

IT I UNDERRVISNINGEN

**NOVICE**

**EKSPERT**



# CENTER FOR **IT I UNDERSNINGEN**



HeyGen



Lav et digt med korte sætninger i stil med rapmusik. Du skal forestille dig, at du er Uddannelses- og arbejdsmarkedspolitisk chef og vil fremhæve konferencens muligheder for deltagerne, samtidig med at alle sætninger har ordspil og rim. Digtet skal være på 6 linjer.



Jeg sætter retning, hvor vi sætter dagsorden,  
Med uddannelse og job, vi ændrer på koden.  
Fra strategi til handling, bygger jeg broer,  
Løfter hver stemme, til et stærkere kor.  
Uddannelse og job, vi former ny tid,  
Sammen bygger vi fremtiden, med stolthed og vid.



Send besked til ChatGPT

labs.heygen.com

Start | Microsoft 365   AI og Office365 v. Søren Møller -...   PowerPoint | Microsoft 365   Mail – Mark Arpe Mortensen – Ou...   HeyGen - AI Spokesperson Video...

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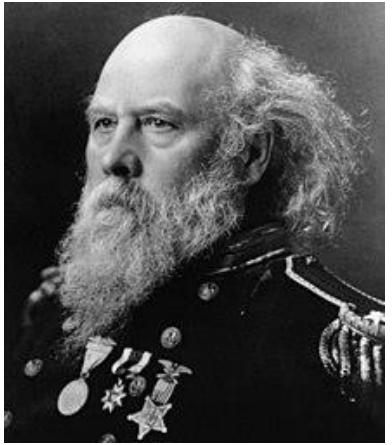
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Chat with us



## THE ENGINEER AND THE PROBLEM OF AÉRIAL NAVIGATION.

BY REAR-ADmiral GEORGE W. MELVILLE, ENGINEER-IN-CHIEF OF THE UNITED STATES NAVY.

"I talk of dreams  
Which are the children of an idle brain,  
Begot of nothing but vain fantasy,  
Which is as thin or substance as the air;  
And more inconstant than the wind."

—SHAKESPEARE, "Romeo and Juliet."

In earlier times many thoughtful men have given unqualified recognition to the uses and delights of the imagination. But could they see now, in the light of history, with what folly human nature has pushed a noble truth to the extreme, they would realize that much of its wisdom and grandeur has been obscured by the abuse of the imagination and undue revelling in its pleasures.

This folly has been always peculiarly manifest in natural science, whence it penetrates to the field of applied mechanics.

Outside of the proven impossible, there probably can be found no better example of the speculative tendency carrying man to the verge of the chimerical than in his attempts to imitate the birds, on a field where so much inventive seed has been sown with so little return. In the attempts of man to fly successfully through the air. Never, it would seem, has the human mind so persistently evaded the issue, begged the question and, "wrangling resolutely with the facts," insisted upon dreams being accepted as actual performance, as when there has been proclaimed time and again the proximate and perfect utility of the balloon or of the flying machine.

The New York Times  
forudsagde, at bemandede  
flyvninger ville tage mellem 1  
og 10 millioner år at  
opnå.

## 1903: New York Times makes a bold prediction

The *New York Times* predicted manned flight would take between 1 and 10 million years to achieve, in an article titled "Flying Machines Which Do Not Fly." The piece ended: "To the ordinary man, it would seem as if effort might be employed more profitably."

**FLYING MACHINES WHICH DO NOT FLY.**  
The ridiculous fiasco which attended the attempt at aerial navigation in the Langley flying machine was not unexpected, unless possible. In the distinguished Secretary of the Smithsonian Institution, who devised it, and his assistants, Prof. MANLY, who undertook the sprouting them ab initio, it might be assumed that the flying machine which will really fly might be evolved by the combined and continuous efforts of mathematicians and mechanicians in from one million to ten million years—provided, of course, we can meanwhile eliminate such little drawbacks and embarrassments as the existing relation between weight and strength in inorganic materials. No doubt the problem has attractions for those it interests, but to the ordinary man it would seem as if effort might be employed more profitably.

**SEP 1901**

**OCT 1903**

<https://bighink.com/pessimists-archive/air-space-flight-impossible/>

**London Herald**  
FRIDAY 18th DECEMBER 1903

# FLYING MACHINE TAKES TO THE AIR!

Orville Wright takes to the air near Kitty Hawk Roads, whilst Wilbur Wright looks on.

**Wright Brothers Make First Powered Flight**  
Heavier than Air Machine covers 852 Feet

By Theodore Goss

A stupendous breakthrough in mankind's aviation struggle against nature occurred yesterday at Kitty Hawk Roads, North Carolina. The American inventors, Wilbur and Orville Wright, flew their famous heavier-than-air machine over a distance of 852 feet in a flight of 59 seconds.

Wilbur and Orville Wright have been working on flying machines ever since they first became interested in the subject.

**Flying Machines.**  
The Wright brothers have been working on flying machines ever since they first became interested in the subject.

**Photographs.**  
The Wright brothers have been working on flying machines ever since they first became interested in the subject.

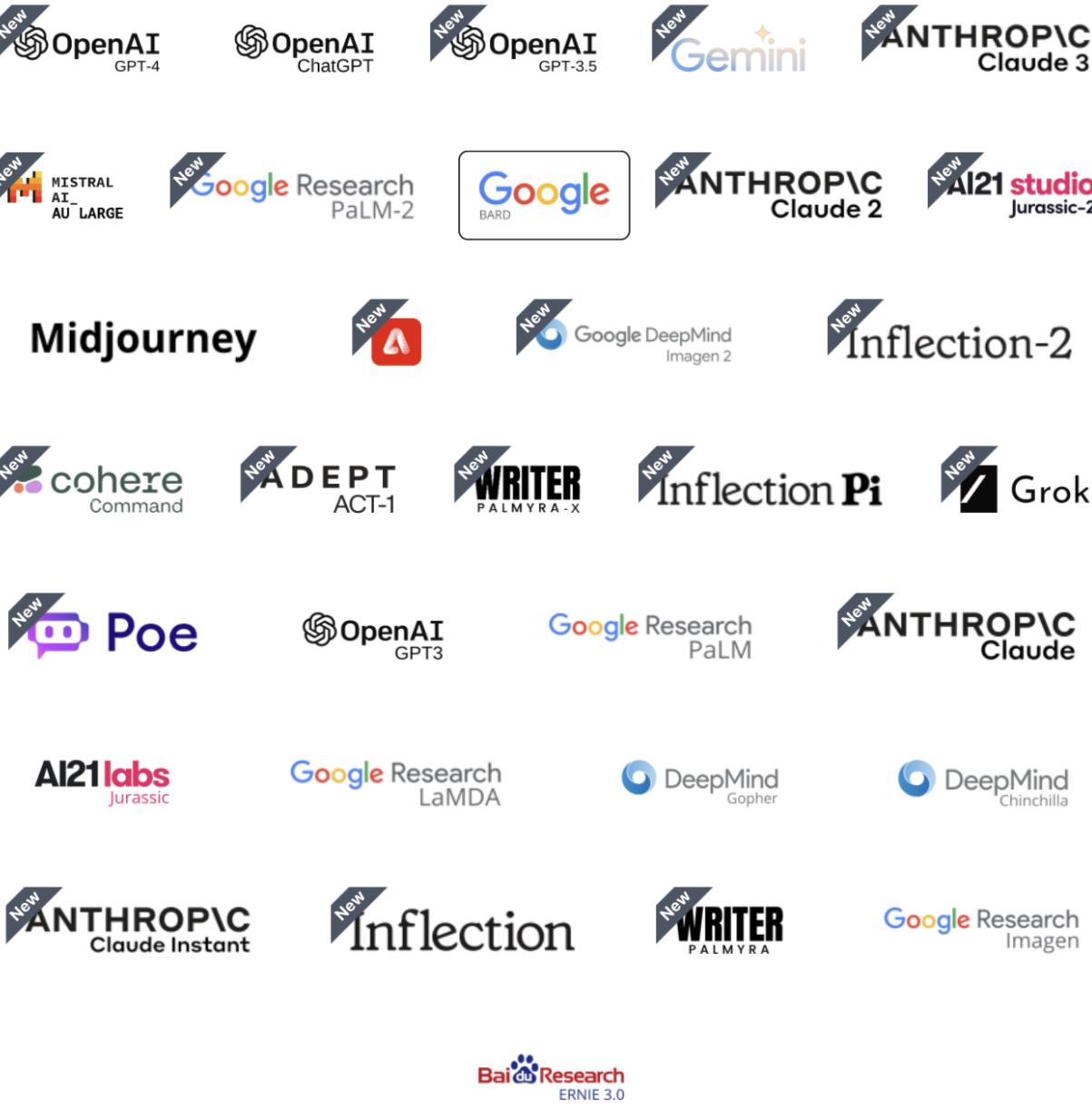
**SUNLIGHT SOAP.**  
Laurent Galli in the World.

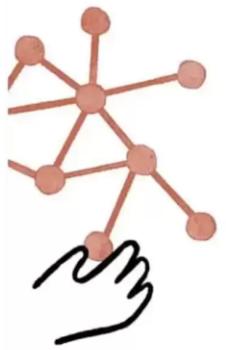
**OTHER NEWS.**  
Trotter's "The Power of the Press" is a book for journalists to consult in regard to what women tell about their political activities. It is a special interest in America, following the recent election of Mrs. Roosevelt as a member of the National Political Union.

**Moscow Flies Polish Missions.**

**CENTER FOR IT I UNDERVISNINGEN**

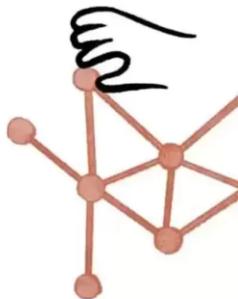
# Closed Source Models





**Claude**

ANTHROPIC



**perplexity**



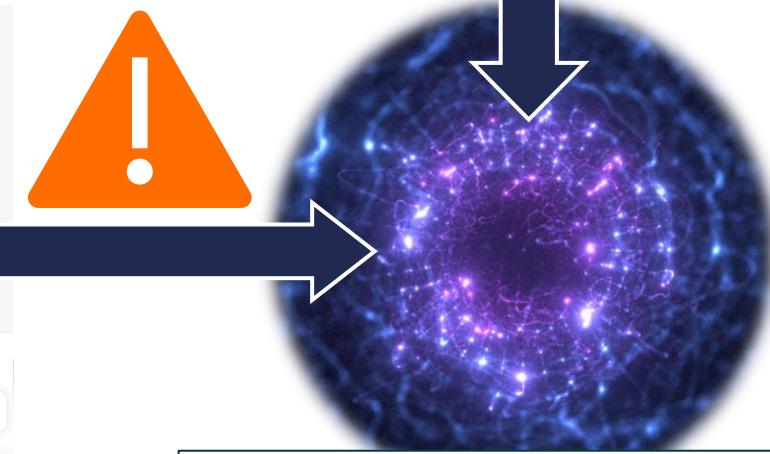
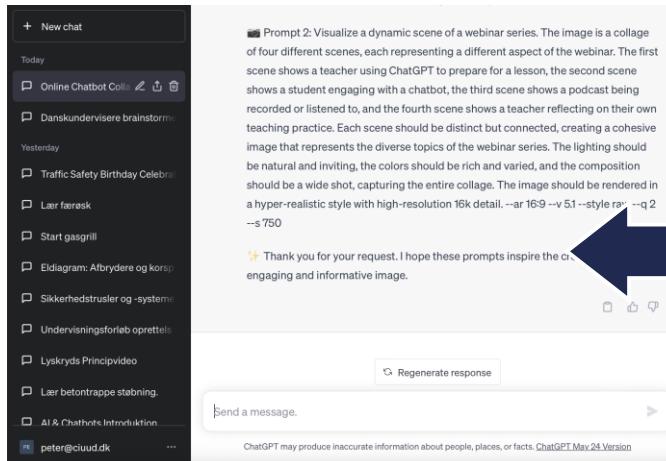
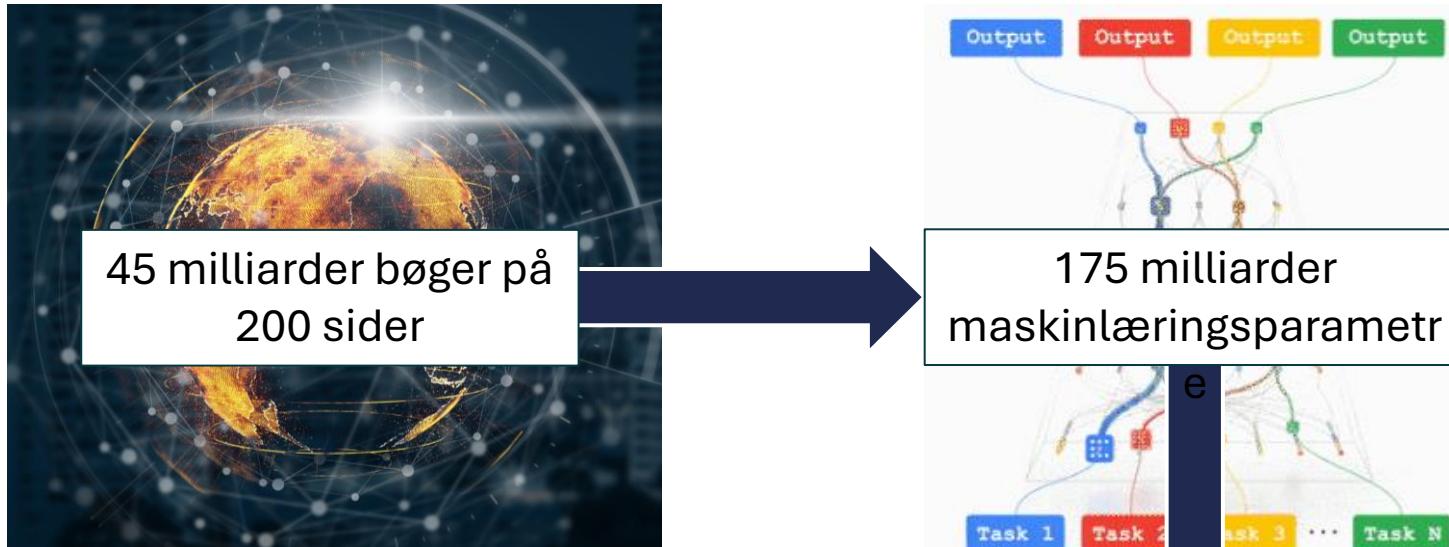
**CHATGPT**



**Copilot**



CENTER FOR  
**IT I UNDERSVINGEN** A logo consisting of the text "CENTER FOR IT I UNDERSVINGEN" in blue and orange, next to a blue and orange abstract shape.



**Mød Mads: Din danske AI Robot som besvare alle spørgsmål**

Få pålidelig vejledning og præcise svar fra Mads, din personlige chefbot på dansk. Drevet af avanceret ChatGPT teknologi og AI robot-experten, er Mads lavet af et team af eksperter i kunstig intelligens og sprogedebat for at sikre, at du får den bedste mulighed. Du kan altid slukke øjnene med Mads.

AI Korrekturlæser   Oversættelse   AI Skriveassistent   ChatGPT Dansk   Karriererådgiver

Mads: Hej! Hvordan kan jeg hjælpe dig?

Invoget din tekst her...  Send

skrивsikkert.dk

**Bing Chat Enterprise**

Din copilot til internettet, der er drevet af kunstig intelligens [Presentation]

Vælg en samtalstil: **Kreativ** **Balanceret** **Præcis**

Nyt et arbejdssted

Søgning:  Søgning med alt...

0/4000

Copilot.microsoft.com

**ChatGPT 4**

MarkTwin

00 Explore

Today

A: Solving World Problems  
CO2 and SkrivSikkert.dk Collaboration

Yesterday

CO2-afledning fra produktion af...  
Hjælp til alkoholproblemer

Efterforsker fra penaltus

New chat

Kunstig intelligens

Refer a friend **NEW**

Peter Bruus

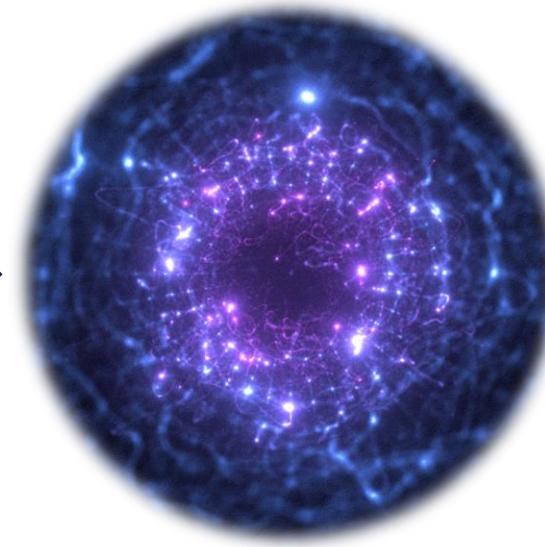
Create a charter to start a film club  
Help me debug a linked list problem  
Write a message that goes with a kitten gif for a friend on a road...  
Come up with concepts for a retro-style arcade game

Message ChatGPT...

ChatGPT can make mistakes. Consider checking important information.

chat.openai.com

Prompt



Svar

## Regler for prompten:

#1

Start med at sætte scenen for dialogen og giv chatbotten en **rolle**.

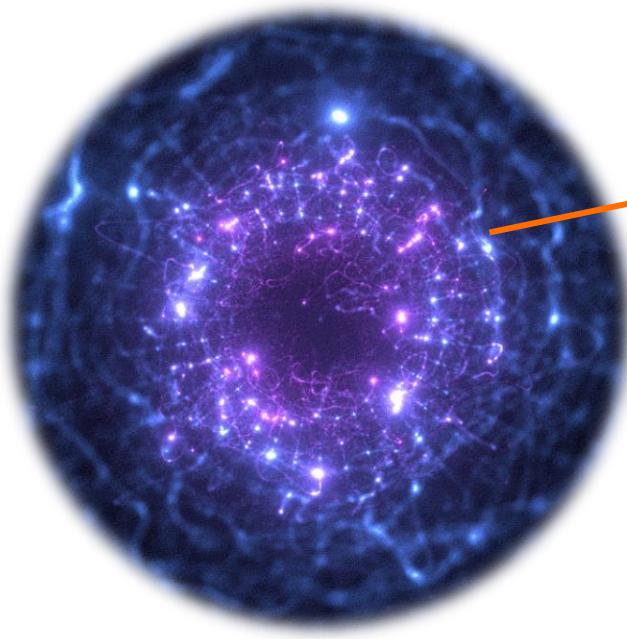
#2

Fortæl chatbotten hvad dens **opgave** er og hvad du vil have svar på.

#3

Giv chatbotten til sidst **instruktioner** om, hvordan du ønsker opgaven udført.

# Mulige fordele



Generativ AI

# Mulige risici

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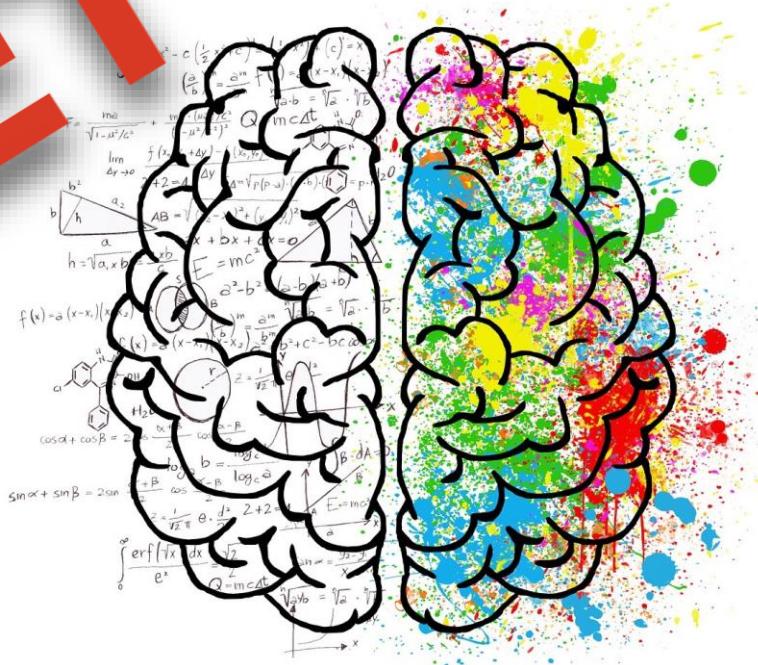
**F  
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**KVALITET**



**Risiko for snyd  
og faglig uredelighed**

**Udvikling og tilpasning  
af undervisningsmaterialer**



# Create with AI

How would you like to get started?



**Paste in text**

Create from notes, an outline, or existing content

→

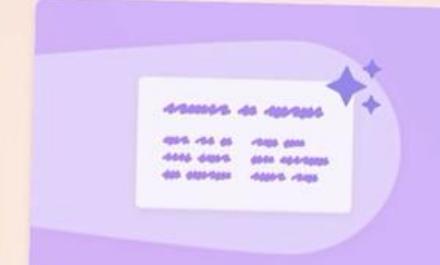


**Popular**

**Generate** ↗

Create from a one-line prompt in a few seconds

Continue →

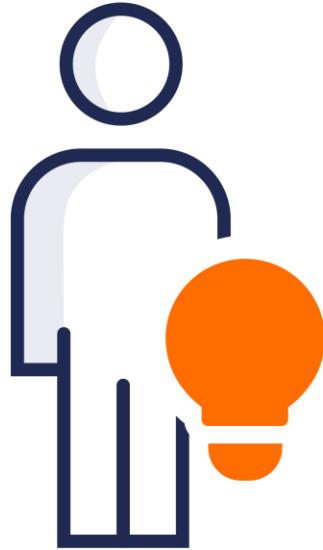


**Import a file**

Transform or enhance existing docs and presentations

→

## Udvikling af evaluerings-metoder og feedback



Mindre **selvstændighed** og  
ansvar hos elev og underviser

## AI Assisterter i WORD

**Dikter** en tekst → fanen "Hjem" →



**Læs teksten** højt → fanen "Vis" →



**Oversæt** teksten → fanen "Gennemse" →

Din læserrapport

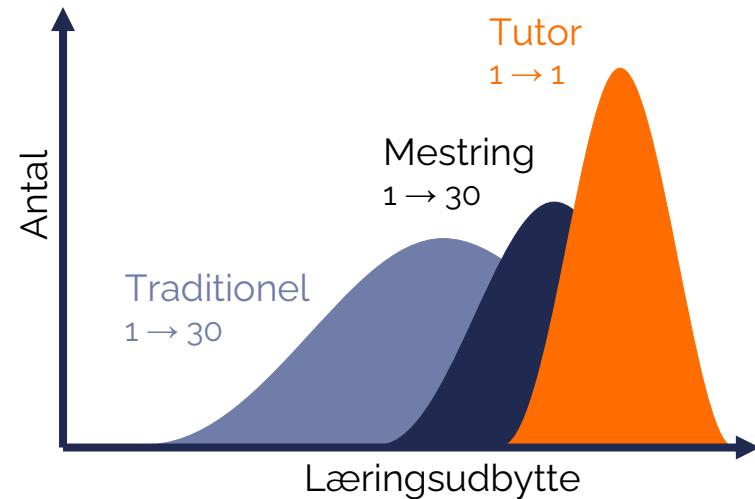
Nejagtighed	Tid brugt på at læse
89%	00:18
Antal korrekte ord pr. minut	Ord, der skal øves
58	5

Motorstyring: Kontrollerer bilens  
brændstofind...

optimal ydeev...

Diagnoseudst...

fejl i bilens elektroniske systemer.



Benjamin S. Bloom – the 2-sigma problem.

## Personlig tutor og individuelle læringsforløb



## Risiko for ulovlig dataindsamling om elevers **privatliv**



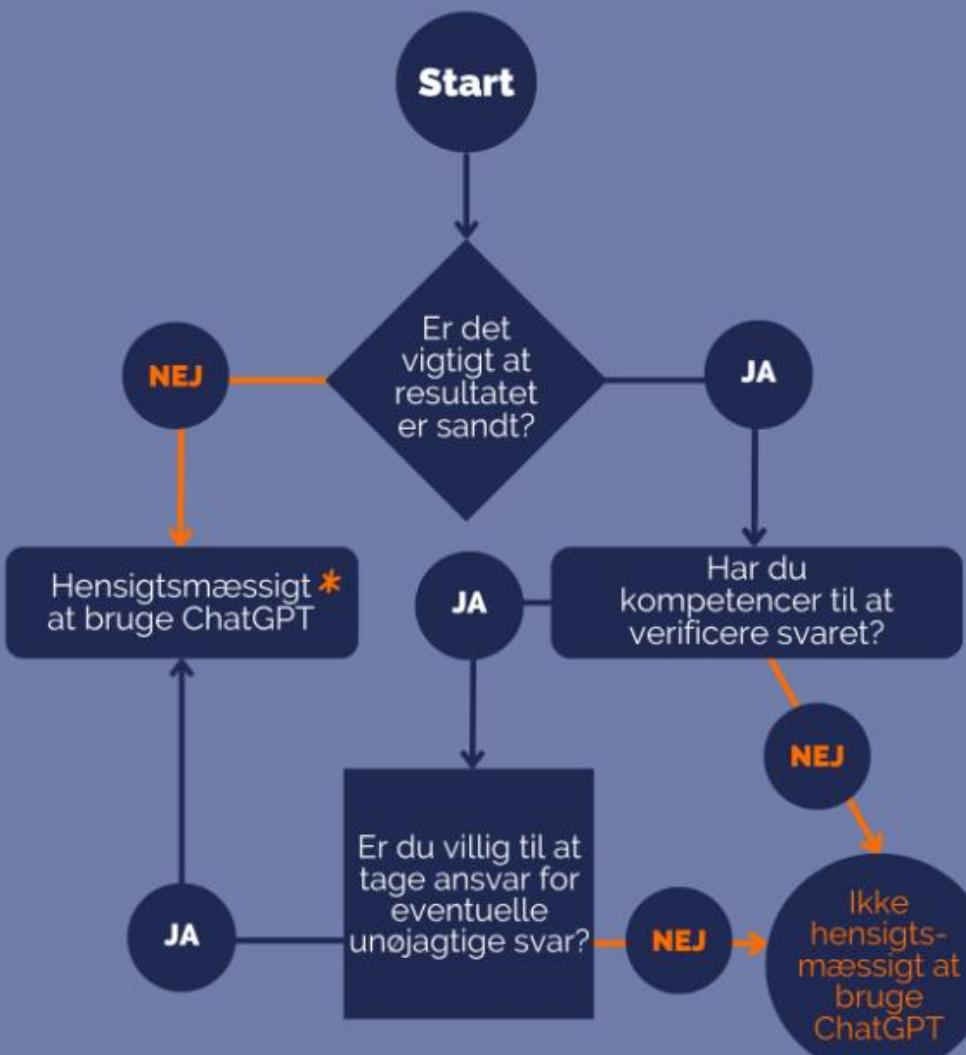
**64%**

Elever på EUD

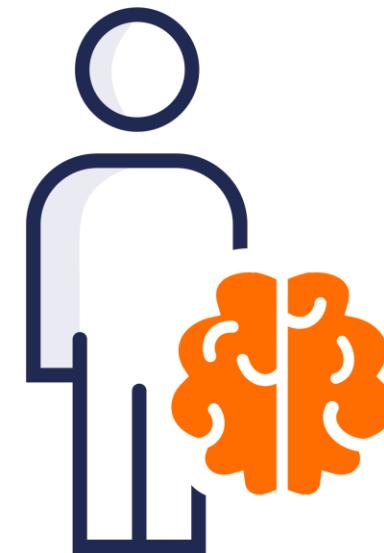
**4%**

Undervisere på HF

## Hvornår kan du bruge ChatGPT?



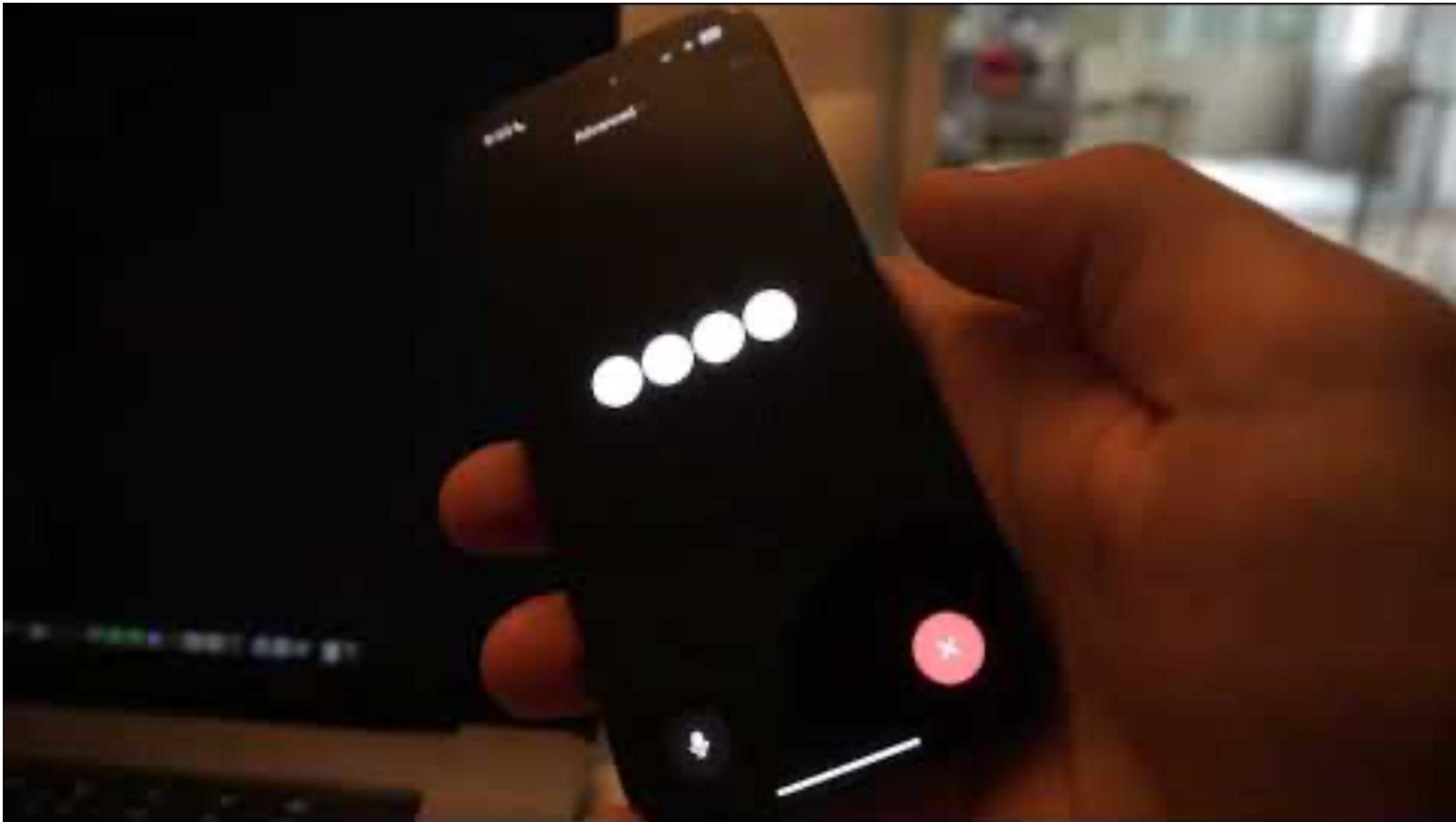
Styrkelse af kreativ  
tænkning og samskabelse



Teknologisk **forførelse**  
og manglende **kritisk tænkning**



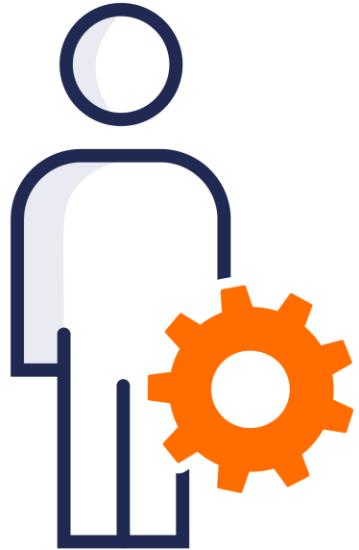
<https://youtu.be/TU1gMlol0kc?si=prQIuKIKasmDQGc4>



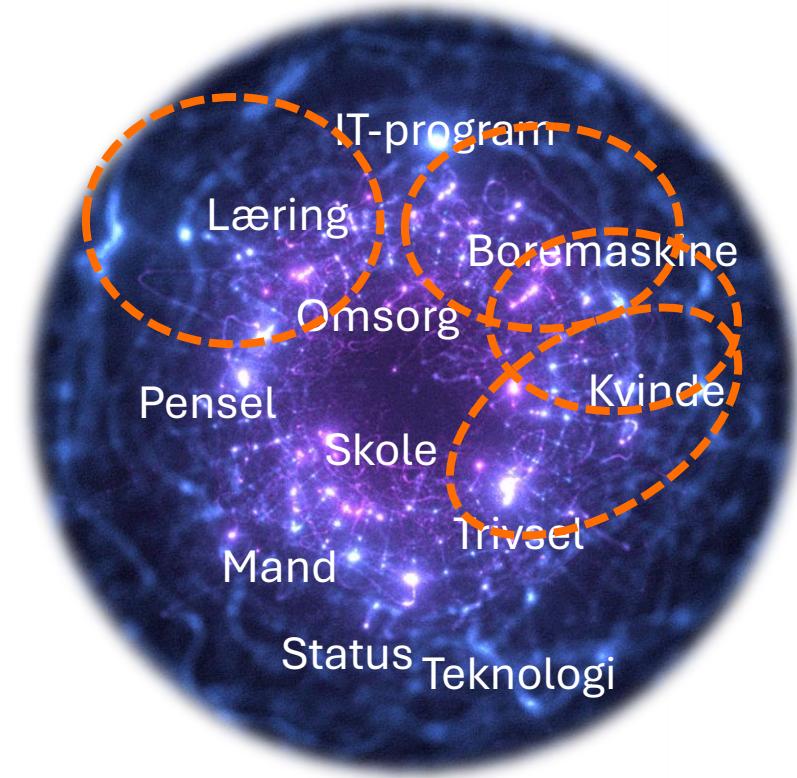
<https://youtu.be/k6bQNt0vwk8?si=FThBiqe8YyqjyyRh>

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## **Effektivisering af skolens drift og administration**



**Social bias** og manglende  
kulturel forståelse



# Mulige fordele & risici ved brug af AI i uddannelse

## Mulige fordele

Udvikling og tilpasning af undervisningsmaterialer



Risiko for snyd og faglig uredelighed

Udvikling af evalueringssmetoder og feedback



Mindre selvstændighed og ansvar hos elever og undervisere

Personlig tutor og individuelle læringsforløb



Risiko for ulovlig dataindsamling om elevernes privatliv

Styrkelse af kreativ tænkning og samskabelse



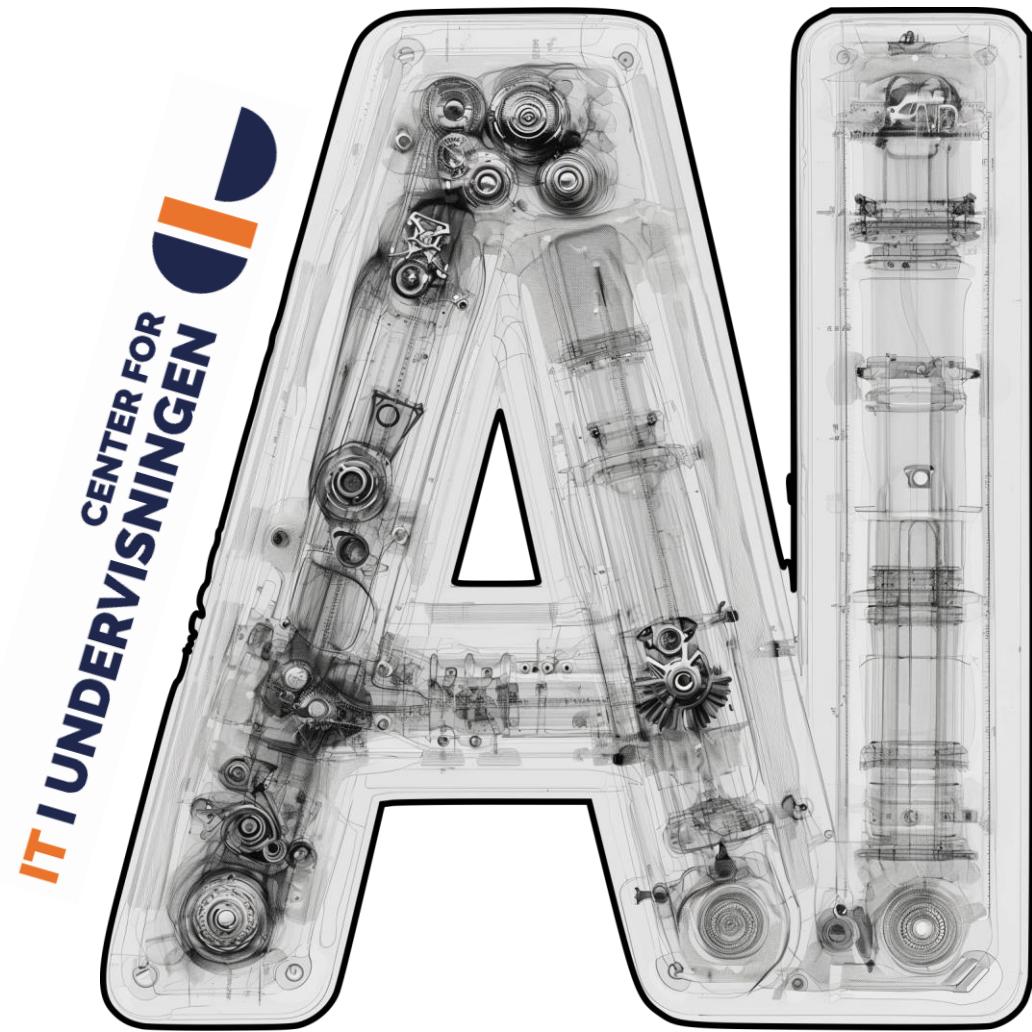
Teknologisk forførelse og manglende kritisk tænkning

Effektivisering af skolens drift og administration



Social bias og manglende kulturel forståelse

## Mulige risici

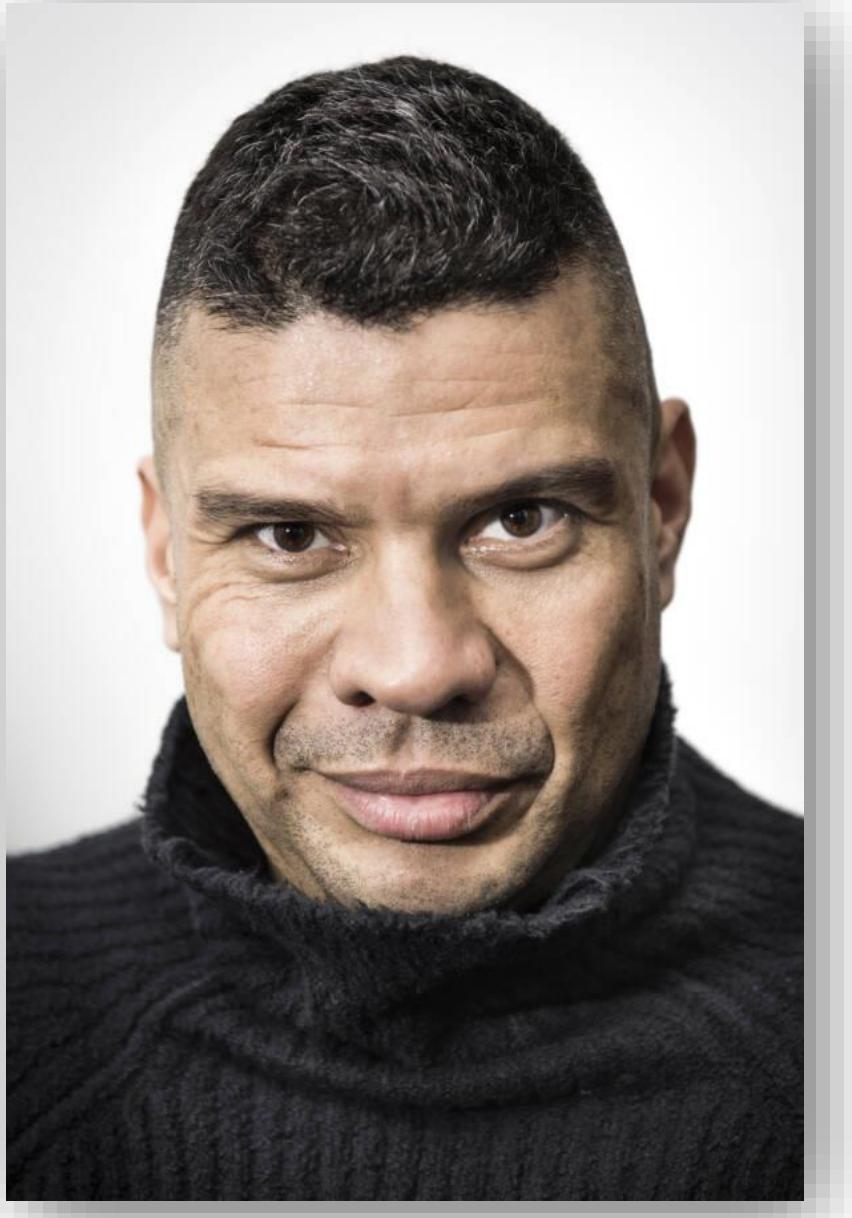


# Diskussion

lex.dk

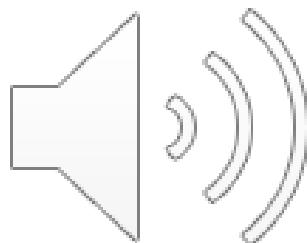
[https://youtu.be/yjqe2MB5NF8?si=xAyr\\_fDvdq0e3LBZ&t=3571](https://youtu.be/yjqe2MB5NF8?si=xAyr_fDvdq0e3LBZ&t=3571)

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## Vincent F. Hendricks.

Professor. Institut for Kommunikation.  
Uddrag fra podcasten Prompt fra DR



# AI transformerer uddannelse



**Personlige Læringsoplevelser:** AI skaber skræddersyede uddannelsesforløb baseret på hver enkelt elevs behov.



**Intelligente Tutor Systemer:** AI-drevne tutorer tilbyder skræddersyede, dynamiske læringsoplevelser med realtidsfeedback.



**Gamification:** AI gør læring til en medrivende oplevelse gennem spilelementer og interaktive metoder.



**Administrative Processer:** AI strømliner administrative opgaver, hvilket forbedrer undervisningskvaliteten.



**Nedbrydning af Sprogbarrierer:** AI's sprogoversættelsesværktøjer fremmer global læring og kommunikation.



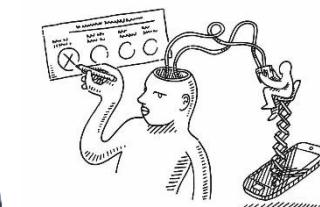
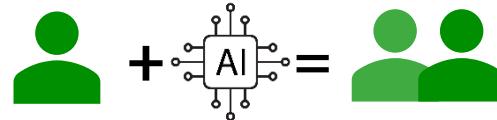
**Prædiktiv Analyser** AI forudsiger uddannelsesbehov, hjælper med at identificere og støtte elevers udfordringer.



Vi skal lære elever  
det som AI ikke  
kan



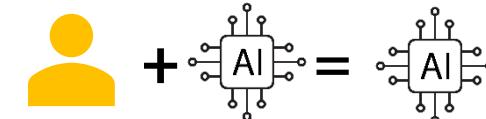
Hvor er vi på vej  
hen og hvad kan  
vi gøre ved det?

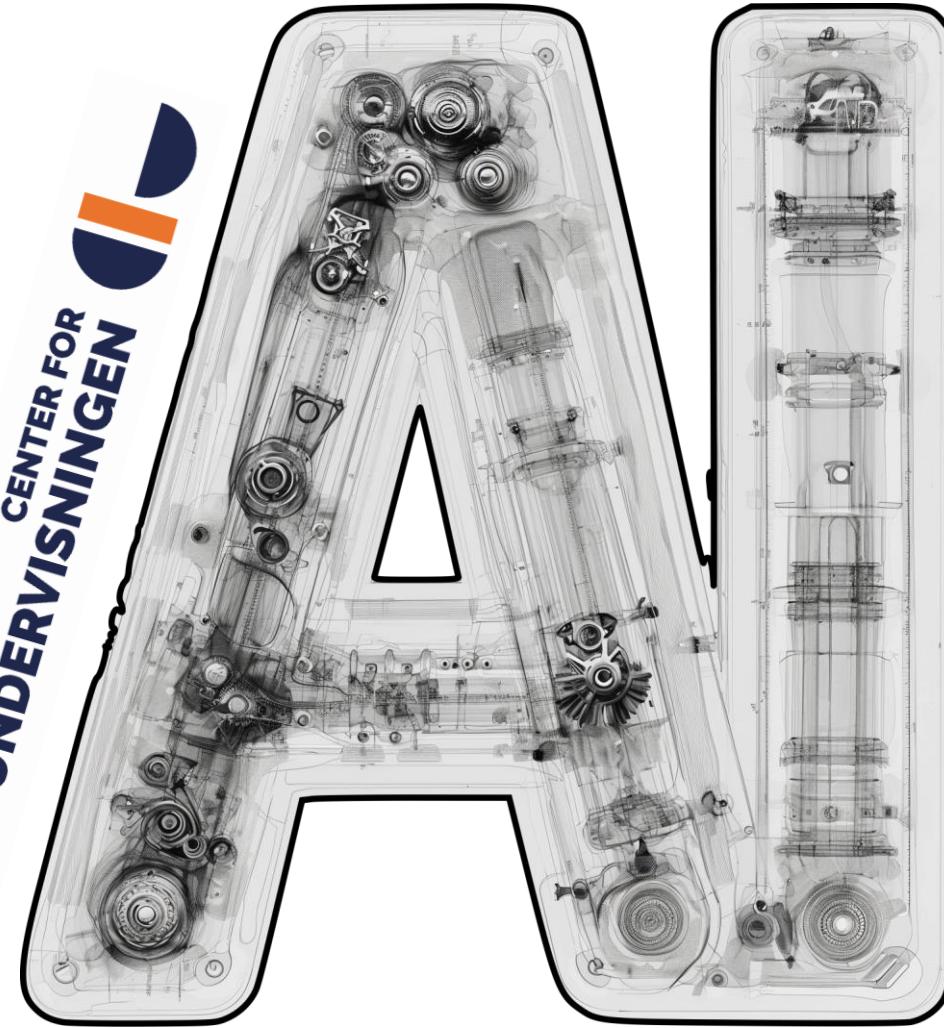


Alphabet  
Google

Meta

OpenAI





# Spørgsmål