



DevOps Transformation –
the good,
the bad
and the *ugly*

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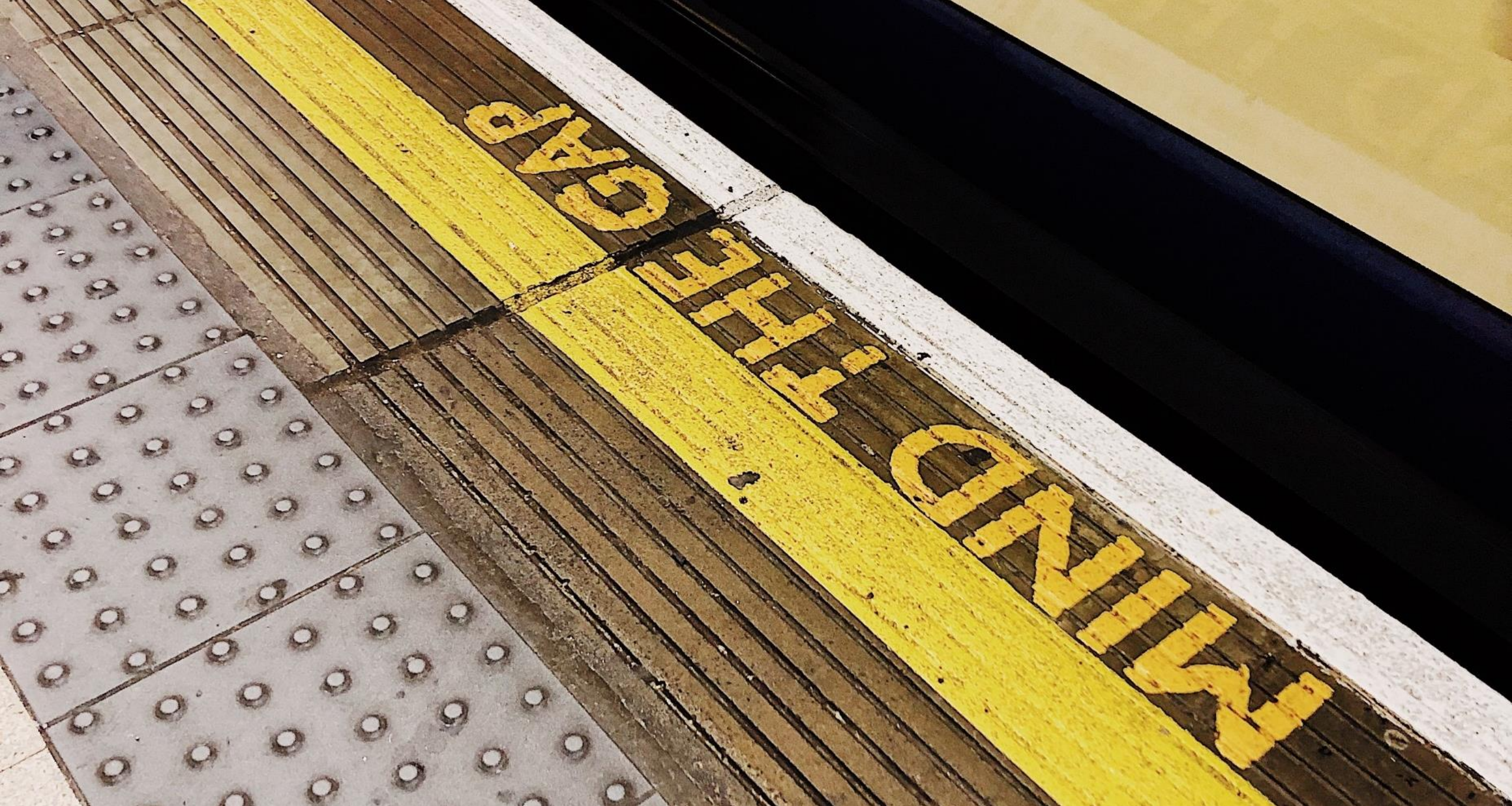
DevOps evangelist
in way of thinking

Software developer
by heart

Infrequent blogger
at <https://todorov.bg>

but also...

- » clean code fanatic;
- » speaker;
- » father of 3 boys;
- » karaoke enthusiast;
- » casual gamer;



DEVOPS



DARE TO
DREAM

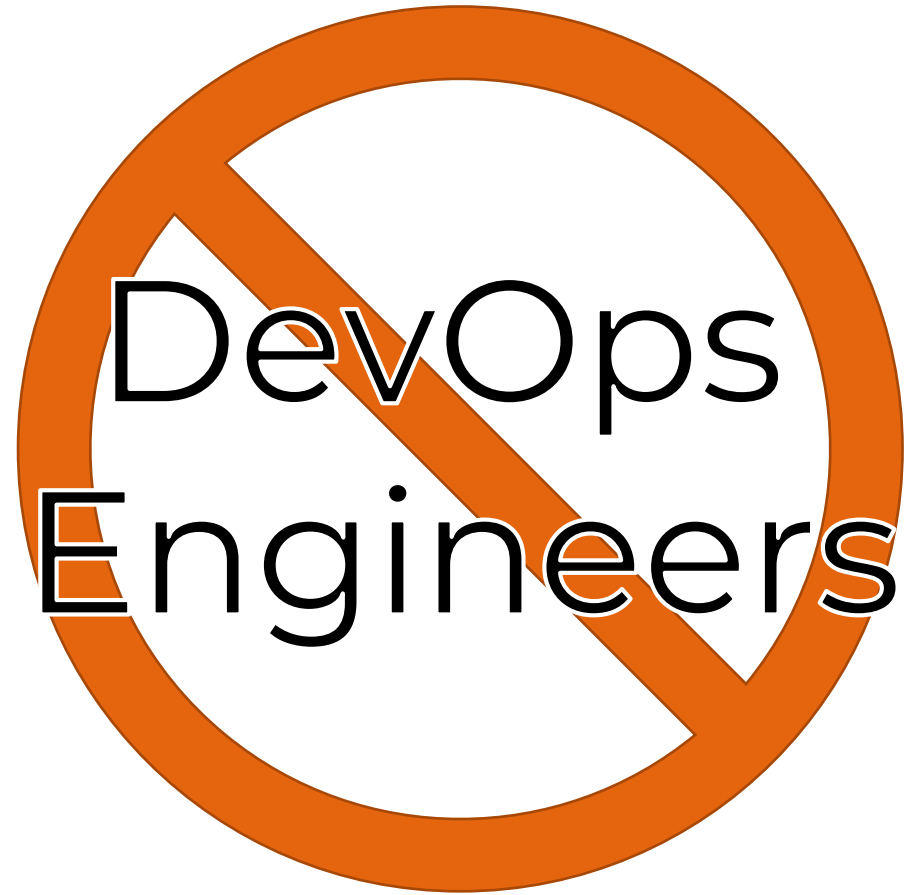


What DevOps
is NOT?

DevOps !=



DevOps !=







Operations

Development



Operations

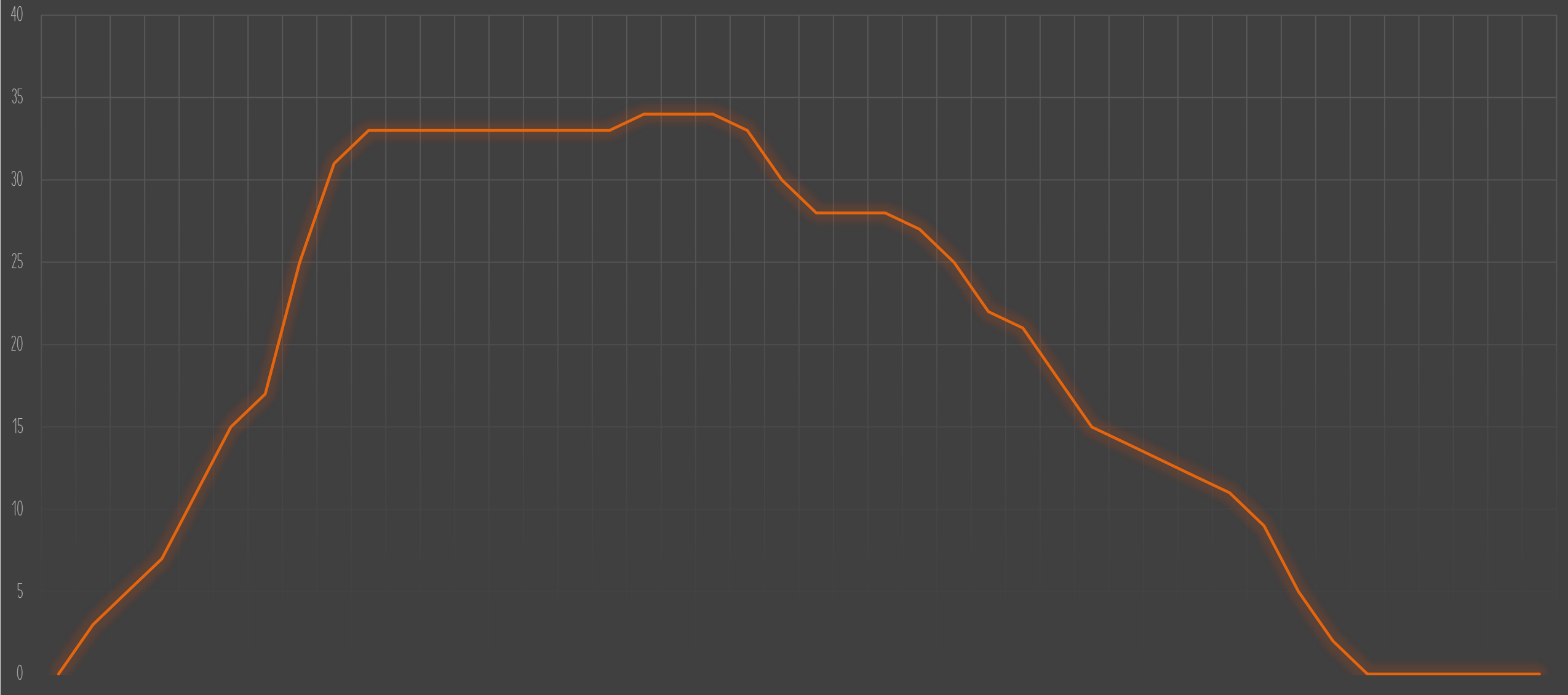
Development

Security



My super scientific curve of DevOps transformation work to do [®]_©

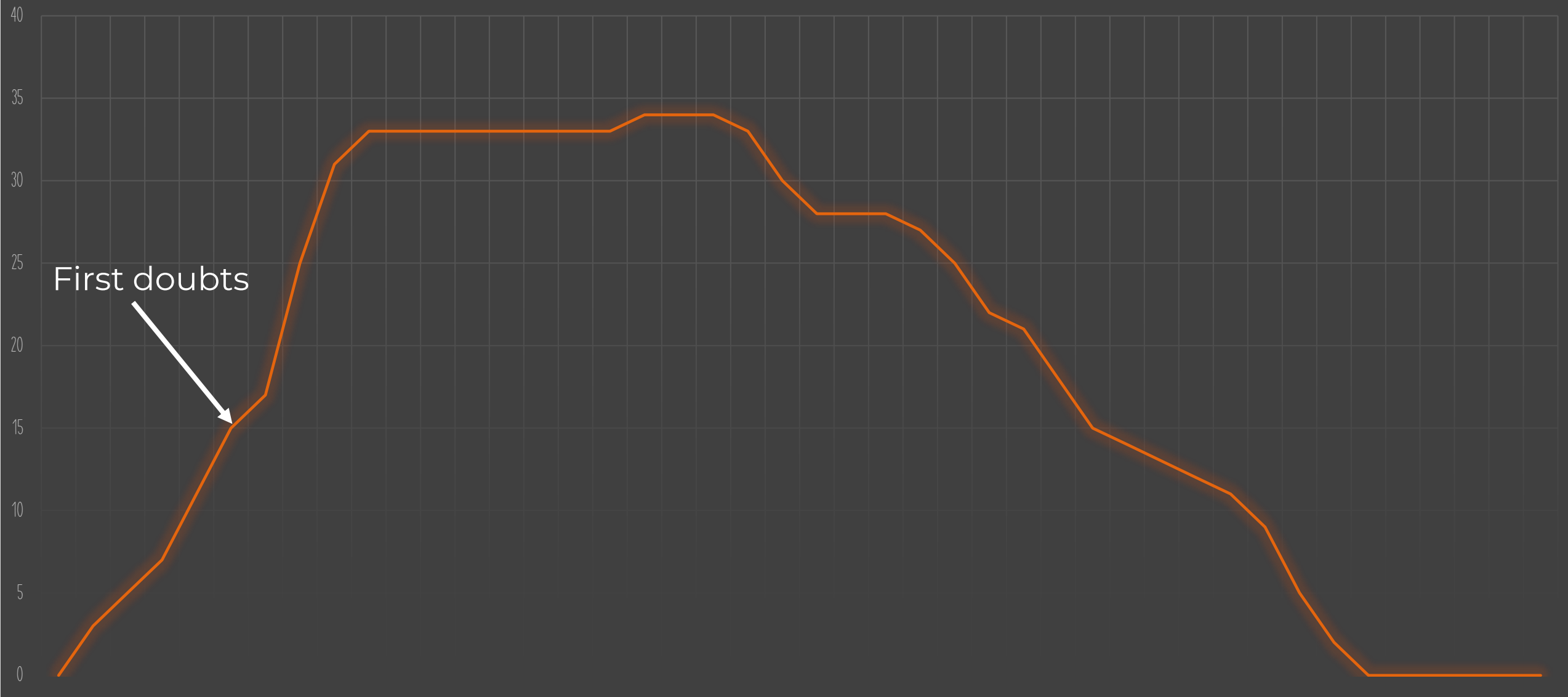
— Work



My super scientific curve of DevOps transformation work to do [®]_©

— Work

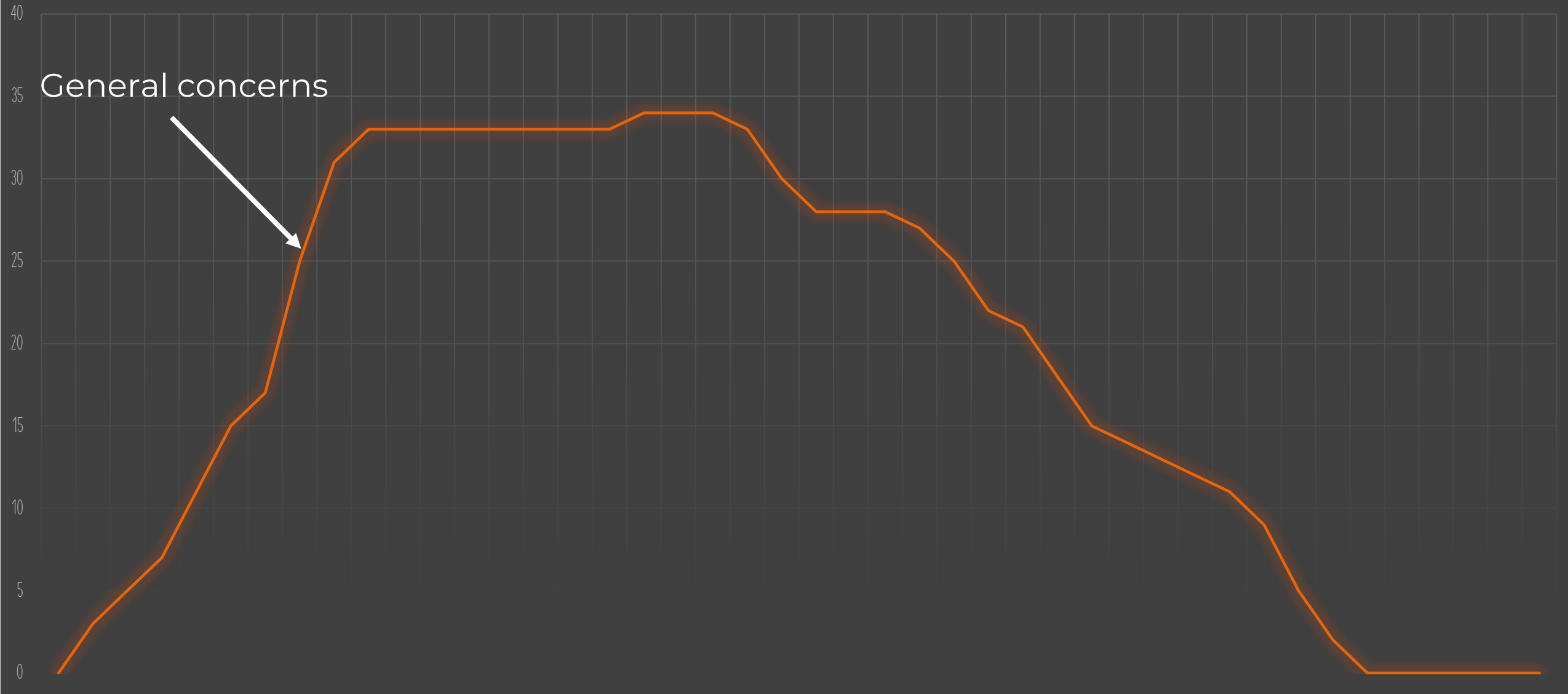
First doubts



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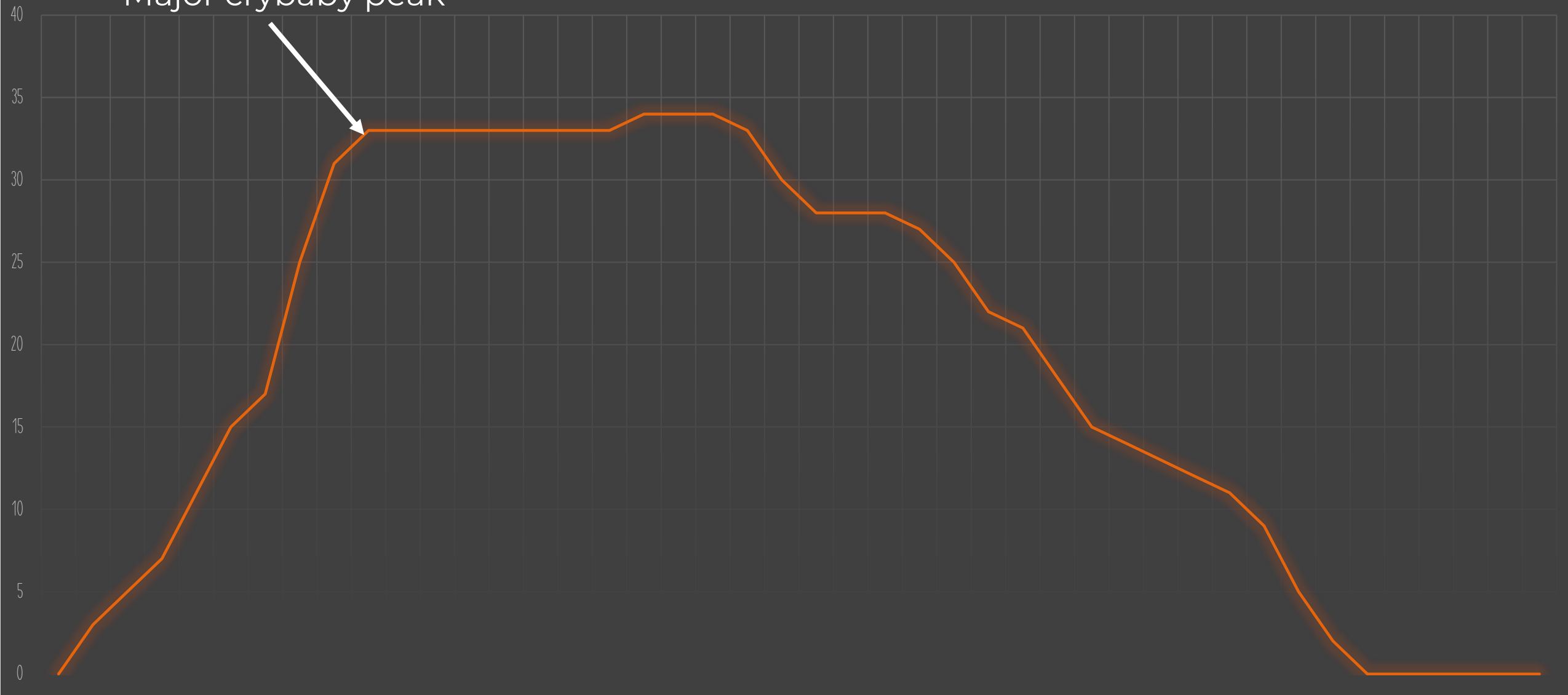
General concerns



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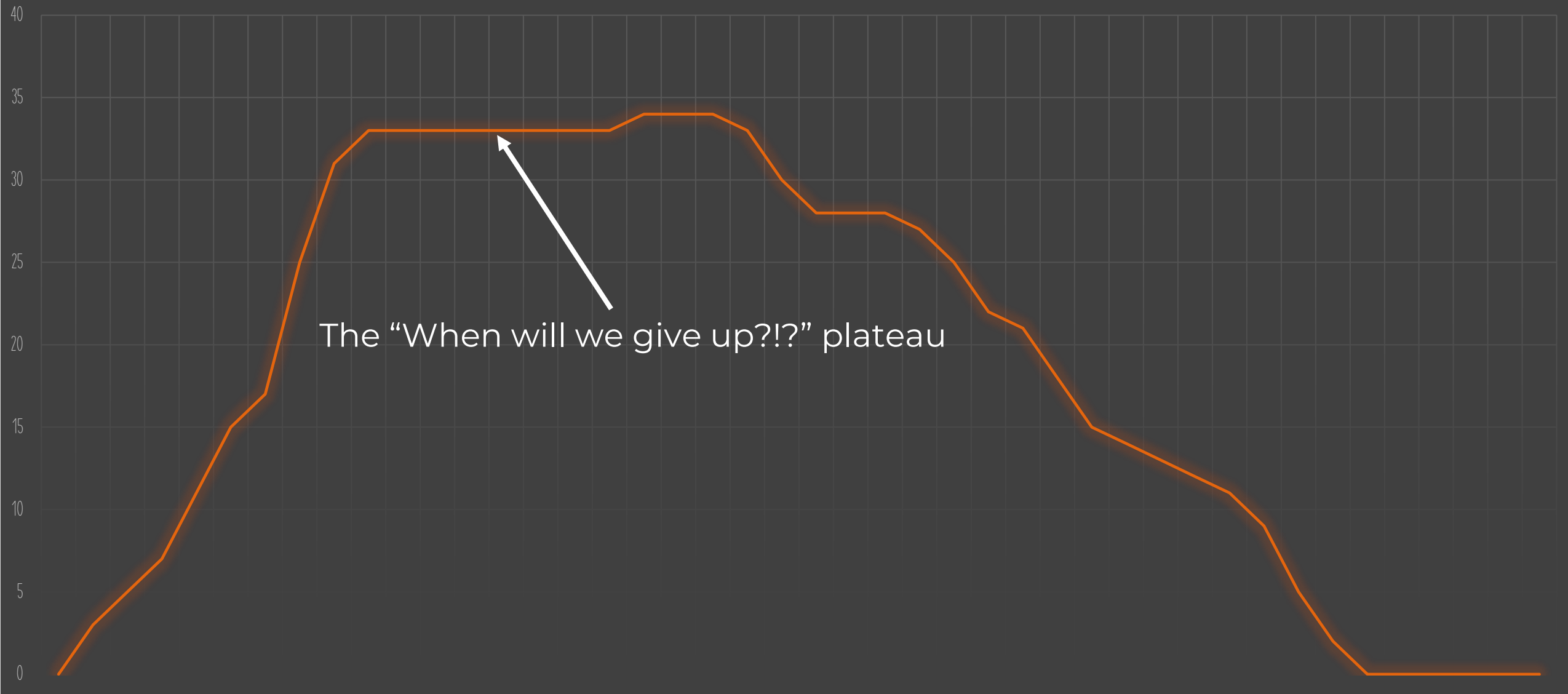
— Work

Major crybaby peak



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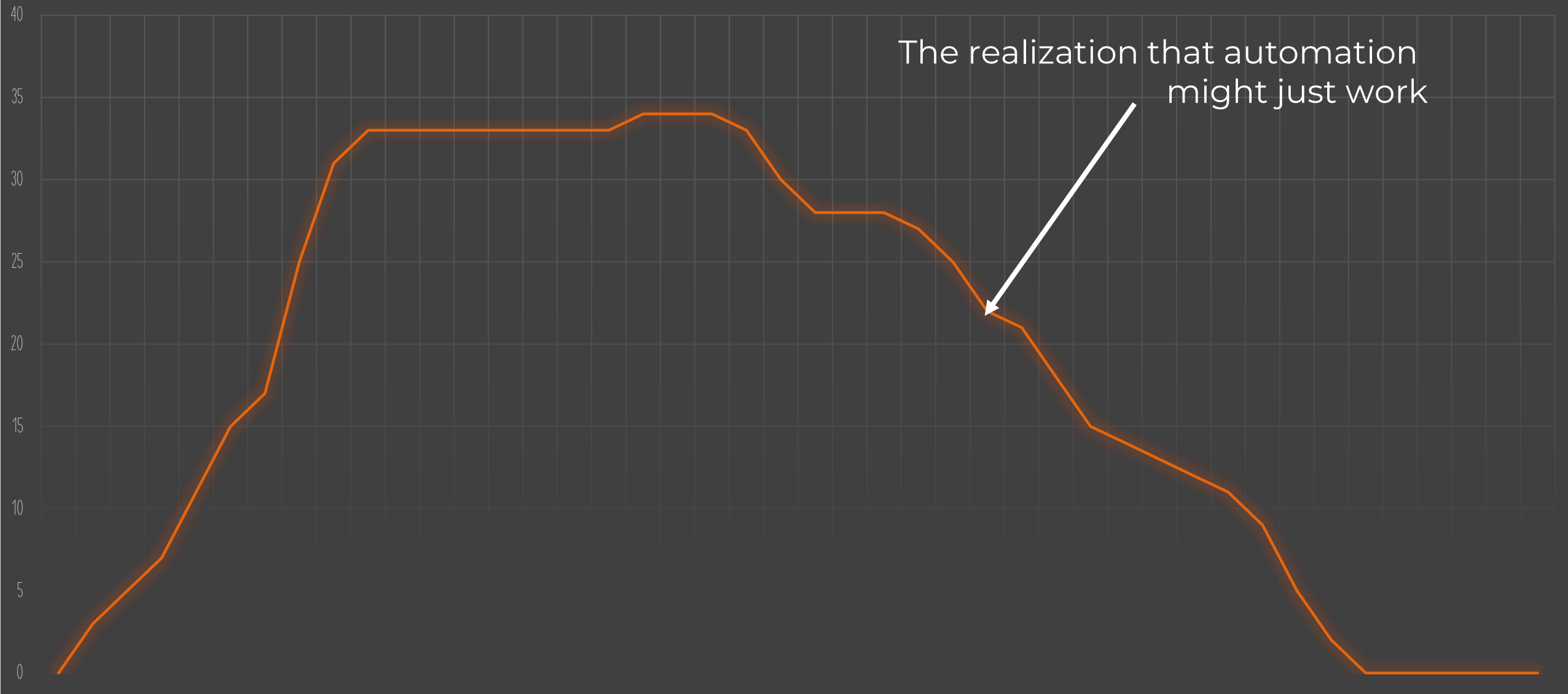
My super scientific curve of DevOps transformation work to do [®]_©

— Work



My super scientific curve of DevOps transformation work to do

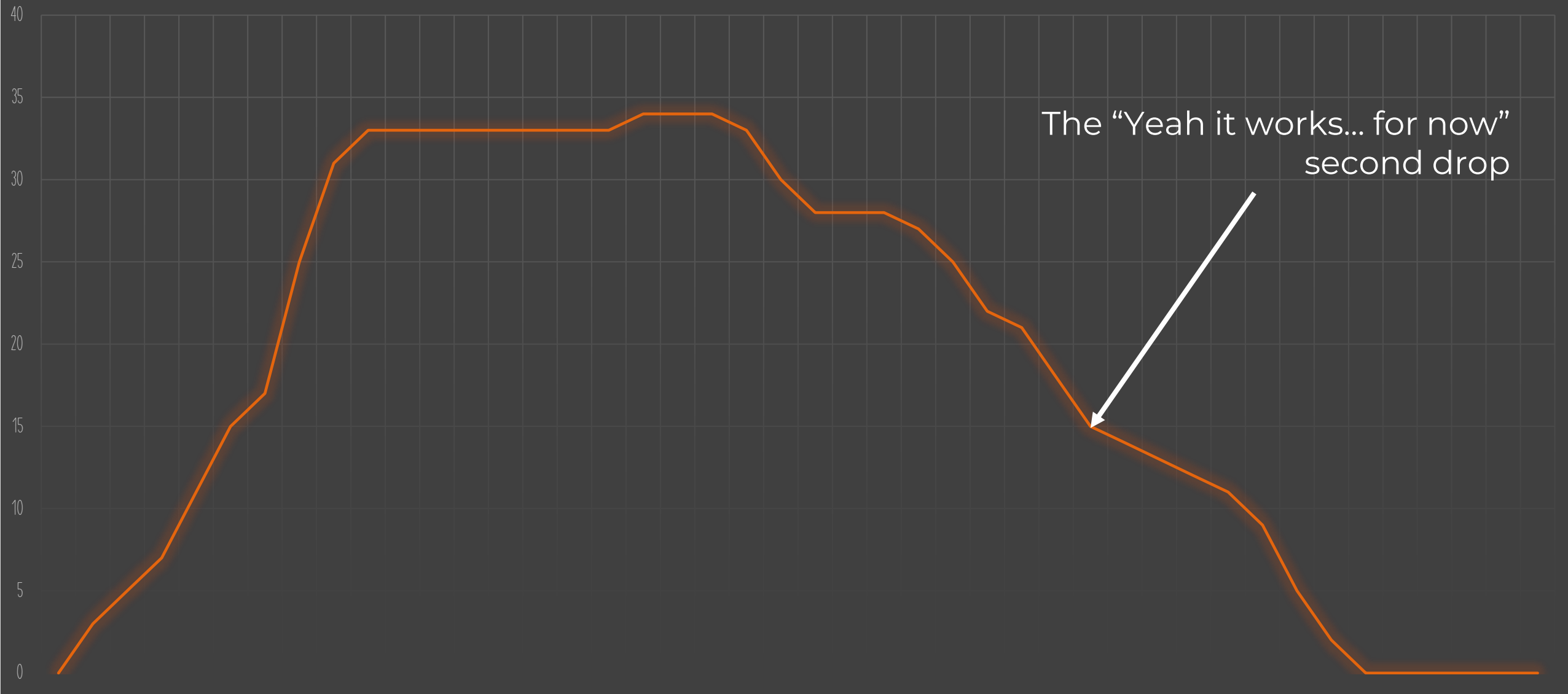
— Work



The realization that automation might just work

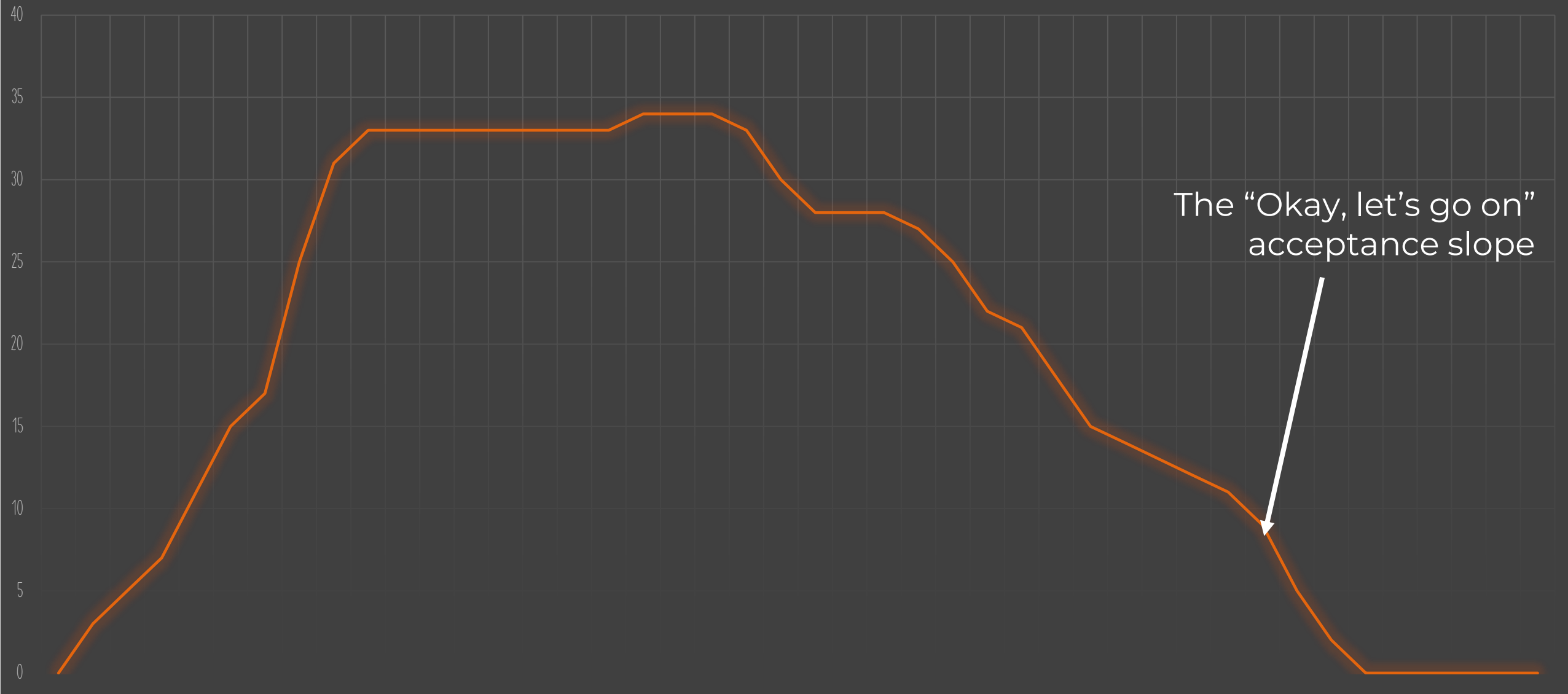
My super scientific curve of DevOps transformation work to do

— Work



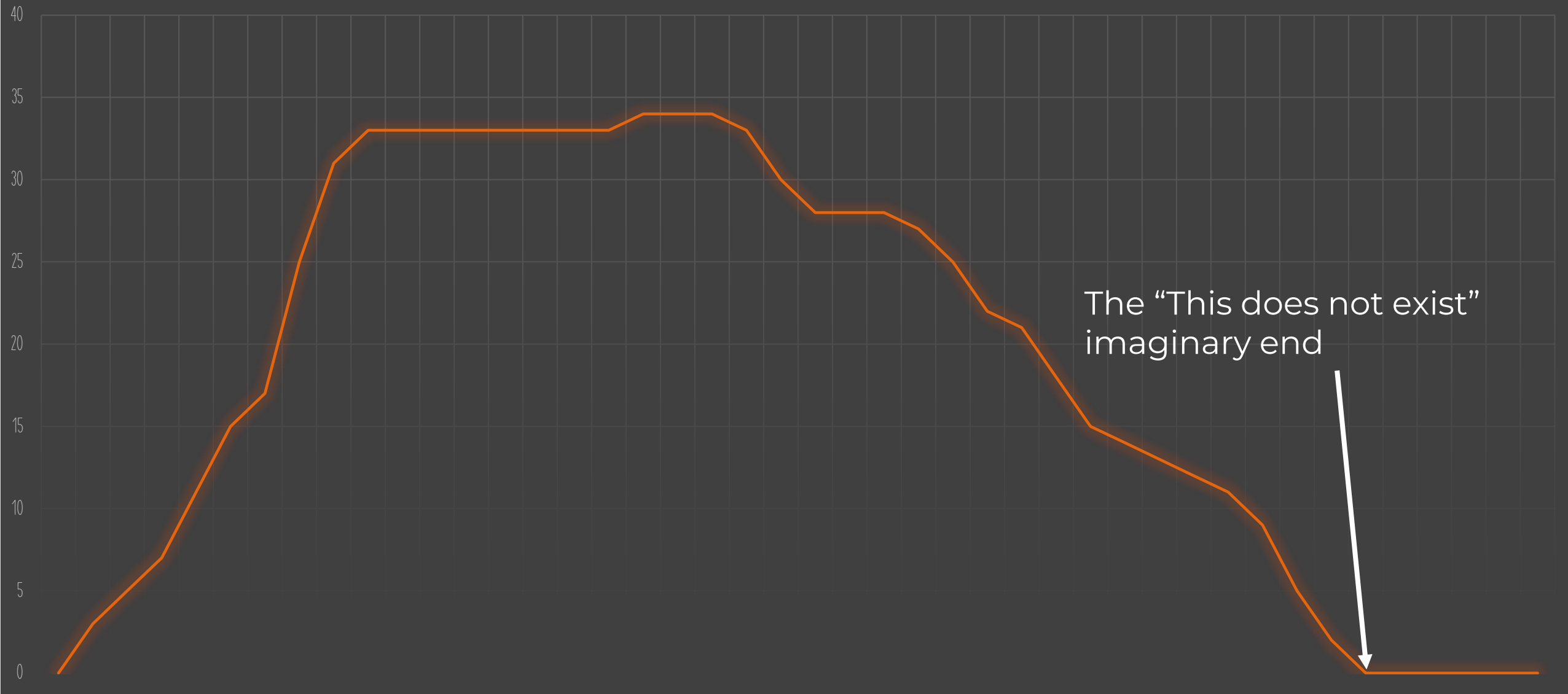
My super scientific curve of DevOps transformation work to do

— Work



My super scientific curve of DevOps transformation work to do

— Work



The "This does not exist"
imaginary end

people are *different*

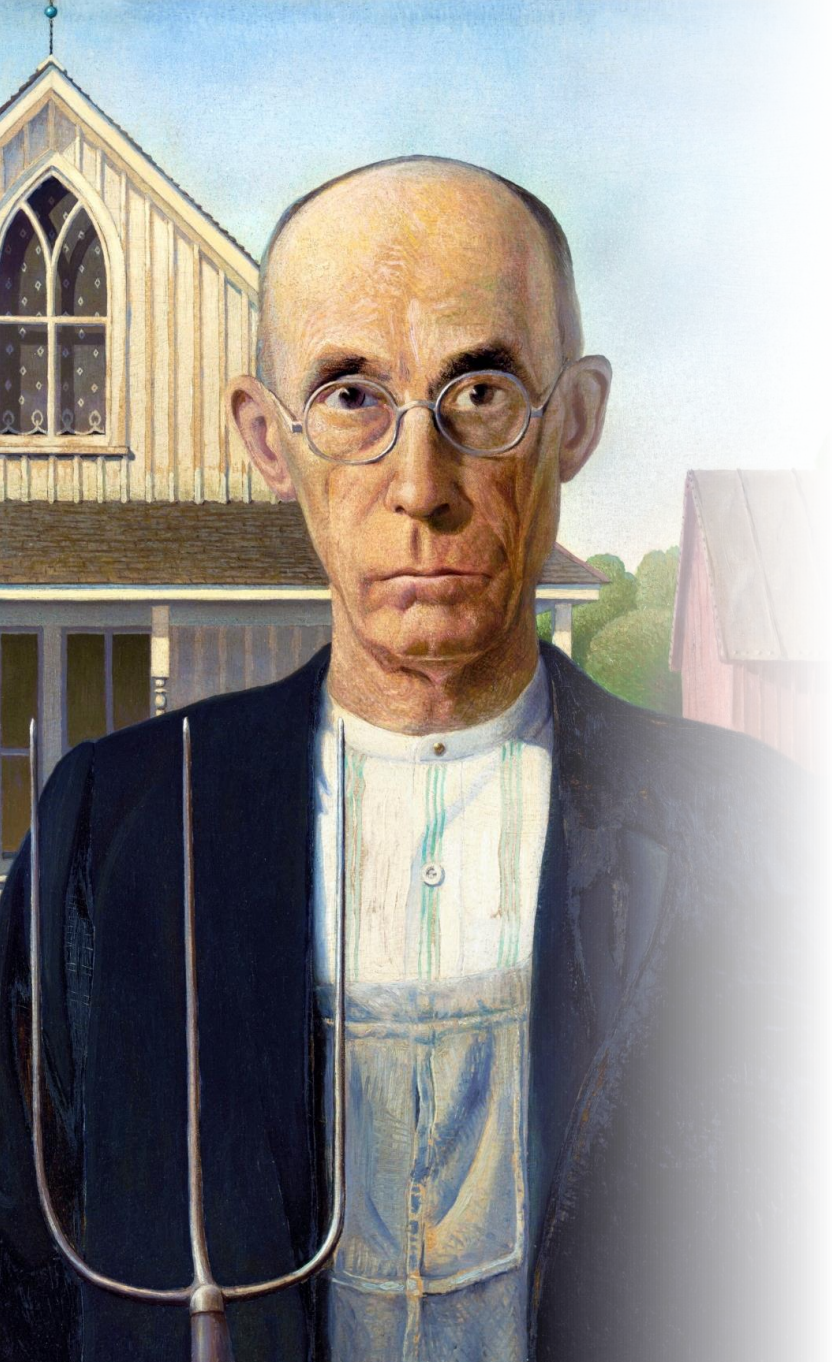




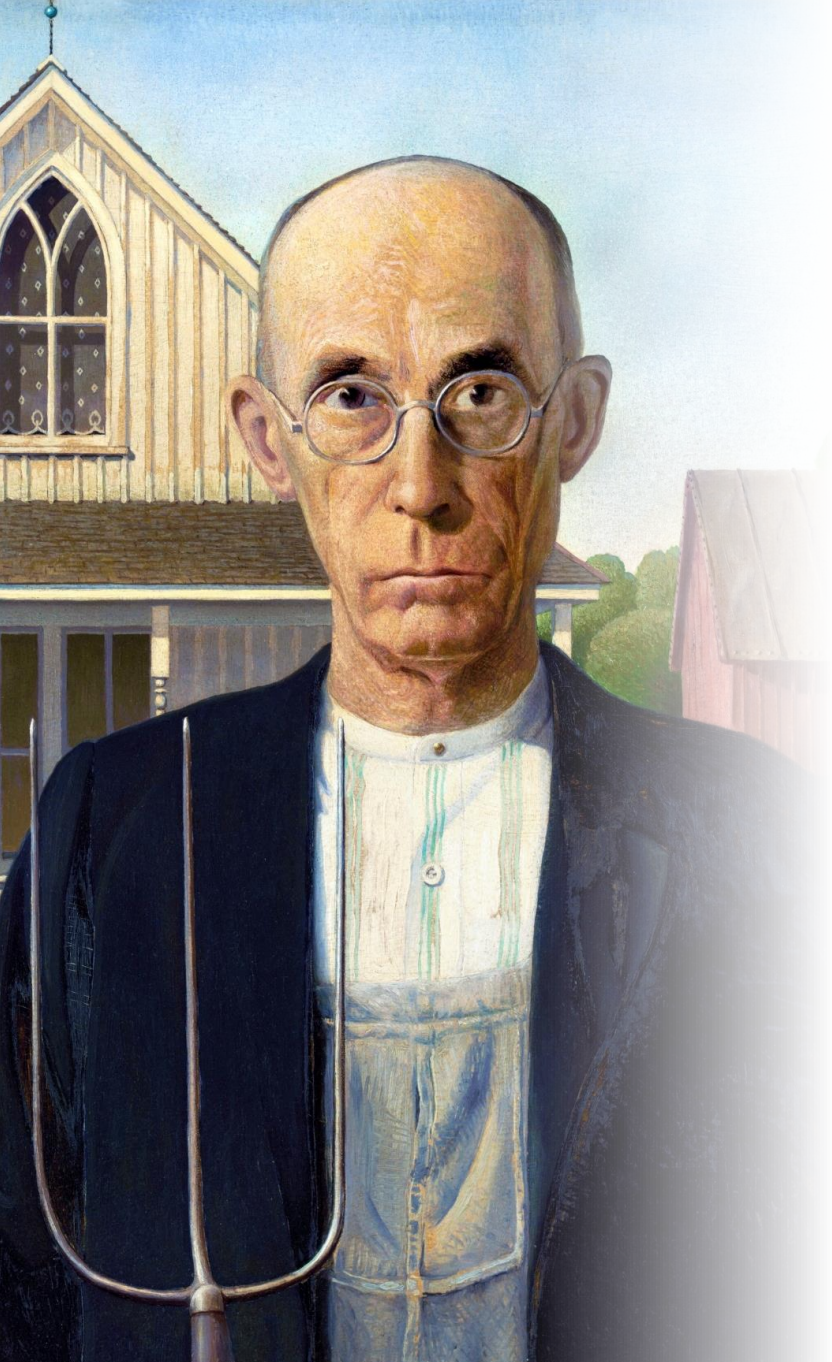


The different personas on your DevOps journey



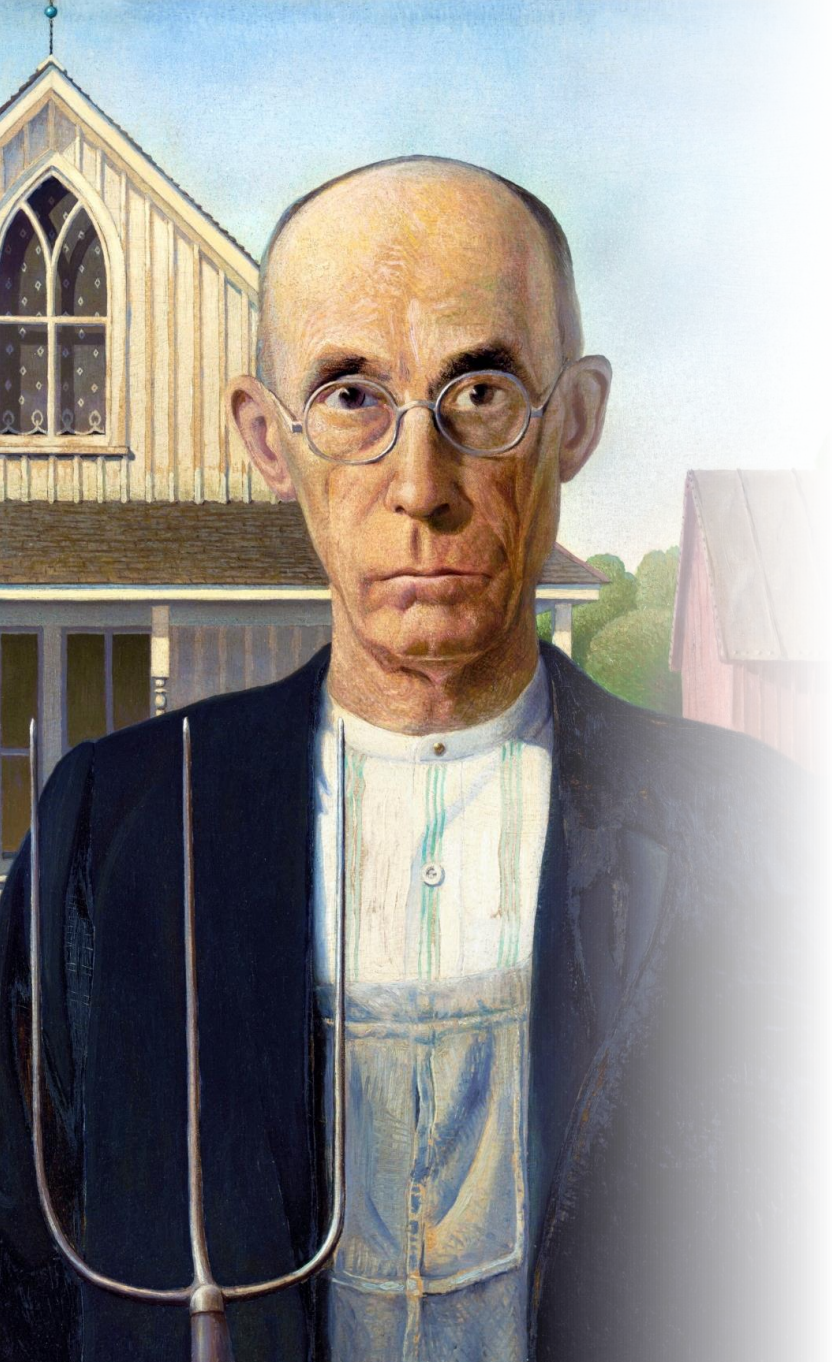


The “old-timer”



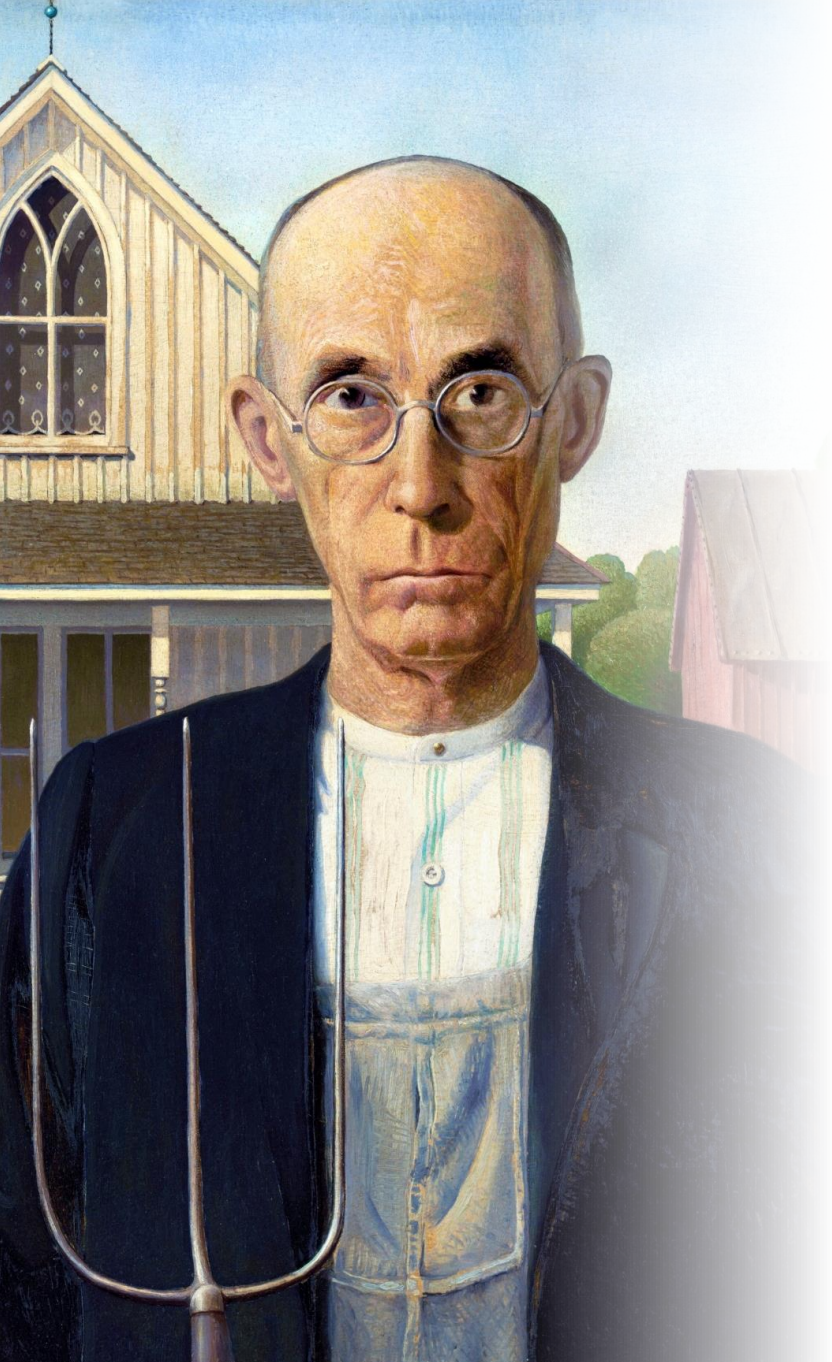
How to identify them

- ∩ More than **15-20 years** of experience
- ∩ Senior developer, Tech or Team lead
- ∩ **Skeptical** about DevOps and operational work in general
- ∩ Strong believer in **specialization**
- ∩ **Perfectionists**, always getting into the details



Some catchphrases

- ⌘ "This will never work"
- ⌘ "I don't have the time to do everything"
- ⌘ "Most of the developers have no clue what they do"



Now
What?



The
"full bananas"

How to identify them



- DevOps-coholic
- Takes everything to **extremes**
- Very **proactive** and **optimistic**
- Can be **annoying** sometimes
- Usually, a “go to” person for **advice** on DevOps tools
- **People-centric** persona
- Complete **opposite** of the “old-timer”

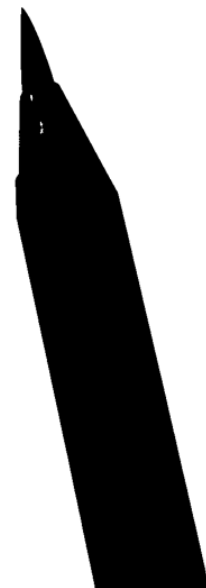
Some catchphrases



- ☞ "That is not so hard. You can do everything simultaneously"
- ☞ "Technical debt is the silent killer"
- ☞ "DevOps will set us free"



Now
What?





The “young hope”



How to identify them

- ∞ Fresh **young** people with **desire** to **learn**
- ∞ **Juniors** or recently became seniors
- ∞ **Enthusiastic** and want to do **new stuff**.
- ∞ **Researches** are usually assigned to them
- ∞ **Legacy** code **scares** them



Some catchphrases

- ∞ "I can do that, I'll just Google it for a bit"
- ∞ "Everything new and cutting edge is exciting stuff"
- ∞ "Maybe this can be automated"



Now
What?





The “pragmatic”



How to identify them

- ④ Usually, they are either in **managerial** position or **senior** developers
- ④ **Skilled** and with extensive **experience**
- ④ Give **opinions** backed by **arguments**
- ④ Play it **safe** and risk **as little** as possible

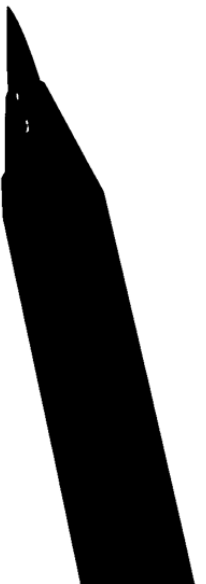


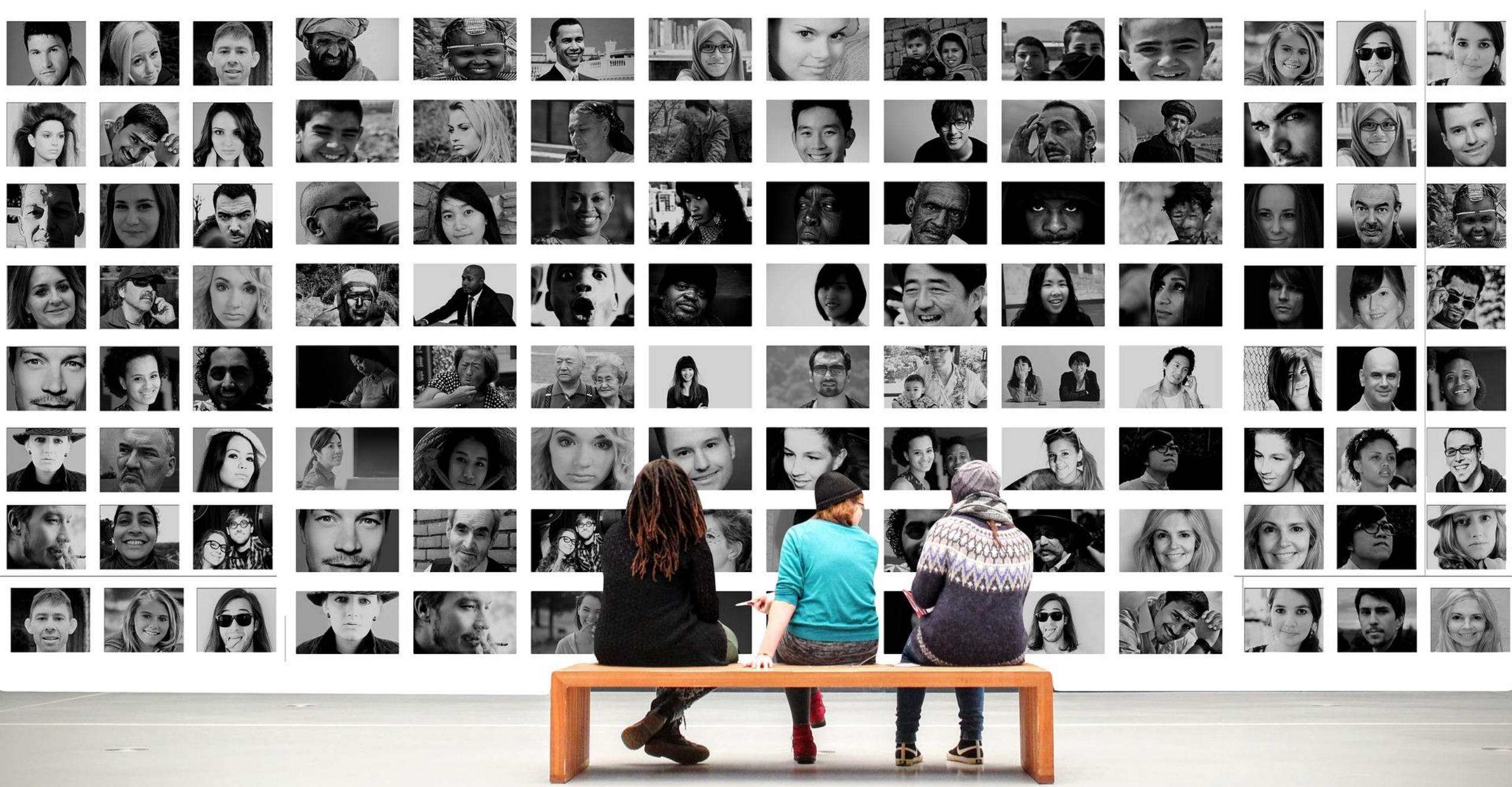
Some catchphrases

- Ⓟ “We tried that already, it did not work”
- Ⓟ “Experimenting is OK, gambling is not”
- Ⓟ “I prefer going slowly, instead of failing quickly”



Now
What?





So...



Accelerate

State of DevOps 2021



<https://services.google.com/fh/files/misc/state-of-devops-2021.pdf>

*“...culture is one of the top
drivers of organizational
and IT performance.”*

- Accelerate State of DevOps 2021



The ROI of DevOps Transformation



<https://cloud.google.com/resources/roi-of-devops-transformation-whitepaper>

Aol.

In 2008, Gene Kim and Eric Passmore were working at AOL.

Gene says: "It took [months] for the ops team to update the Linux kernel from 2.4 to 2.6"

They realized this was much more than a Dev or Ops problem - it was a business problem.

They managed to improve deployment time from six hours to 45 minutes, removing bottlenecks in the process.

[*The ROI of DevOps Transformation*](#)
by Google

Conclusion

Transformation
Pays Off

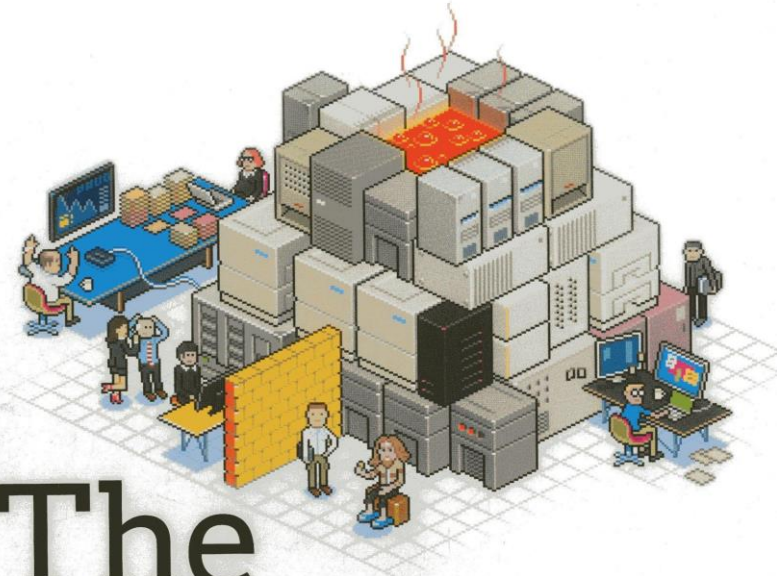
[The ROI of DevOps Transformation](#)
by Google

Luke:
I can't
believe
it.



Yoda:
That is
why
you fail.

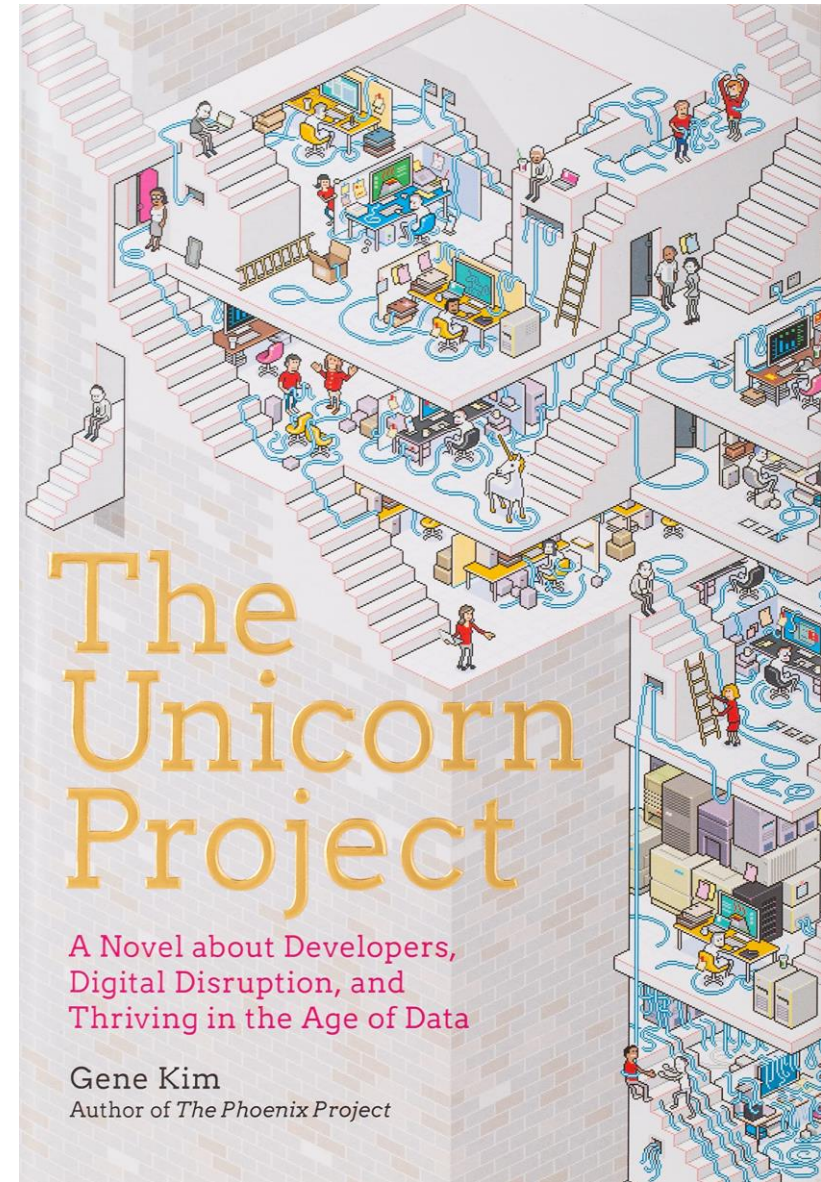
From the authors of *The Visible Ops Handbook*



The Phoenix Project

A Novel About IT, DevOps,
and Helping Your Business Win

Gene Kim, Kevin Behr, and George Spafford



The Unicorn Project

A Novel about Developers,
Digital Disruption, and
Thriving in the Age of Data

Gene Kim
Author of *The Phoenix Project*

Thank you! (●'∪'●)

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