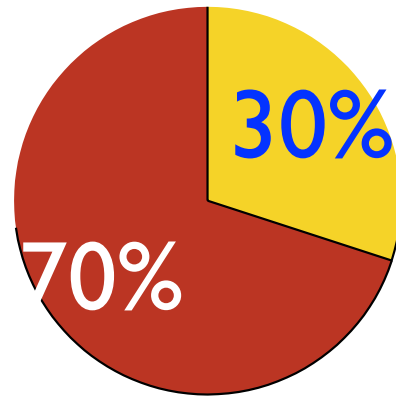


Applicants

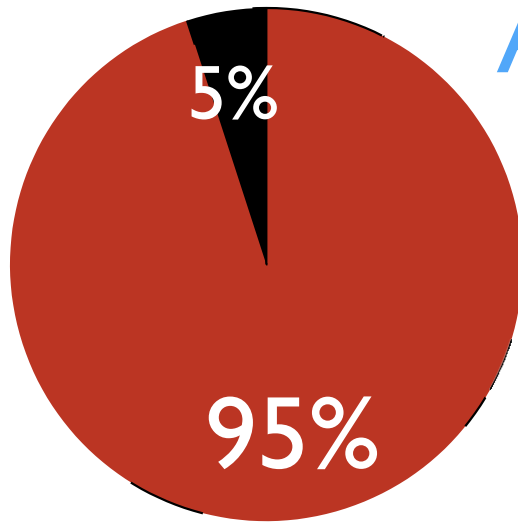


Approvals

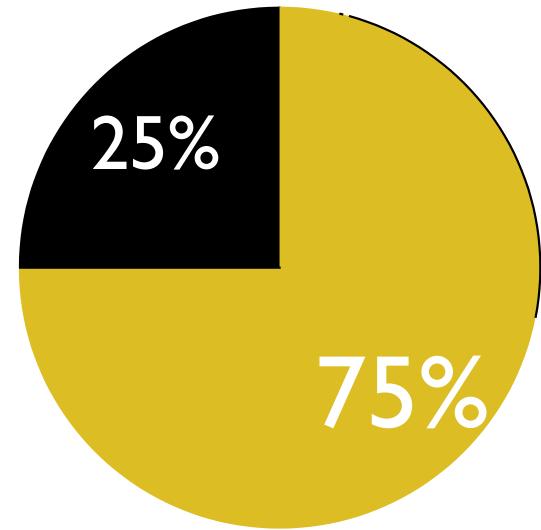
Gender- blind fairness



Approvals



Wrongly Denied:
Men



Wrongly Denied:
Women

ML's dumbness is
forcing us to
recognize fairness'
complexity.

Driverless Intelligent Vehicular Automaton

DIVA

Fatalities

Environmental impact

TROLLEY



Fatalities

Data Security

Environmental impact

shortest time

scenic route

smoothly

auto driving

personalized
comfort

useful services

On time

personalized
comfort

Carpooling

integrated
mobility

Tasks

Principles Consequences Values

We disagree.

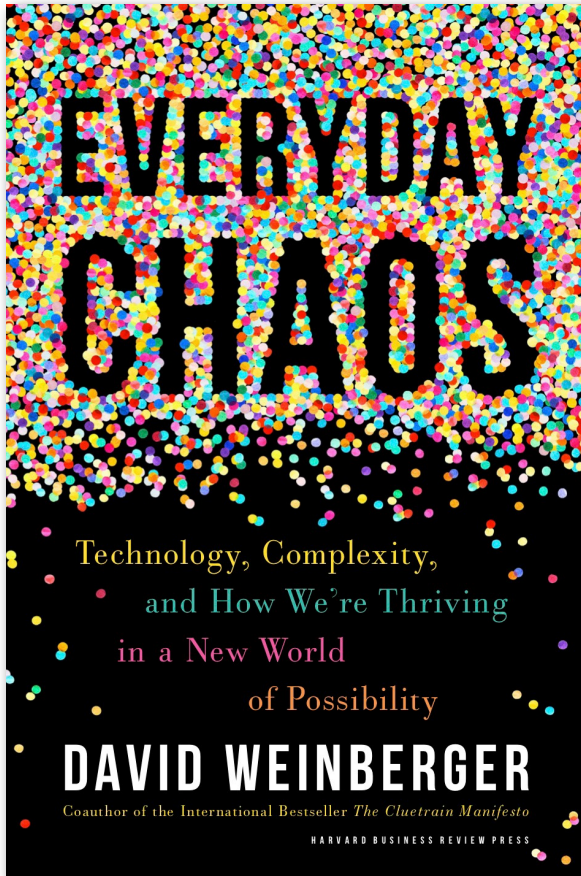
We argue.

We compromise

Morality according to Machine Learning

Complex Trade-offs Imperfect

Thank you.



David Weinberger

Book: EverydayChaosBook.com

Blog: www.JohoTheBlog.Com

Email: david@weinberger.org

Twitter: [dweinberger](https://twitter.com/dweinberger)