Webinar: Sådan kommer du i gang med kunstig intelligens

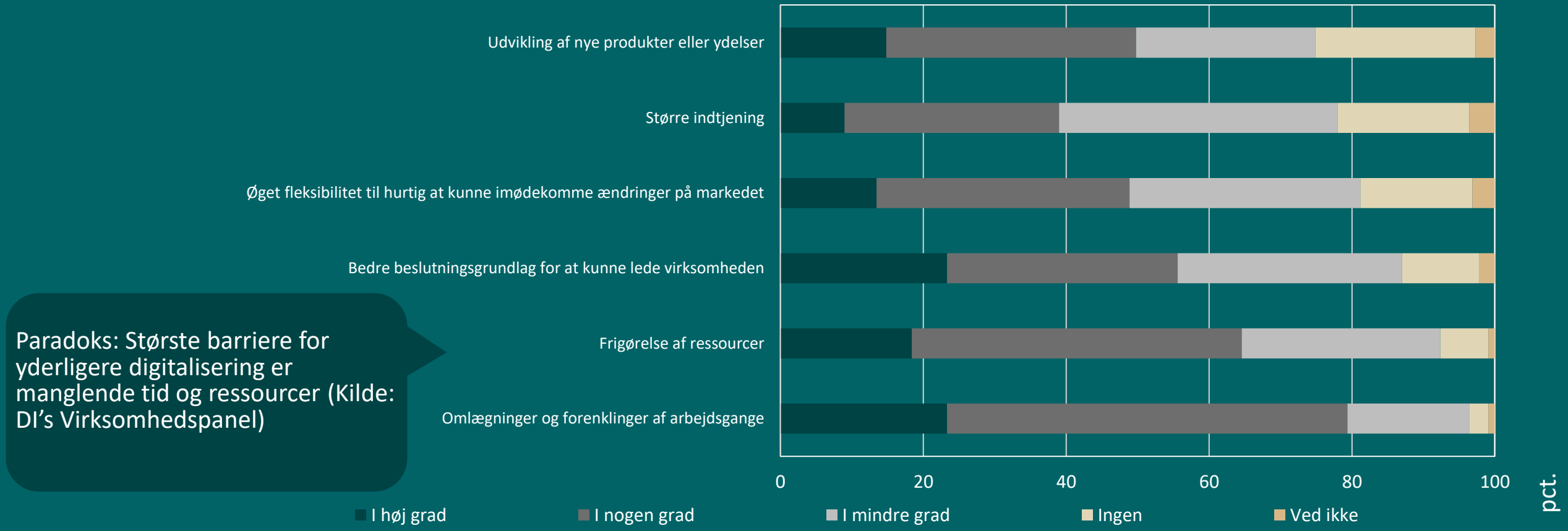
Digital

Praktisk

For spørgsmål: skriv til chhn@di.dk eller kmp@damvad.com eller i chatfunktionen
Slides tilsendes de tilmeldte efter webinaret.
Webinaret kan ses på DI Digitals videokanal bagefter.

”Kunstig intelligens? Er det ikke sådan noget fra Terminator 2?”

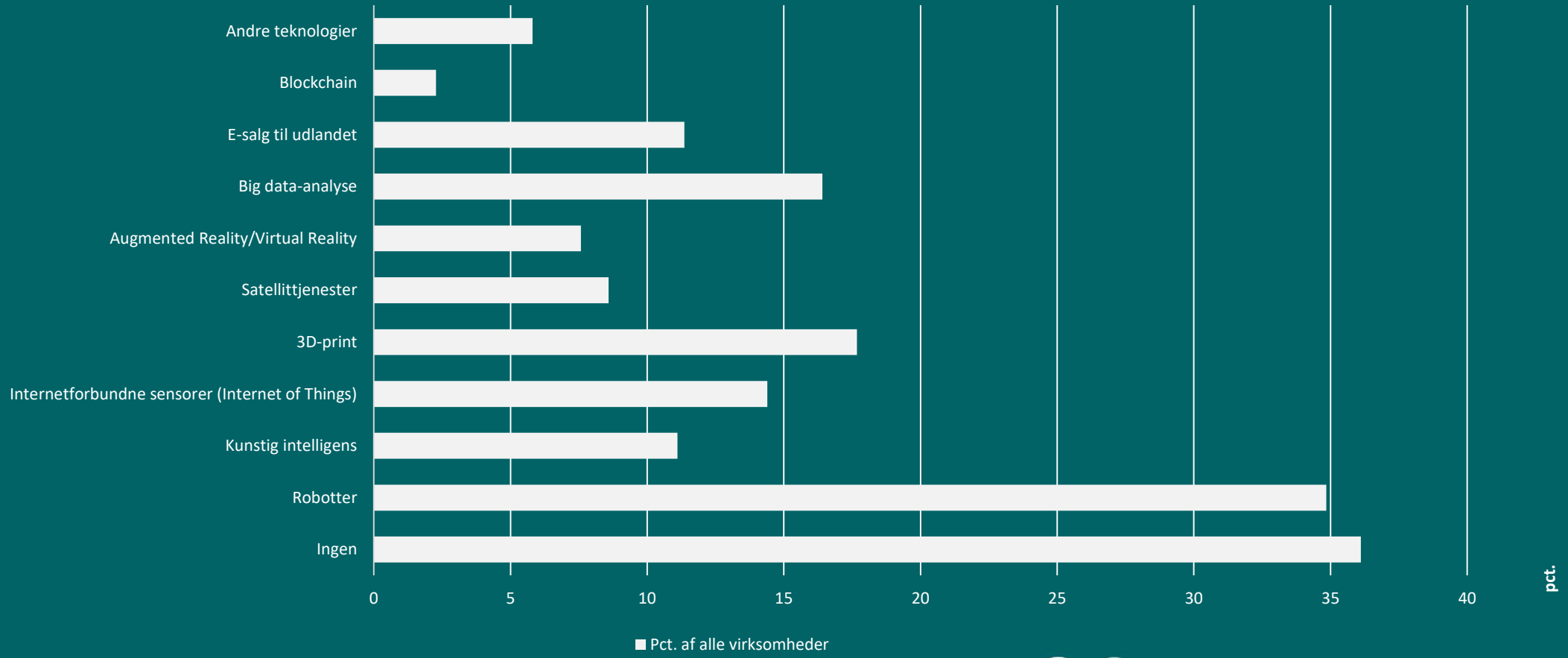
Fordelene ved ny teknologi er der…



Paradoks: Største barriere for yderligere digitalisering er manglende tid og ressourcer (Kilde: DI's Virksomhedspanel)

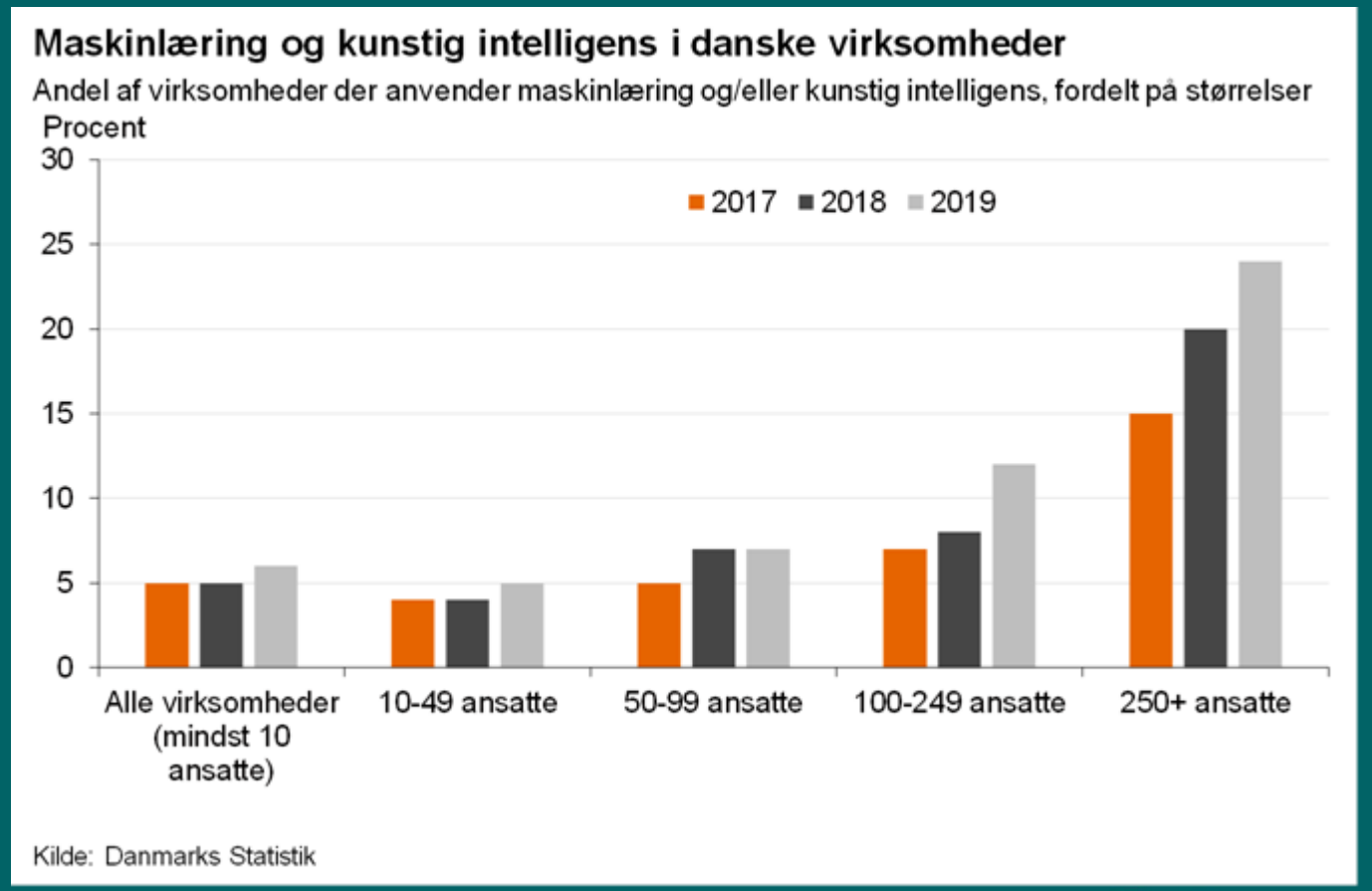
Spm.: I hvor høj grad har du opnået fordele ved de seneste to års digitaliseringsprojekter?
Anm: Kun virksomheder der har haft projekter har fået spørgsmålet (n=223 virksomheder)
Kilde: DI's Virksomhedspanel Q3 2019

… men over en tredjedel bruger slet ikke de avancerede digitale teknologier



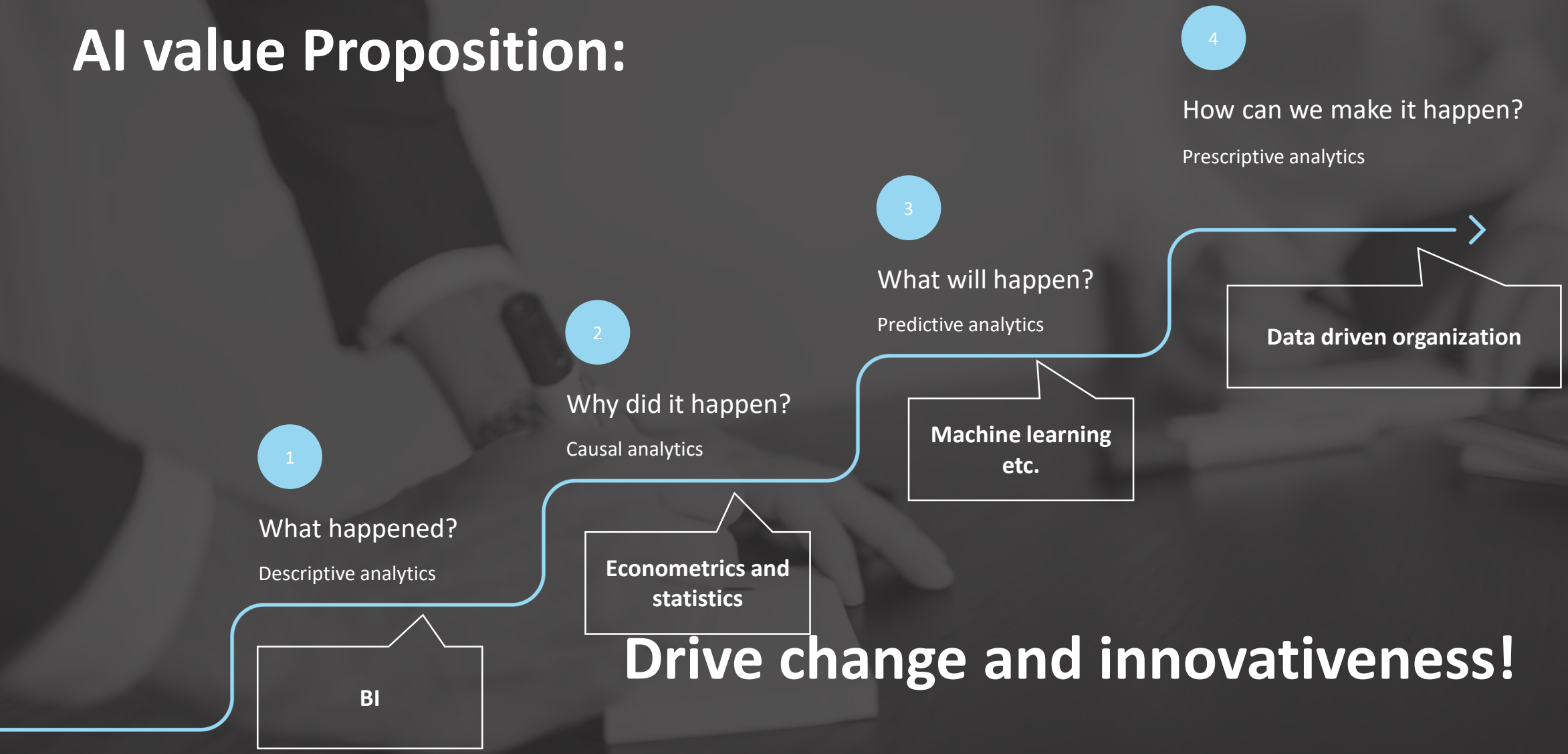
Anm.: Det har været muligt for virksomheden at angive flere teknologier.
Spm: Hvilke avancerede digitale teknologier anvender din virksomhed?
Kilde: DI's Virksomhedspanel Q3 2019, n=396

Kunstig intelligens er stadig for de få – og mest for de større



Sådan kommer I i gang med kunstig intelligens

AI value Proposition:

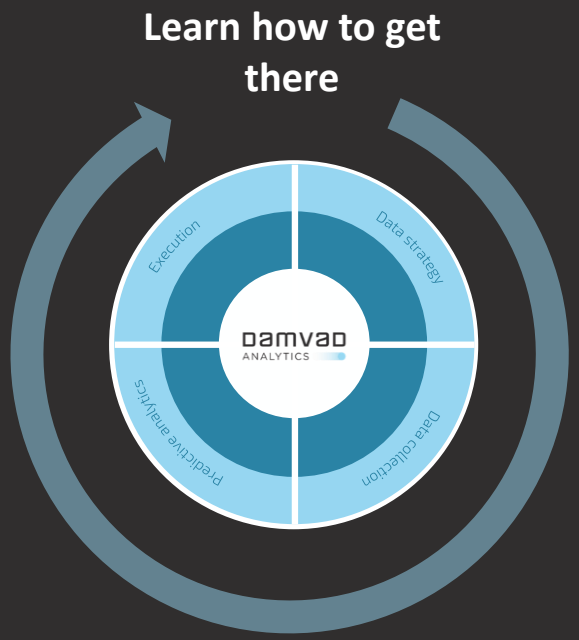


Drive change and innovativeness!

AI is end-to-end solutions running in production

Make it work

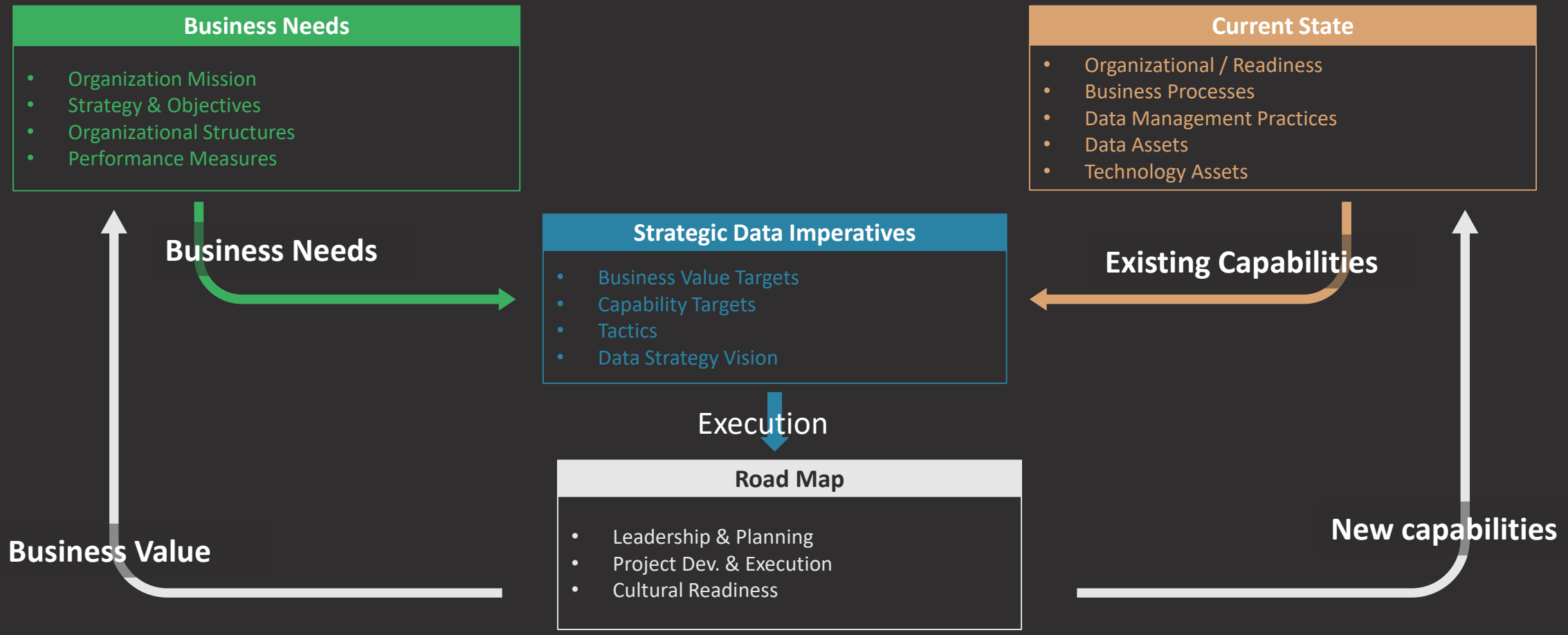
Build applicable models



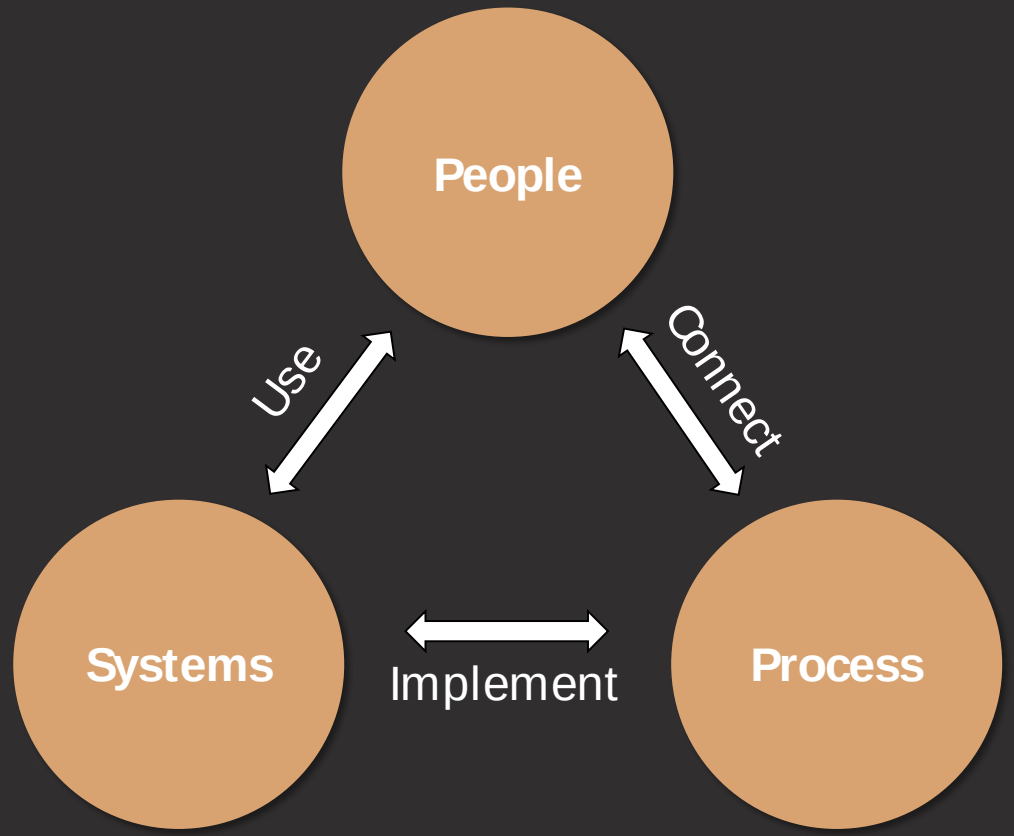
Identify data value and set direction

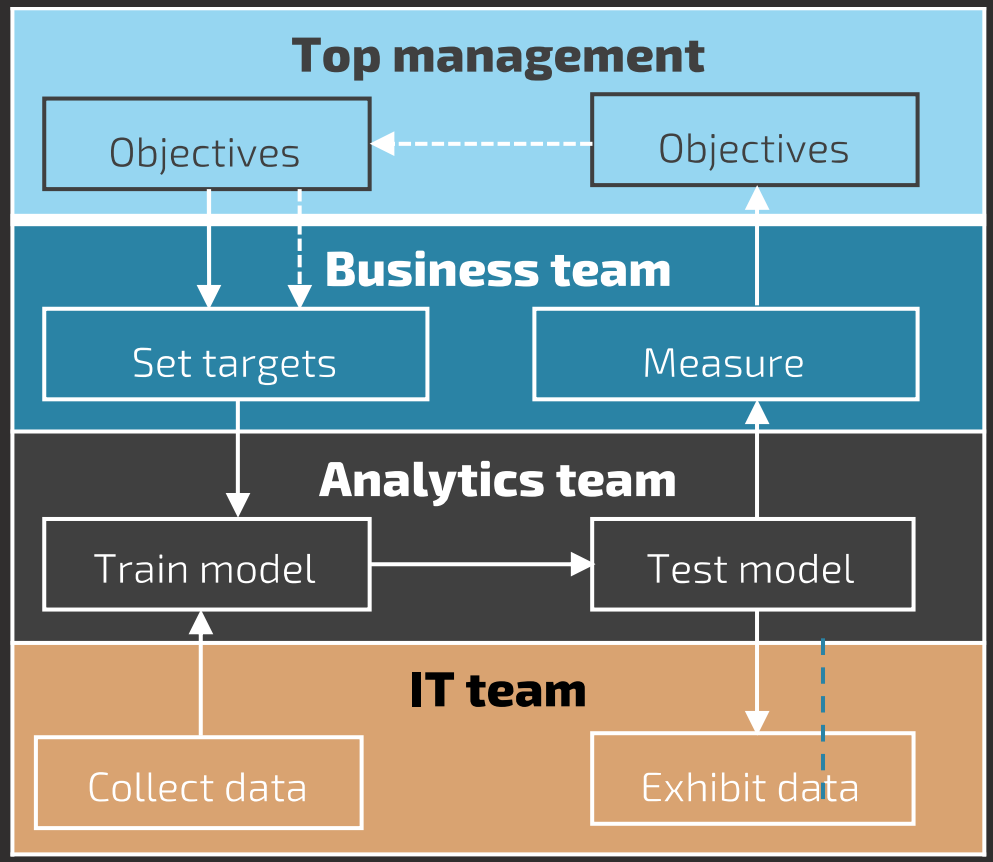
Handle massive amounts of internal and external data

AI / ML must deliver business results



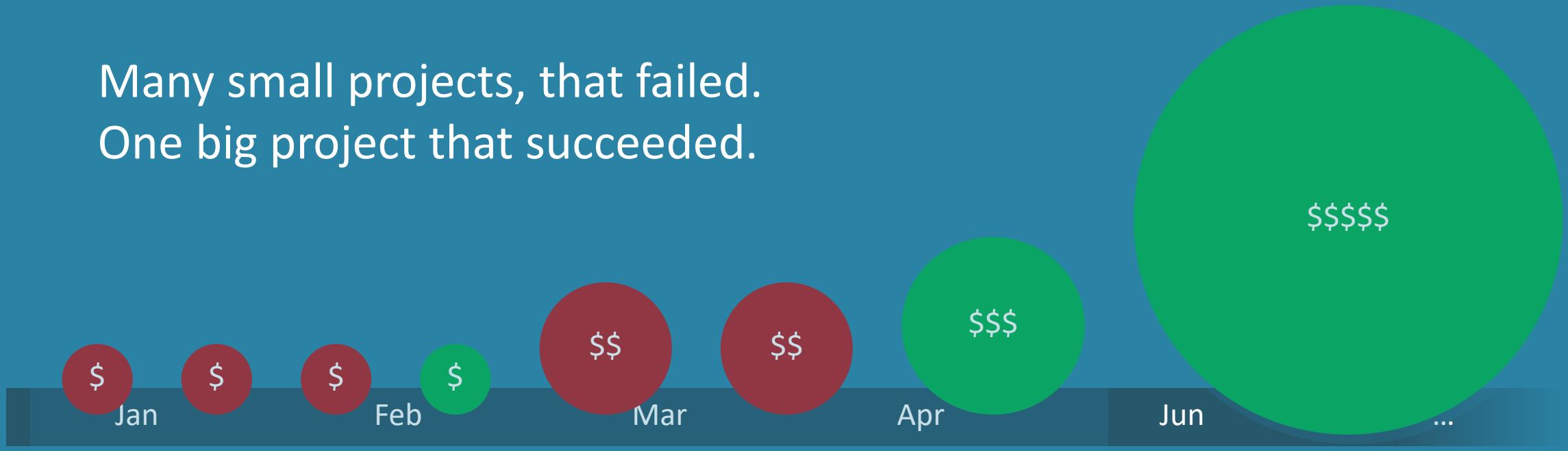
Effort to be anchored





Scalable development pipeline

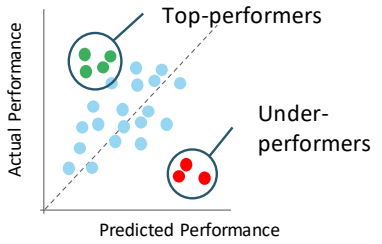
Many small projects, that failed.
One big project that succeeded.



Valuable business insights from patterns in collected data

Data insights for development of predictive maintenance model

Immediate insight from initial data analysis (examples)



Train Model	Failure	Correlated factors
Flirt (from 2017)	Bogies	• Warm tracks • Busy route • Acceleration
VIRM (from 1995)	Automatic Couplers	• Train weight • Season • Track conditions

User Interface
API and graphical presentation of collected data

Data Platform
The platform gives access to immediate insights from the historical data, and monitoring of the health of the rolling fleet

Data audit, structuring and merger

Data stack

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Creating business value with machine learning and data

Case: Dynamic pricing in online retail

HOW WE MADE IT WORK

In the process of getting to predict the optimal for any order, we started with simple tools, analyzing operational data, that no one had looked into before. This exercise alone span off multiple initiatives by the client, that would have great effect on the final delivery rate, the company was able to achieve. The solution is build in existing systems and hence does not require any new system, feature or front-end solution to the client.

THE BENEFITS

A simple but powerful predictive model, that can be understood and explained to the receiver (the delivery guy) in real time being embedded in the system though a price. During the project the delivery rate was raised from approximately 88% to 98%, which can be directly translated to 10% more orders delivered. This was a make it of break it move for the company, and their data driven approach, proved its business value. The impact is shown on the graph to the right.

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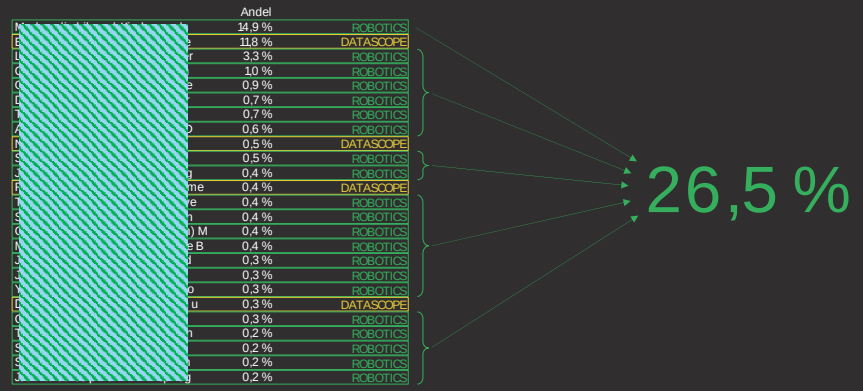
Kom igang med kunstig intelligens

Men omkring 25 % kan håndteres af jeres Robotics team



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Better internal information transfer

More efficient customer care

Reduced consultation needs