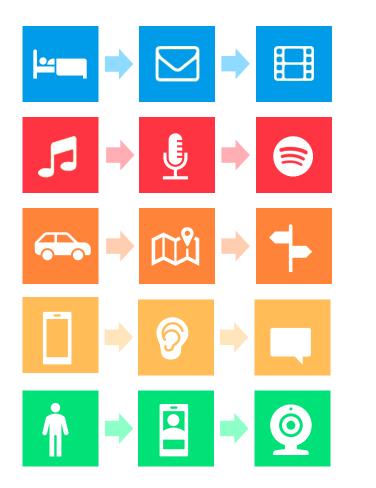
The era of A(G)I

1

Jakob Ladekær & Søren Toft Joensen

AI follows your day



Spam or not: Algorithm scans content and addresses Netflix recommendation suited for you Spotify: Discover weekly list: 30 new tracks you'll love

Google spots patterns in your data and provides suggestions on where to go based on usual behavior

Shazam reduce an audio spectogram (time, frequency, volume) to a musical fingerprint and compare against their database

Facial recognition: Lightning-fast map of the face with 30,000 infrared points



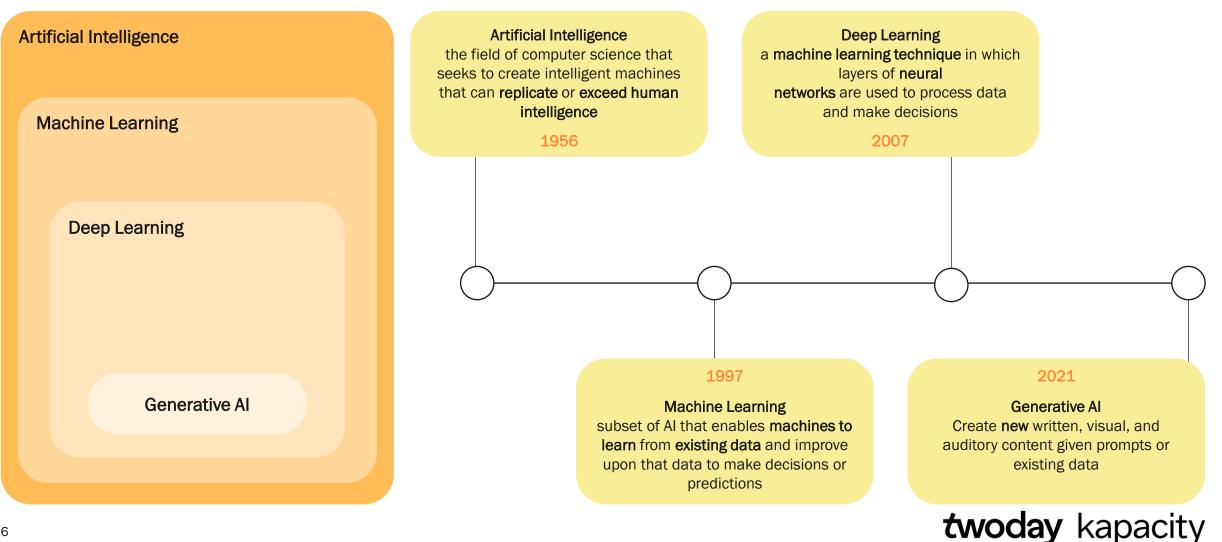
Agenda

- The era of A(G)I
- Where is the value?
- Generative Al
- Curiosity and reality checks
- How to get started



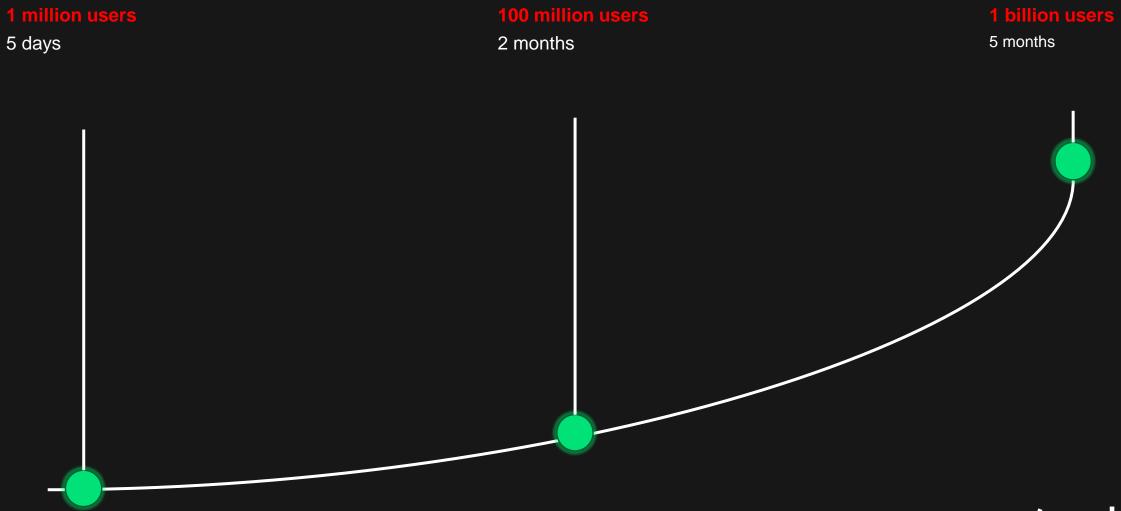
The era of A(G)I

To understand what we **really** are talking about



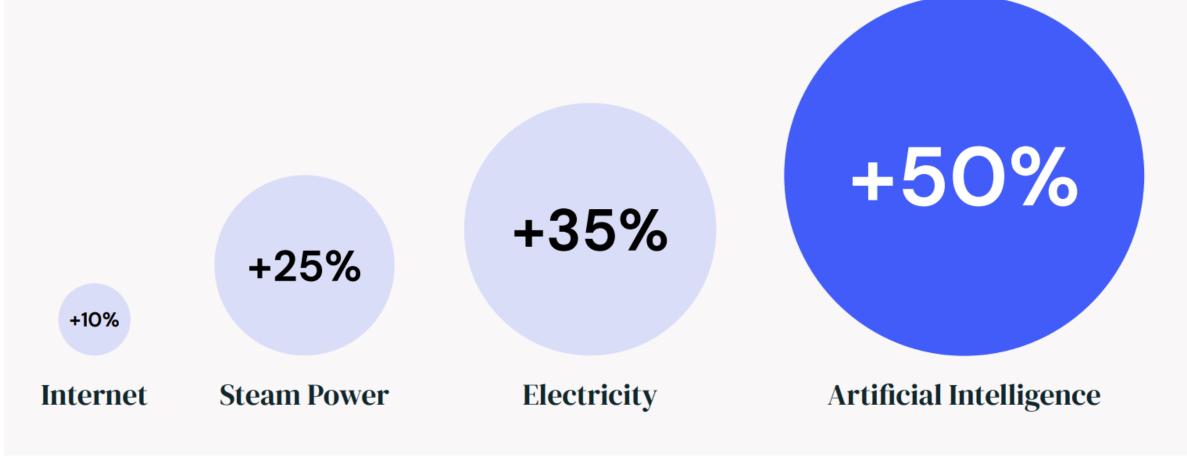


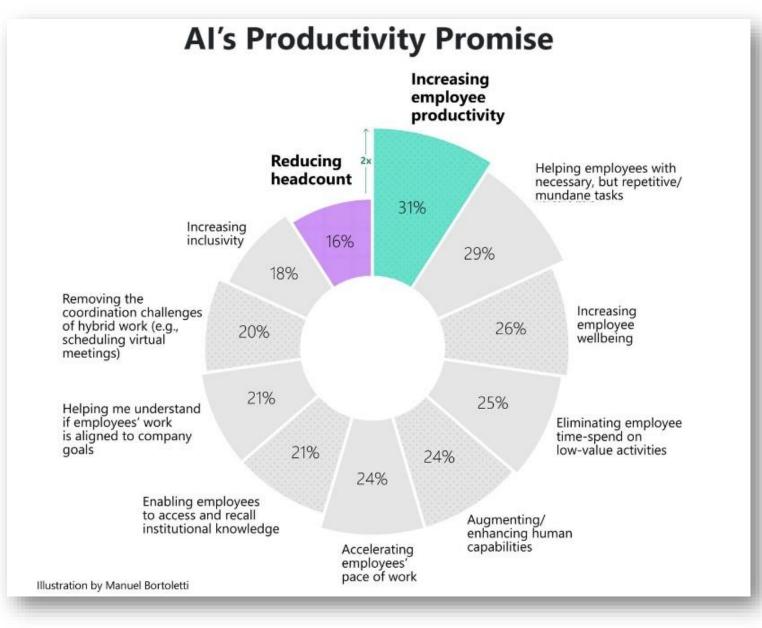
ChatGPT



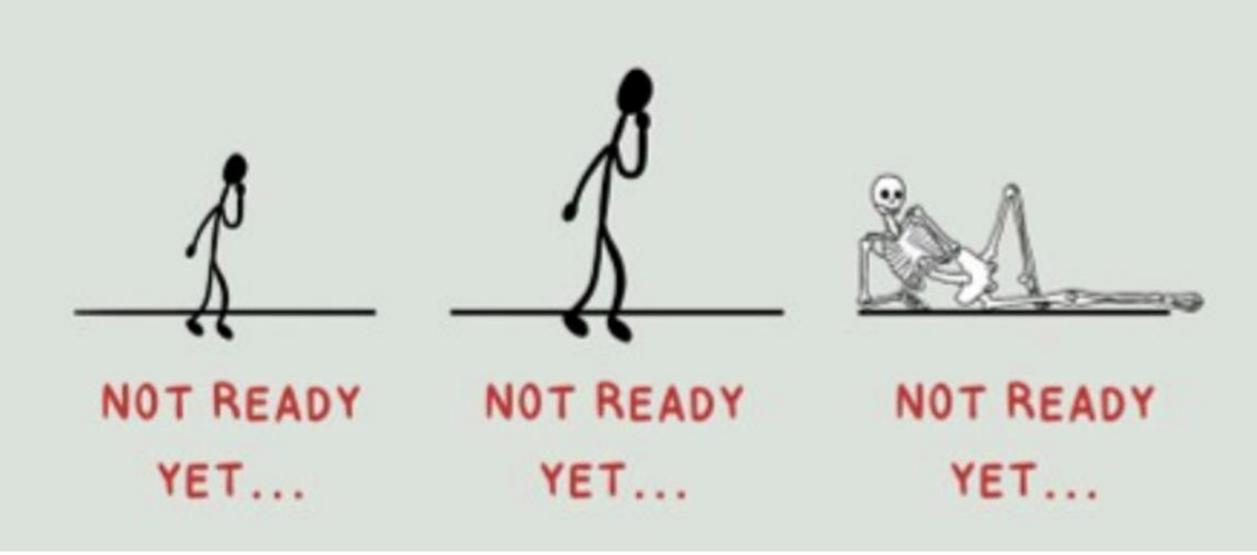


AI will result in the biggest productivity increase ever in history





*McKinsey - June 2023, The economic potential of generative AI

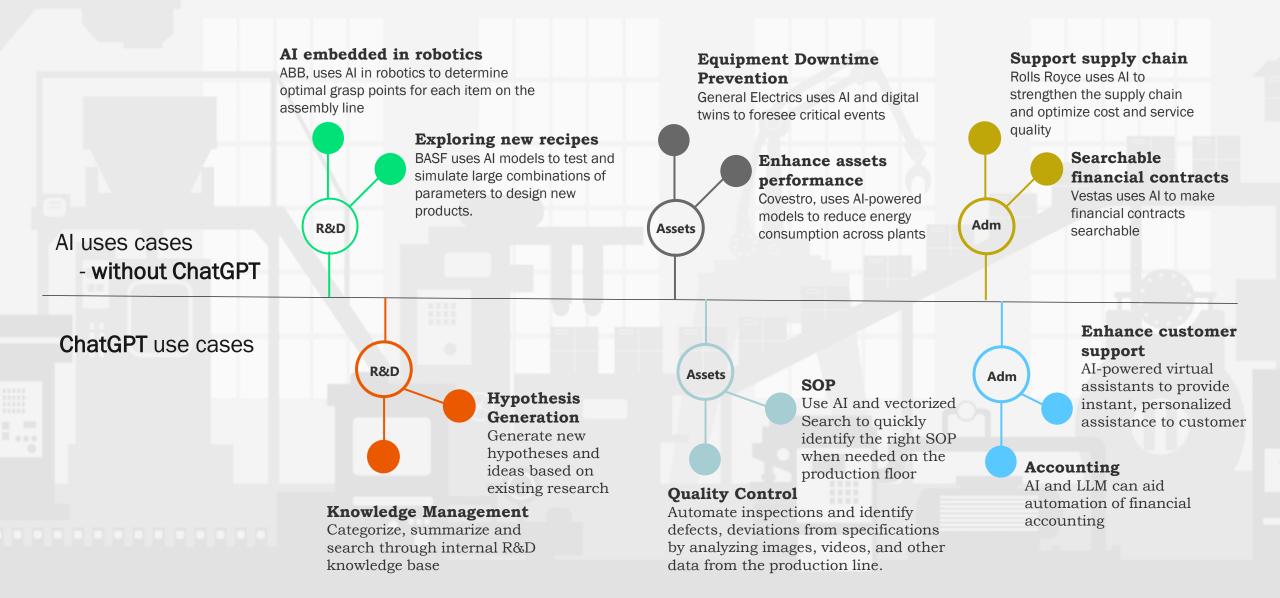


Where is the value?



Computer Vision

AI is more than ChatGPT





The value of AI is more than just predictions

- Consistency in decision making
- Structured approach to data driven decision making
- Optimization of processes
- Explainability in decision support
- Employee satisfaction



Remember to transform the processes.

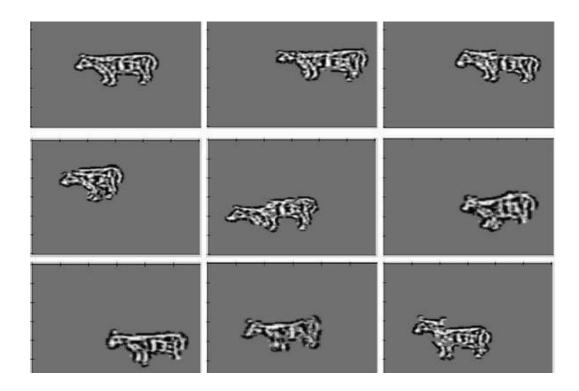
Processes of today is made for humans!

Generative AI

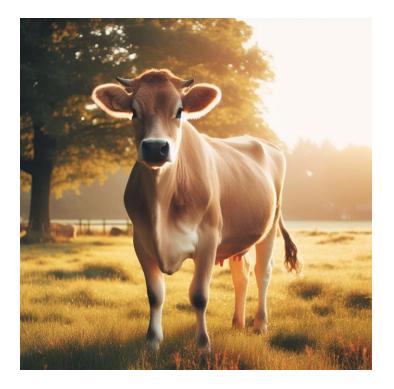
Where do the field originate from



The fundamental change is the output of the models



Al generated cow in 2014



Al generated cow in 2023 by OpenAl (DALL-E 3)

Prompt "give me a photo of a cow standing on a green field with trees in the background in sunshine"





Can it be controlled?

- You want the generative powers, but reduce the risk of hallucinations
- You can control the model outputs by:
 - Input parameters
 - How deterministic the model will be
 - Provide precise and relevant context
 - Make guidance of what to do when unsure
 - Keep a human in the loop



Research

You Hvad er Propylen?

ChatGPT

Propylen, også kendt som propen, er en farveløs gas med den kemiske formel C₃H₆. Det er en umættet kuldioxid, hvilket betyder, at den indeholder en dobbeltbinding mellem to af dens carbonatomer. Propylen er en vigtig råvare i den kemiske industri og bruges til at fremstille en række produkter, herunder plastikker, især polypropylen, samt en række andre kemikalier. Det er også en vigtig bestanddel i produktionen af forskellige opløsningsmidler og additiver. Propylen fremstilles hovedsageligt gennem krakning af råolie eller naturgas.

0070

Summarize

st You

opsummer dette til én sætning

Propylen, også kendt som propen, er en farveløs gas med den kemiske formel C₃H₆. Det er en umættet kuldioxid, hvilket betyder, at den indeholder en dobbeltbinding mellem to af dens carbonatomer. Propylen er en vigtig råvare i den kemiske industri og bruges til at fremstille en række produkter, herunder plastikker, især polypropylen, samt en række andre kemikalier. Det er også en vigtig bestanddel i produktionen af forskellige opløsningsmidler og additiver. Propylen fremstilles hovedsageligt gennem krakning af råolie eller naturgas.

ChatGPT

Propylen er en umættet, farveløs gas brugt i kemisk industri til fremstilling af plastikker og andre kemikalier, hovedsageligt fremstillet gennem krakning af råolie eller naturgas.

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Categorize

st You

Følgende er kunde feedback.

Din opgave er at kategorisere kundens feedback i én af tre kategorier; positiv, neutral eller negativ.

Jeg bruger Legos onlinebutik rigtig tit. Jeg har intet at klage over, som er alvorligt. Leveringstiderne er lidt langsommere end lovet, og også i forhold til mange andre onlinebutikker, men det er okay. Deres VIP system er meget fint, dog kunne jeg godt tænke mig noget mere end farveark i deres VIP-medlemsbutik. Og kundeservicen har jeg heller aldrig haft problemer med.

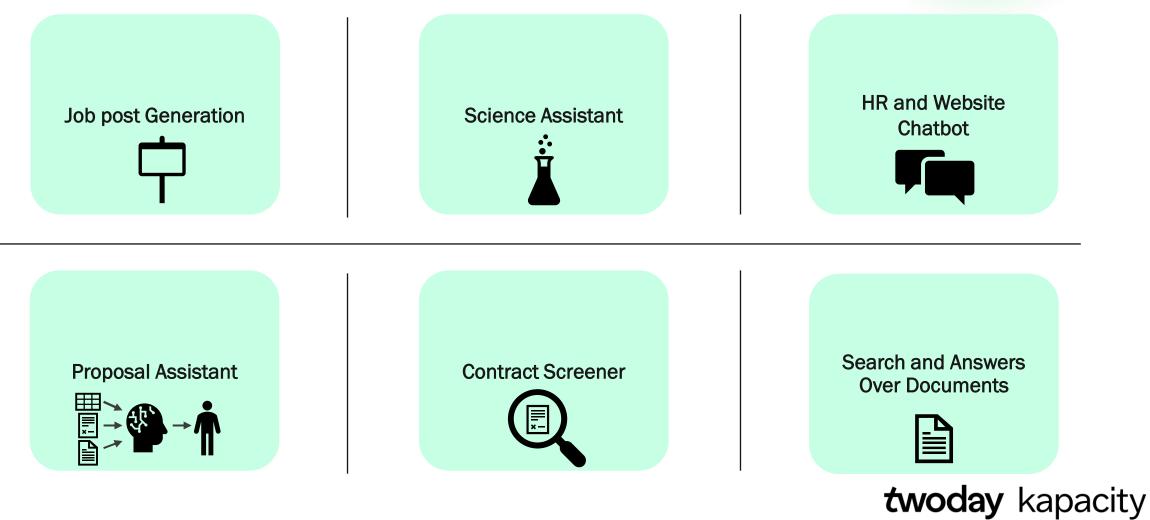
ChatGPT

Denne kunde feedback kan kategoriseres som "positiv".

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Real life use cases

twoday kapacity OpenAI projects



26

28-11-2023

	File Name		Category
PDF	03.01.03 Lease Agreement F	6. 6. 0 .	Lease Agreement
PDF	Lease Agreement Rev: 133250E	s 6 7 0 0	Lease Agreement
PDF	Lessor: Blue Sky Rentals Lessee: ABC Industrials Co., Ltd. Address: c unit, 4th floor Start Date	:o.Ltd O	Lease Agreement
PDF	Vancouverstraße 215 Hamburg Industrial Park Postal code: 206173 End Date	· · · · · · · · · · · · · · · · · · ·	Lease Agreement
PDF	Tel: +49(0)40 36 47 26 31 In accordance with related laws and regulations, both parties have reached agreement on the following:	6 7 0 0	Lease Agreement
PDF	1. The premises to be leased Ai C unit, 4th Floor, The lessor leases a leaseh, id with a total area of about 30,165 square meters to the lessee, Vancouverstraße 215, including a three-story bul 2 of mik powder and milk tablet workshops with an area of	rk BP 0	Lease Agreement
PDF	13,365 square meters, a two tory building of liquid milk workshop , and a three-story building of warehouses. Telephone No.	6 7 0 .	Lease Agreement
PDF	2.Lease term The lease term is 5 years, starting from September 1, 2019 untill August 31, 2024. The rental price is €30,000 per calendar month.Twelve months before the end of the term, with the lessee's propsal and the lessor's consent, both parties will sign a new lease contract	6 7 0 .	Lease Agreement
PDF	about the leasehold. Only after the lessor has corrected its action according to the construction standard stated in the attachment of the contract, can the construction be resumed. The loss brought by the delay should be undertaken by the lessor. Party A should	6 7 0 •	Lease Agreement
PDF	strictly follow the charts provided by party B to construct. The charts will be an	600	Lease Agreement

Example: Kapacitys internal mail bot

Hej. I henhold til Funktionærloven kan en medarbejder opsige sin stilling med én måneds varsel til en måneds u

From: Jakob Ladekær <<u>iml@kapacity.dk</u>> Sent: Tuesday, March 21, 2023 8:20:03 PM To: Auto.Bot <<u>Auto.Bot@kapacity.dk</u>> Subject: spørgsmål til opsigelse

Jeg vil gerne opsige min stilling. Hvad er min opsigelsesperiode?

Med venlig hilsen / best regards

Jakob Ladekær

Hej. På den første dag for ansættelse gennemgås følgende punkter: Velkommen til Kapacity og generel introduktion til huset, ut mentor, der i den første tid kan hjælpe med netværk både fagligt og socialt. Desuden skal du være opmærksom på tavshedsregl teams, hvis du er i tvivl.

From: Jakob Ladekær <<u>iml@kapacity.dk</u>> Sent: Tuesday, March 21, 2023 9:50:37 PM To: Auto.Bot <<u>Auto.Bot@kapacity.dk</u>> Subject: Særlig

Hvad skal jeg som ny medarbejder være særligt opmærksom på?

Med venlig hilsen Jakob Ladekær Hej. For at ændre dit password skal du følge disse trin: Gå til Visma's login side. Indtast dit brugernavn i formatet INTERNAL¹ minimum 15 tegn, brug af store bogstaver, tal eller specialtegn er ikke nødvendigt, brug engelske bogstaver a-z (A-Z) og und teams, hvis du er i tvivl.

From: Jakob Ladekær <<u>iml@kapacity.dk</u>> Sent: Tuesday, March 21, 2023 10:06:12 PM To: Auto.Bot <<u>Auto.Bot@kapacity.dk</u>> Subject: Passeord

Hvad gør jeg hvis jeg har glemt mit password

Med venlig hilsen Jakob Ladekær

Hej. Du kan se hvor meget ferie du har tilbage ved at se på din tidsregistrering. Du kan også se det i

From: Jakob Ladekær <<u>iml@kapacity.dk</u>> Sent: Tuesday, March 21, 2023 10:05:44 PM To: Auto.Bot <<u>Auto.Bot@kapacity.dk</u>> Subject: Ferie

Hvordan ved jeg hvor meget ferie jeg har tilbage?

Med venlig hilsen Jakob Ladekær

×

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Go To Page

Welcome

O View contracts

Chat with contracts

twoday kapacity

Contracts Chatbot

Hi! I'm ChatGPT with knowledge about your credit card contracts.

Instructions: There are generally two types of questions I can answer:

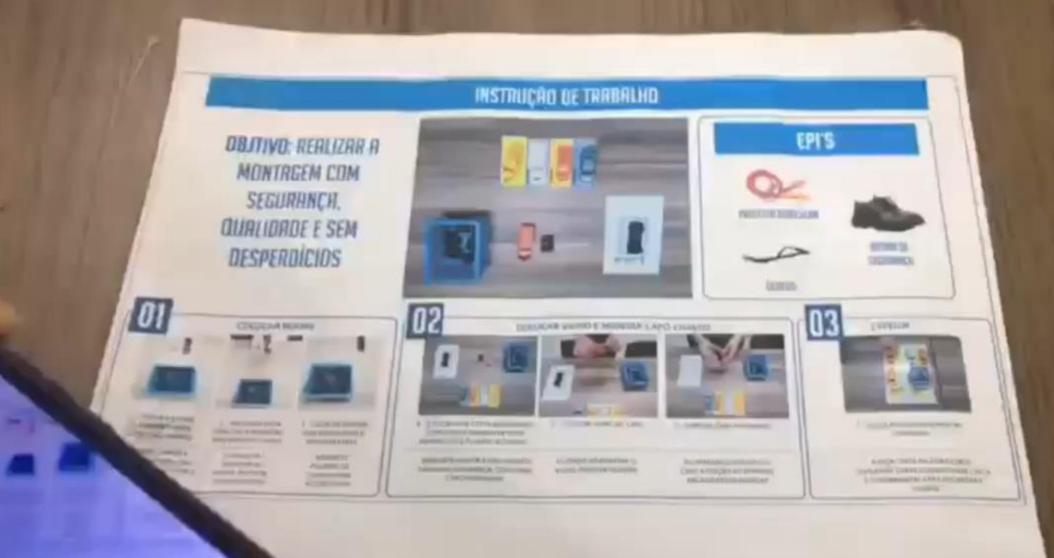
- Questions about specific contracts, e.g. What is the APR for cash Advances for Nordstrom?
- Questions that requires insights across all credit card contracts, e.g. Which cards have annual fees?

These are examples of questions you can ask me:

- Show me all card names and their APR for cash advance.
- What is the APR for cash advance for Nordstrom?
- what is the APR for purchases for Twinstar Credit Union?
- Show me all cards that has a penalty for late payments
- Which company and card have the highest transaction fees for foreign transactions?

you:





Curiosity and reality checks

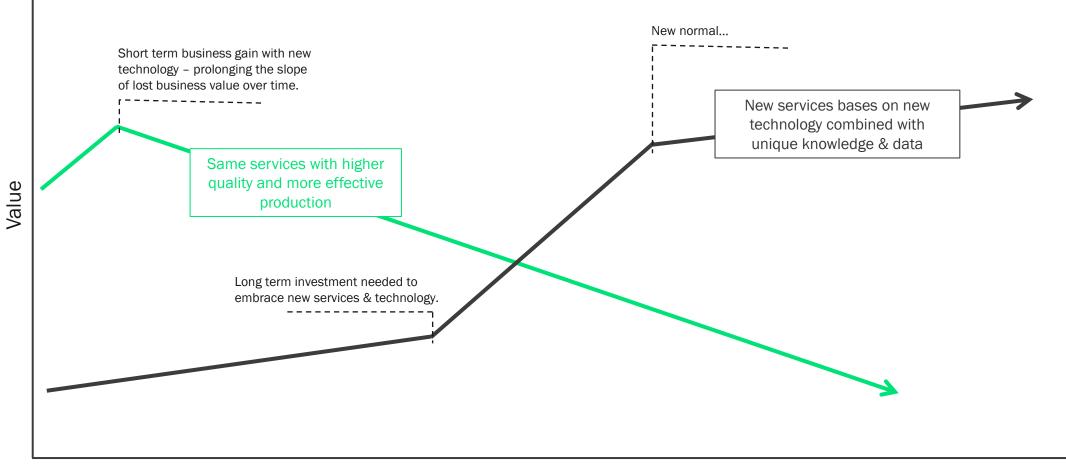


IF YOU DON'T KNOW WHAT'S POSSIBLE YOU CANNOT THINK OF THESE POSSIBILITIES **ENTER THE AGE OF CURIOSITY**

How to get started

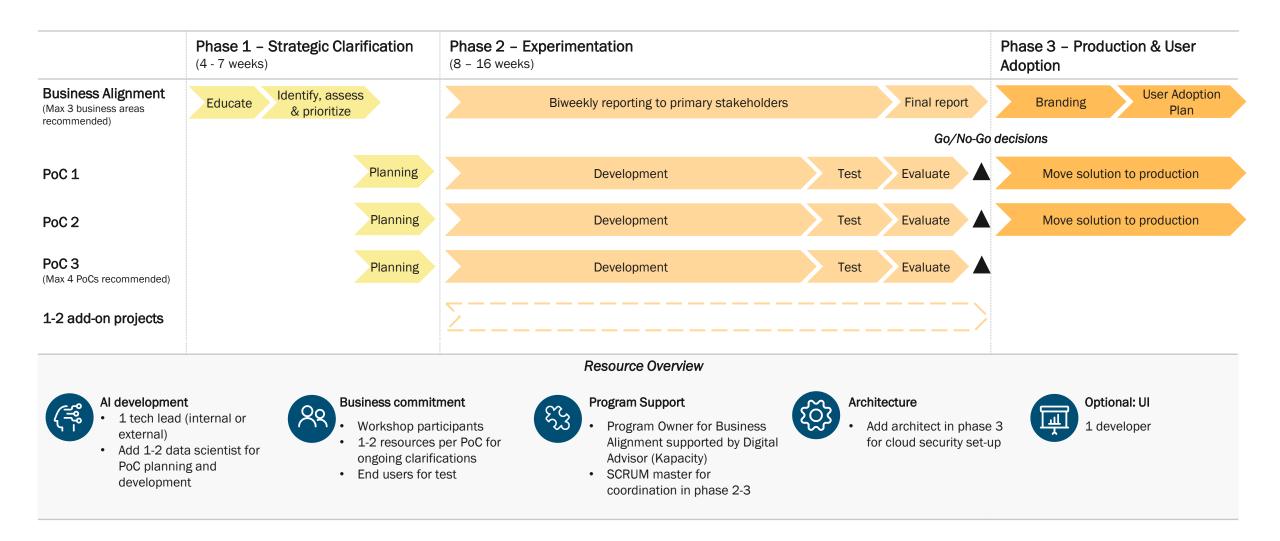
A simple **guess** into the future

Follow 2 parallel tracks to strengthen the business going forward

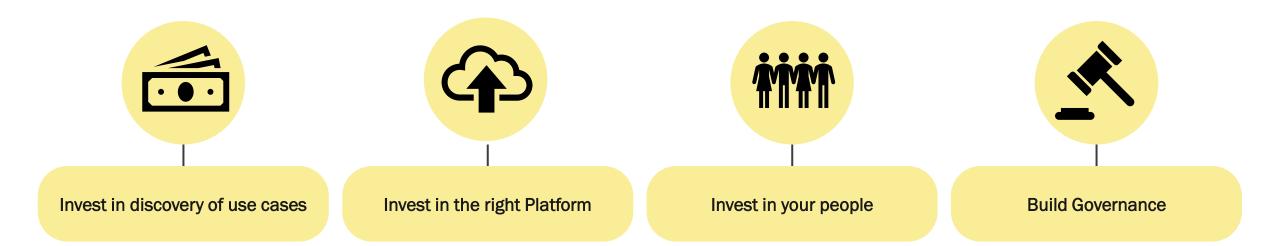


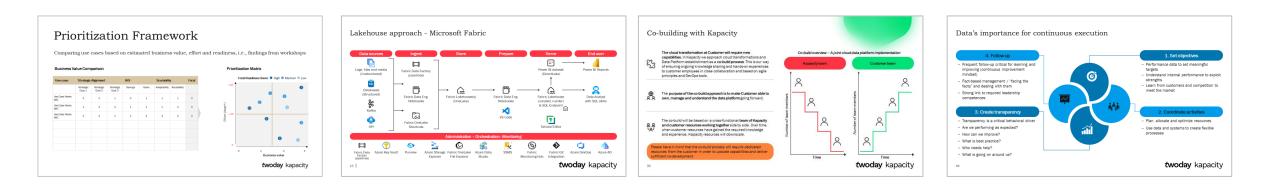
Time

How to structure an AI program



Invest now







About us



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Søren Toft Joensen Partner soren.joensen@twoday.com +45 2630 9001 Søren Toft Joensen | LinkedIn

Final note



the <u>Seven</u> most expensive words in business... HOW DID YOU GET BUDGET APPROVAL FOR ALL THIS? I JUST we have always done it's that ages TOLD THEM THE NAME OF THE PROJECT. AI TOM FISH BURNE