

THIS PRESENT  
MOMENT  
USED TO BE  
THE UNIMAGINABLE  
FUTURE



Hva' Hubbi gi'r du spille den der 'Wind of Change' med Scorpions ? ligner jeg en bonderøv måske måske måske måske..

**Are we stupid – virtual influencer with 2 mio followers**



emilypellegrini · Follow  
Chichén Itzá



Hva' Hubbi sí en bonde



**50% fake media**

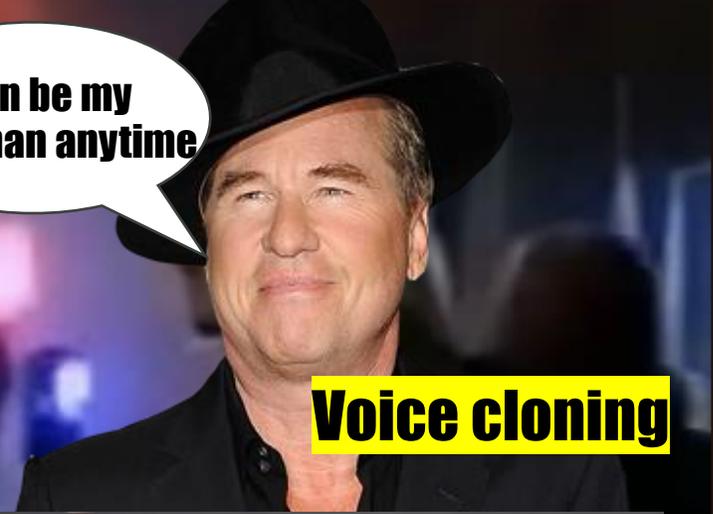


**COMPUTING NEWS**  
**It's happening: people are recreating deceased loved ones with AI**



**Death: digital doppelganger. When are we dead ?**

**You can be my wingman anytime**



**Voice cloning**

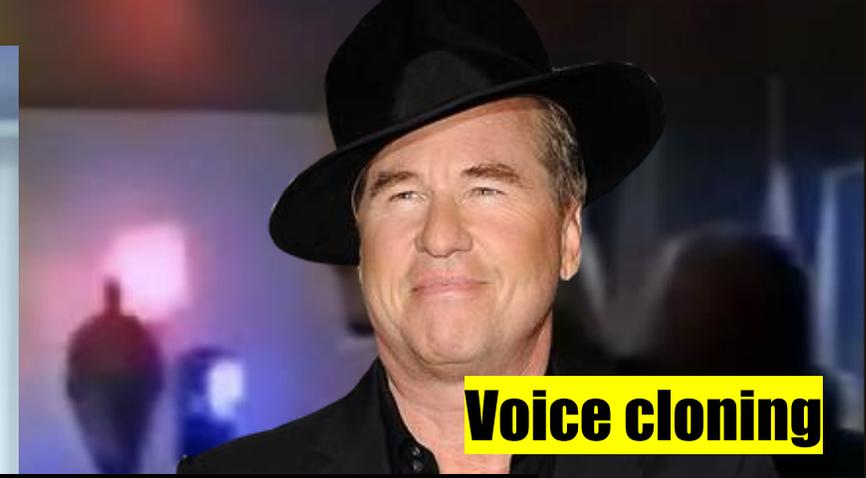
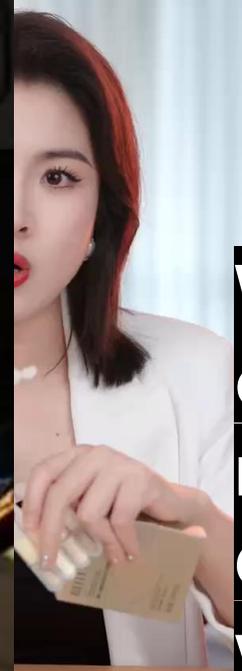


**Omnistars**

of Change' med Scor



ke



Voice cloning

We need to ask ourselves. What is the revenge effects of AI and how can we avoid worse case scenarios.

Omnistars



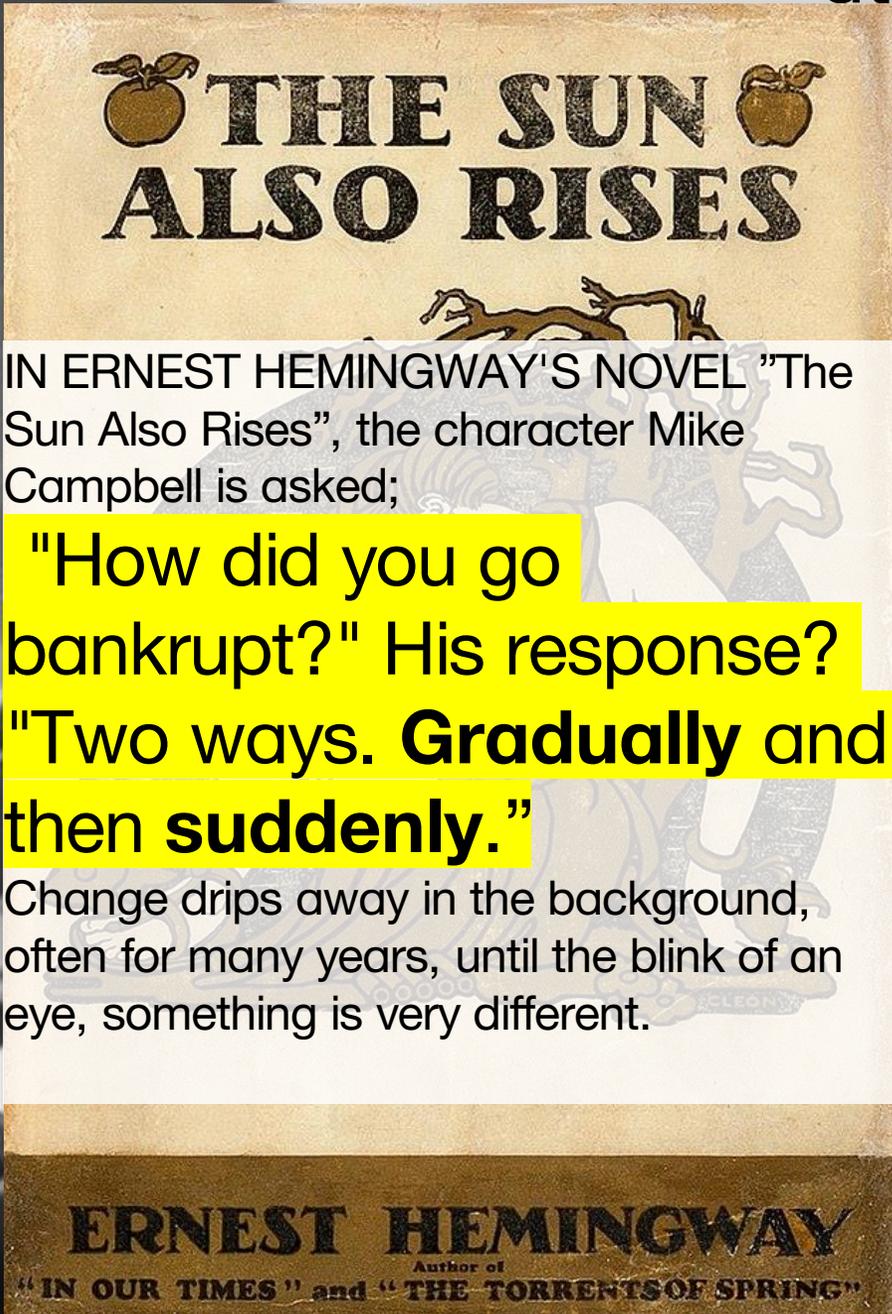
f Change' med Scorj



Using brain signals to control a robot to cook Sukiyaki (8x)  
\*Brain decoding wait period is omitted

0xgaganX





# THE SUN ALSO RISES

IN ERNEST HEMINGWAY'S NOVEL "The Sun Also Rises", the character Mike Campbell is asked;

"How did you go bankrupt?" His response?  
"Two ways. **Gradually** and **then suddenly.**"

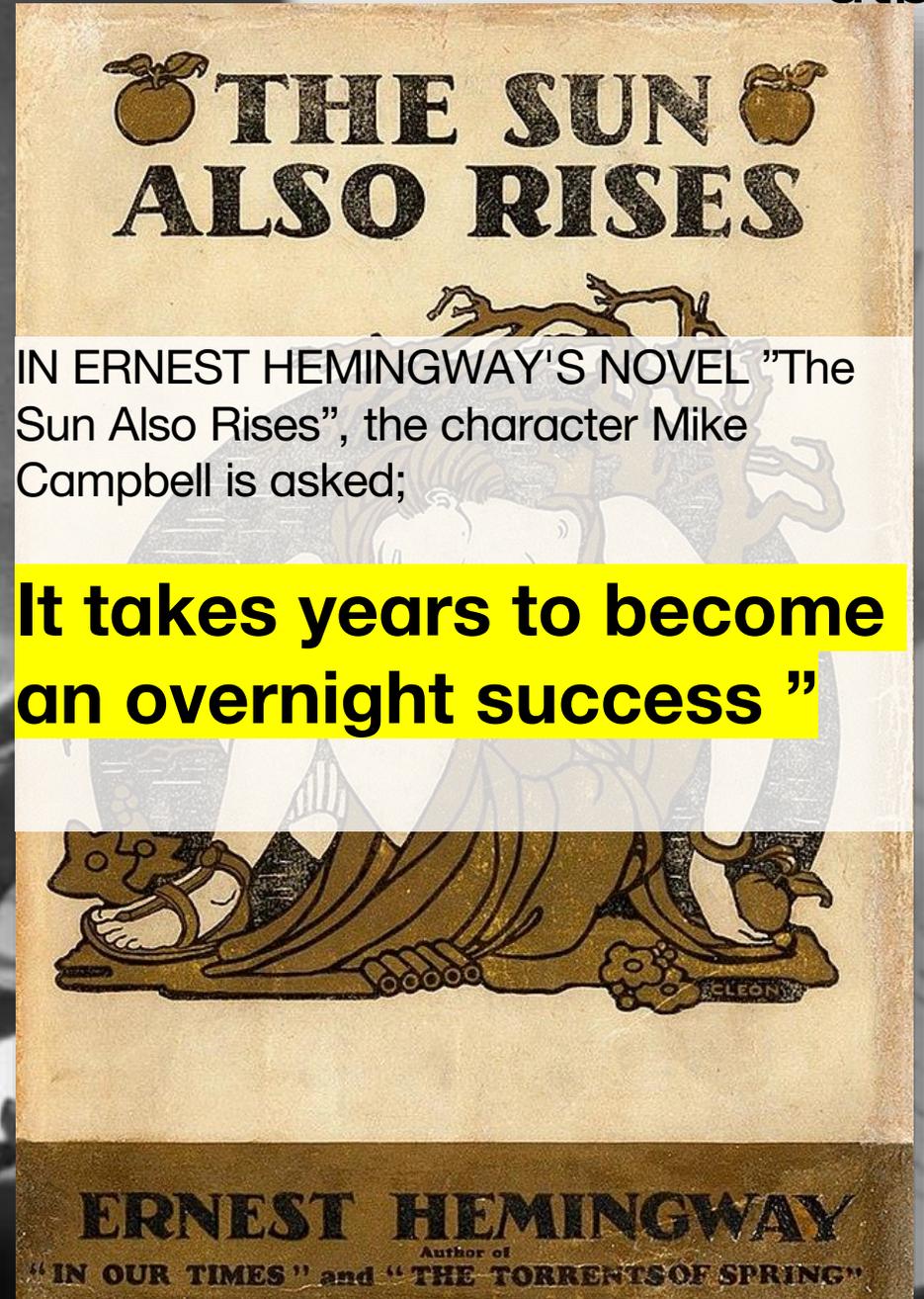
Change drips away in the background, often for many years, until the blink of an eye, something is very different.

**ERNEST HEMINGWAY**  
Author of

"IN OUR TIMES" and "THE TORRENTS OF SPRING"



The goal is not to give people what they ask for, but to make them ask for what you offer....  
Use the oldest marketing trick in the book...  
Call George Clooney



IN ERNEST HEMINGWAY'S NOVEL "The Sun Also Rises", the character Mike Campbell is asked;

**It takes years to become an overnight success "**



# ChatGPT

...is the George Clooney of AI Language Technology

Last year, ChatGPT, an advanced AI language model developed by OpenAI, took the world by storm, **seemingly emerging out of nowhere** to become a household name. However, its arrival was the result of years of gradual progress in the field of artificial intelligence and natural language processing.

## THE SUN ALSO RISES

IN ERNEST HEMINGWAY'S NOVEL "The Sun Also Rises", the character Mike Campbell is asked;

"How did you go bankrupt?" His response? "Two ways. **Gradually and then suddenly.**"

Change drips away in the background, often for many years, until the blink of an eye, something is very different.

ERNEST HEMINGWAY

Author of "IN OUR TIMES" and "THE TORRENTOF SPRING"

The story about ChatGPT, also tells us about a huge problem in the organizations today... the lack of curiosity. The lack of structures of what's next



arXiv:1706.03762v4 [cs.CL] 30 Jun 2017

Ashish Vaswani* Google Brain avaswani@google.com	Noam Shazeer* Google Brain noam@google.com	Niki Parmar* Google Research nikip@google.com	Jakob Uszkoreit* Google Research usz@google.com
--------------------------------------------------------	--------------------------------------------------	-----------------------------------------------------	-------------------------------------------------------

Llion Jones* Google Research llion@google.com	Aidan N. Gomez* University of Toronto aidan@cs.toronto.edu
-----------------------------------------------------	------------------------------------------------------------------

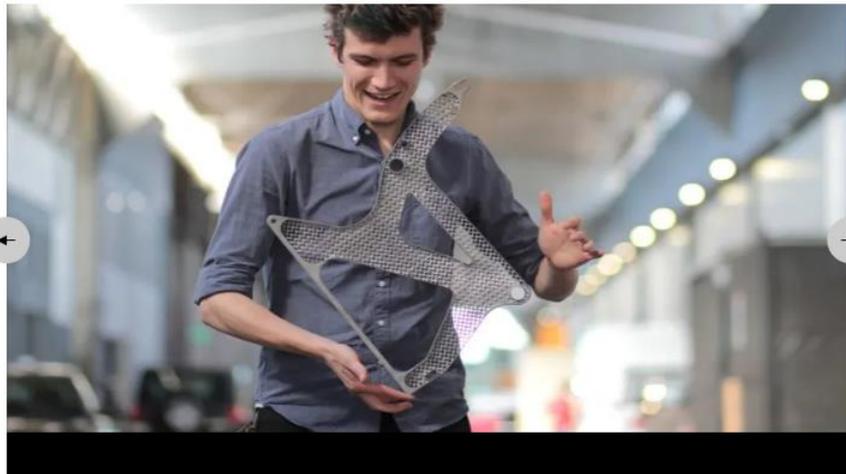
Illia Polosukhin  
illia.polosukhin@gmail.com

Abs

15-08-17

# Autodesk's Generatively Designed Cabin Seat Could Make Flying Cheaper

The redesigned seat could also save airlines \$200 million.



## 1 Intro

Recurrent in particu transduct efforts hav architectu

Recurrent sequences: states  $h_t$ , sequential

\*Equal  
!Work  
^Work  
Code:



Published as a conference paper at ICLR 2015

## NEURAL MACHINE TRANSLATION BY JOINTLY LEARNING TO ALIGN AND TRANSLATE

Dzmitry Bahdanau  
Jacobs University Bremen, Germany

chine transla-  
ral machine  
ntly tuned to  
ntly for neu-  
s and encode  
r generates a  
th vector is a  
der architec-  
(soft-)search  
word, without  
zw approach,  
ate-of-the-art  
Furthermore,  
model agree

ion, recently proposed  
(2014b). Unlike the  
hich consists of many  
attempts to build and  
translation.

family of *encoder-  
decoder* for each lan-  
outputs are then com-  
encodes a source sen-  
e encoded vector. The  
er for a language pair,  
ource sentence.

rk needs to be able to  
compress all the necessary information of a source sentence into a fixed-length vector. This may

# THE SUN ALSO RISES



IN ERNEST HEMINGWAY'S NOVEL "The Sun Also Rises", the character Mike Campbell is asked;

"How did you go bankrupt?" His response? "Two ways. **Gradually and then suddenly.**"

Change drips away in the background, often for many years, until the blink of an eye, something is very different.

ERNEST HEMINGWAY  
Author of

"IN OUR TIMES" and "THE TORRENTS OF SPRING"

The importance of being curious – we need to start asking new questions.

# What's next ? Somewhere, something incredible is waiting to be known

If the climate affect us a

What

Wh  
WO

Are we going to



Before 1970

still waiting to be

nobody

re  
s?

?

breakthrough no one

Are we going to

revolution"?



Iran 5200-4700 BCE

TOP TO BOTTOM: LADIES' BEAUTY CASE \$25.00; 21" O'NITE \$27.95; 26" PULLMAN \$42.50; MEN'S TWO-GUITER \$42.50; 24" COMPANION CASE \$32.50



Silhouette is you... slender, fast-paced, daringly elegant



This is the luggage on the go with the Go Generation. Every line is clean, uncluttered, made with a scuff and stain resistant textured finish and strong lightweight magnesium frames. The exclusive Samsonite locks are hidden. The interiors are designed for wrinkle-free packing. The colors: Oxford Grey, Dover White, Biscayne Blue, Platinum Grey, Willow for her; Tanbark, Oxford Grey, Deep Olive for him.



Before 1970 Samsonite Silhouette®

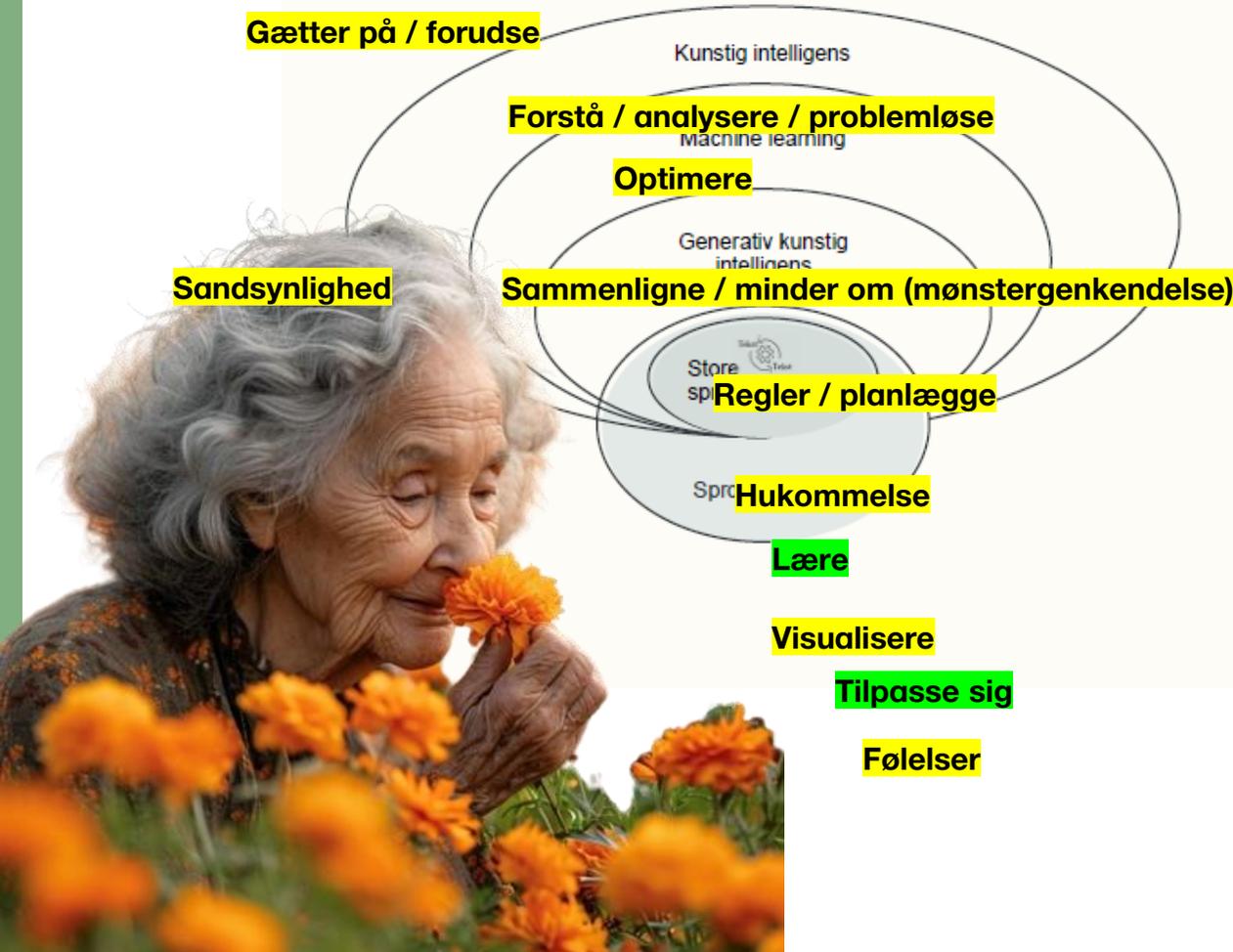
The luggage that sets the pace for luxury

SAMSONITE BAGS, INC., SUDBURY, ONT., CANADA. MANUFACTURED BY SAMSONITE BAGS, INC., SUDBURY, ONT., CANADA. © 1970 SAMSONITE BAGS, INC. ALL RIGHTS RESERVED. PRICES SLIGHTLY HIGHER.

# Generative AI – the bigger picture

The biggest **challenge** today is not artificial intelligence.. It is human intelligence. The greatest hurdle we face today isn't the potential of artificial intelligence, but rather our capacity to recognize and harness its vast opportunities.

**Skabe: Kreativitet / forestillingsevne / generere nyt**



## > KUNSTIG INTELLIGENS (AI)

Er en bred betegnelse for software, der kan udføre opgaver, der traditionelt set har krævet menneskelig intelligens – fx spam-detektion, anbefalingssystemer eller algoritmisk aktiehandel.

## > MACHINE LEARNING

Er en underkategori af kunstig intelligens, hvor en model opnår evner, efter den er trænet på en større mængde af eksempeldata, i stedet for at modtage eksPLICIT programmeringsinstruktion – fx ansigtsgenkendelse, maskinoversættelse eller tale-til-tekst-software.

## > GENERATIV KUNSTIG INTELLIGENS

Er en klasse inden for kunstig intelligens, som har evnen til at generere indhold såsom billeder, video, lyd, tekst m.m. Eksempler på disse modeller er GPT-4, PaLM, DALL·E 2 og Stable Diffusion.

## > STORE SPROGMODELLER

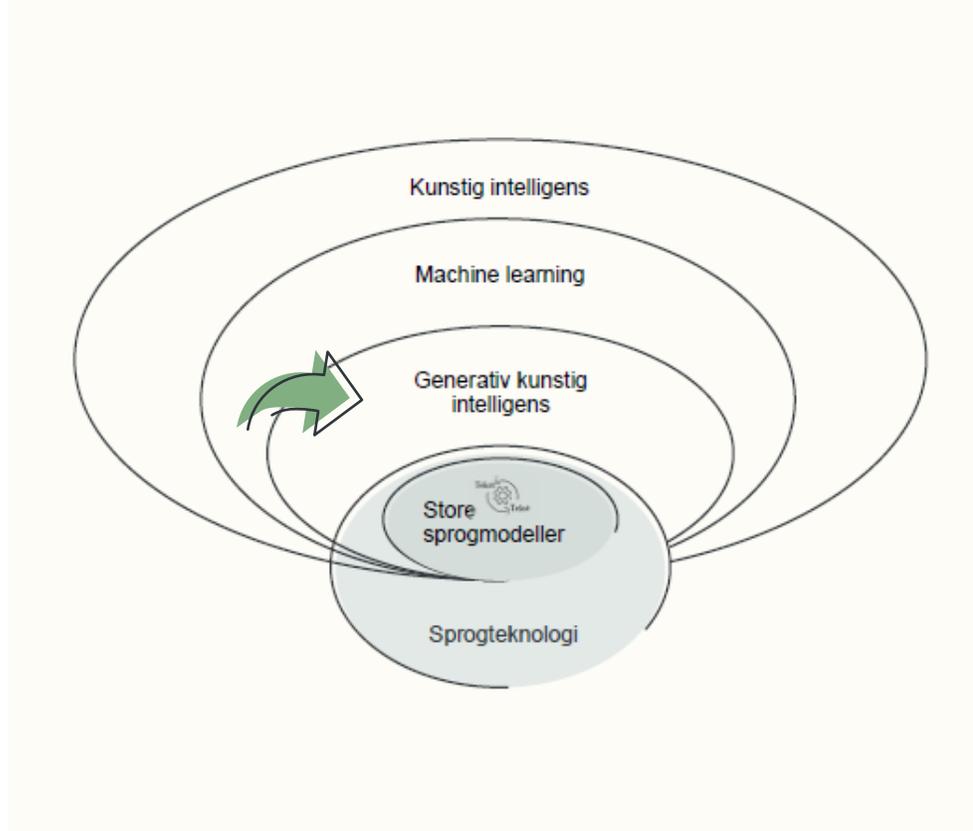
Udgør en klasse inden for generativ kunstig intelligens, der på baggrund af træning med meget store mængder tekst kan opbygge statistiske relationer mellem ord eller dele af ord (kendt som "tokens"). Dette gør det muligt for de store sprogmodeller at afkode og generere naturlig sprogtekst og dermed udføre en række tekstnære opgaver såsom opsummering eller vidensudtræk. Eksempler på store sprogmodeller er GPT-4, som ligger til grund for OpenAI's ChatGPT og PaLM-modellen bag Googles Bard.

Sprogmodeller er i dag oftest store sprogmodeller (engelsk: large language models) og kendes på deres store antal neurale parametre, der indgår i modellen. Jo flere neurale parametre, jo mere kapacitet har modellen til at lære. Traditionelle statistiske modeller vil ofte have 10-100 parametre, mens moderne store sprogmodeller ofte har over 100 milliarder parametre.

## > SPROGTEKNOLOGI

Bruges som fællesbetegnelse for teknologier, der behandler (genkender, forstår, tolker, producerer og efterligner) naturligt menneskesprog. Feltet har i de seneste år været drevet af machine learning-teknikker, men er i princippet ikke begrænset til dette. ChatGPT er et eksempel på en specifik sprogteknologi. Andre eksempler på ikke-generative teknologier kan fx være sentimentanalyse, tekstklassifikation eller egenavns-genkendelse.

# Generative AI – the bigger picture



## > KUNSTIG INTELLIGENS (AI)

Er en bred betegnelse for software, der kan udføre opgaver, der traditionelt set har krævet menneskelig intelligens – fx spam-detektion, anbefalingssystemer eller algoritmisk aktiehandel.

## > MACHINE LEARNING

Er en underkategori af kunstig intelligens, hvor en model opnår evner, efter den er trænet på en større mængde af eksempeldata, i stedet for at modtage eksplicit programmeringsinstruktion – fx ansigtsgenkendelse, maskinoversættelse eller tale-til-tekst-software.

## > GENERATIV KUNSTIG INTELLIGENS

Er en klasse inden for kunstig intelligens, som har evnen til at generere indhold såsom billeder, video, lyd, tekst m.m. Eksempler på disse modeller er GPT-4, PaLM, DALL·E 2 og Stable Diffusion.

## > STORE SPROGMODELLER

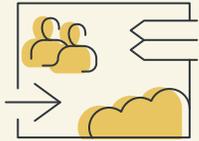
Udgør en klasse inden for generativ kunstig intelligens, der på baggrund af træning med meget store mængder tekst kan opbygge statistiske relationer mellem ord eller dele af ord (kendt som "tokens"). Dette gør det muligt for de store sprogmodeller at afkode og generere naturlig sprogtekst og dermed udføre en række tekstnære opgaver såsom opsummering eller vidensudtræk. Eksempler på store sprogmodeller er GPT-4, som ligger til grund for OpenAI's ChatGPT og PaLM-modellen bag Googles Bard.

Sprogmodeller er i dag oftest store sprogmodeller (engelsk: large language models) og kendes på deres store antal neurale parametre, der indgår i modellen. Jo flere neurale parametre, jo mere kapacitet har modellen til at lære. Traditionelle statistiske modeller vil ofte have 10-100 parametre, mens moderne store sprogmodeller ofte har over 100 milliarder parametre.

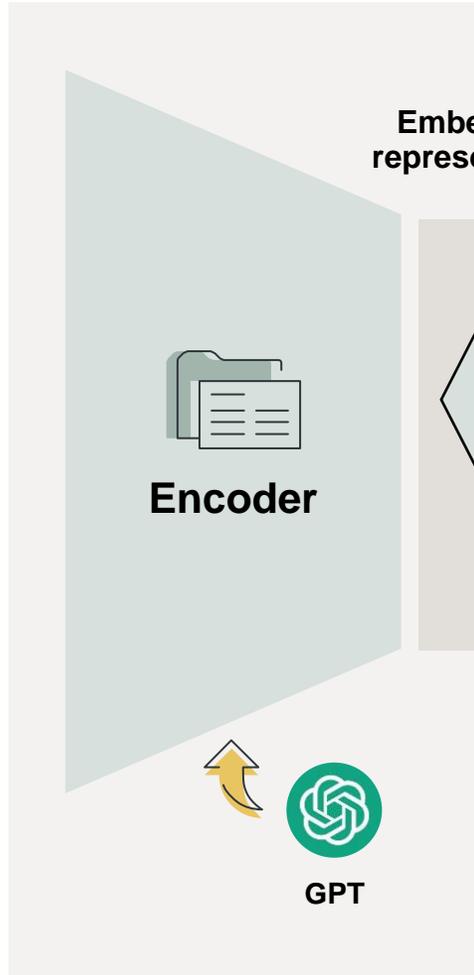
## > SPROGTEKNOLOGI

Bruges som fællesbetegnelse for teknologier, der behandler (genkender, forstår, tolker, producerer og efterligner) naturligt menneskesprog. Feltet har i de seneste år været drevet af machine learning-teknikker, men er i princippet ikke begrænset til dette. ChatGPT er et eksempel på en specifik sprogteknologi. Andre eksempler på ikke-generative teknologier kan fx være sentimentanalyse, tekstklassifikation eller egenavns-genkendelse.

# Generative AI is fundamentally two models working together: An encoder & decoder component to generate brand-new completely original artefacts at scale



**A COOL LOOKING SHIRT WITH A MODERN PRINT WITH COLORFUL FLOWERS**



halfmoon cat missing

lost cat rensselaer ny

518 lost pets

lost dog clifton park ny

halfmoon animal control

craigslist lost animals

lost my cat

1

2

3

Report inappropriate predictions

Control and the County Animal Shelter immediately upon discovery of ...

**Pets Lost, Found & Picked Up by Animal Control | Halfmoon NY**  
<https://www.townofhalfmoon-ny.gov> > animal-control > pages > pets-lost-f... ▾

**LOST:** Since August 14th, 2019 "Kanga" a male black cat with short hair and a Seresto flea collar, from Oak Hill Dri.

**Lost Cats In CLIFTON PARK, NY - Lost My Kitty**  
<https://www.lostmykitty.com> > missing-pets > petkindid=2 ▾

Sweet Pea. ID# 64118. **Lost** Female Cat. GREENFIELD CENTER, NY 12833. Domestic Short Hair; Multi, Grey-Silver; **Lost:** 2019-08-18. View Details · **Lost Cat** ...

**Lost & Found Dogs, Cats, and Pets in New York 12065 - Page 1 ...**  
<https://www.pawboost.com> > lost-found-pets > all-lost-found-stray-pets > p... ▾

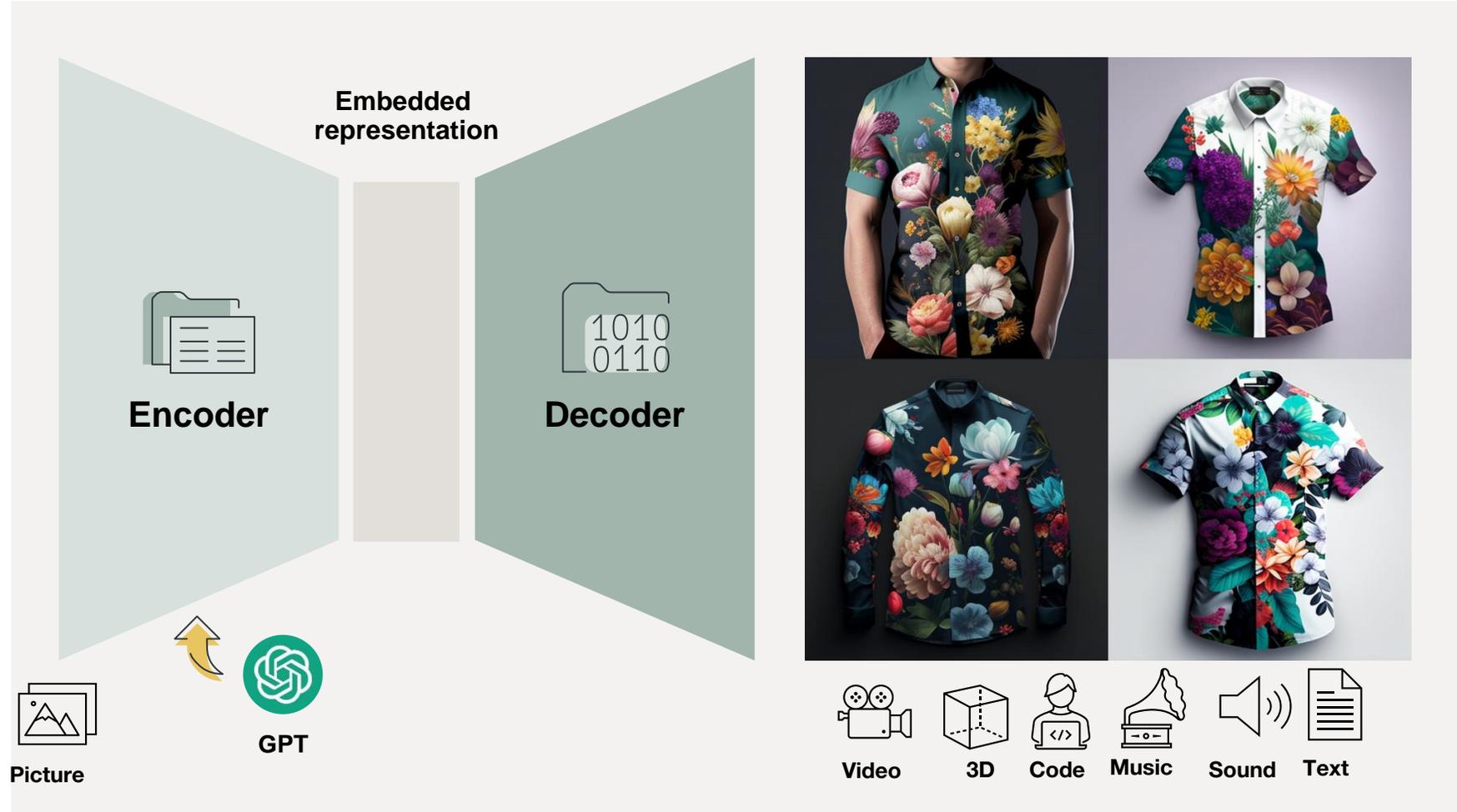
**Lost** and Found Pets Database **Clifton Park**, NY 12065. Search **lost** ... **Lost** Male Cat last seen Near Joseph Ave & Leach Ave, Albany, NY 12205 · 4 weeks ago ...

# Generative AI is fundamentally two models working together: An encoder & decoder component to generate brand-new, completely original artefacts at scale.



## A COOL LOOKING SHIRT WITH A MODERN PRINT WITH COLORFUL FLOWERS

Video 3D Code Music Sound Text



Ge  
The  
hurc  
recc

Skabe:

## ChatGPT



### Examples

"Explain quantum computing in simple terms" →

"Got any creative ideas for a 10 year old's birthday?" →

"How do I make an HTTP request in Javascript?" →



### Capabilities

Remembers what user said earlier in the conversation

Allows user to provide follow-up corrections

Trained to decline inappropriate requests



### Limitations

May occasionally generate incorrect information

May occasionally produce harmful instructions or biased content

Limited knowledge of world and events after 2021





## How can I help you today?

### Suggest some names

for my cafe-by-day, bar-by-night business

### Write a course overview

psychology behind decision-making

### Give me ideas

for what to do with my kids' art

### Explain why popcorn pops

to a kid who loves watching it in the microwave



Message ChatGPT...



## an intelligence. The greatest it rather our capacity to

### NS (AI)

for software, der kan udføre opgaver, der traditionelt set har krævet menneskelig  
ktion, anbefalingssystemer eller algoritmisk aktiehandel.

kunstig intelligens, hvor en model opnår evner, efter den er trænet på en større  
data, i stedet for at modtage eksplicit programmeringsinstruktion – fx  
skinoversættelse eller tale-til-tekst-software.

### G INTELLIGENS

unstig intelligens, som har evnen til at generere indhold såsom billeder, video, lyd,  
disse modeller er GPT-4, PaLM, DALL·E 2 og Stable Diffusion.

### ELLER

for generativ kunstig intelligens, der på baggrund af træning med meget store  
bygge statistiske relationer mellem ord eller dele af ord (kendt som "tokens").  
Je store sprogmodeller at afkode og generere naturlig sprogtekst og dermed udføre  
aver såsom opsummering eller vidensudtræk. Eksempler på store sprogmodeller er  
nd for OpenAI's ChatGPT og PaLM-modellen bag Googles Bard.

oftest store sprogmodeller (engelsk: large language models) og kendes på deres  
imetre, der indgår i modellen. Jo flere neurale parametre, jo mere kapacitet har  
ditionelle statistiske modeller vil ofte have 10-100 parametre, mens moderne store  
ver 100 milliarder parametre.

gnelsen for teknologier, der behandler (genkender, forstår, tolker, producerer og  
neskesprog. Feltet har i de seneste år været drevet af machine learning-teknikker,  
begrænset til dette. ChatGPT er et eksempel på en specifik sprogteknologi. Andre  
nerative teknologier kan fx være sentimentanalyse, tekstklassifikation eller



**Radio-vision syndrome: We need to challenge the assumptions that define us.**

**We are not good at imagining the impact of a new technology on the future.**



Enhance



Extend



Transform



Reinvent



Revolutionize

**Radio-vision syndrome: We need to challenge the assumptions that define us.**

**We are not good at imagining the impact of a new future.**

**First smartwatch - copy of a computer**



**One of the first computer games - Pong.**



**First car looked like a horse carriage**



**First electric light looked like a candlestick**



**The first bicycle - the draisine**

**A typewriter with a screen?**



Enhance

Extend

Transform

Reinvent

Size

# World Wide Web

The WorldWideWeb (W3) is a wide-area [hypermedia](#) information retrieval initiative aiming to give universal access to a large universe of

Everything there is online about W3 is linked directly or indirectly to this document, including an [executive summary](#) of the project, [Mail Policy](#), November's [W3 news](#), [Frequently Asked Questions](#).

## What's out there?

Pointers to the world's online information, [subjects](#), [W3 servers](#), etc.

## Help

on the browser you are using

## Software Products

A list of W3 project components and their current state. (e.g. [Line Mode](#), [X11 Viola](#), [NeXTStep](#), [Servers](#), [Tools](#), [Mail robot](#), [Libr](#)

## Technical

Details of protocols, formats, program internals etc

## Bibliography

Paper documentation on W3 and references.

## People

A list of some people involved in the project.

## History

A summary of the history of the project.

## How can I help ?

If you would like to support the web..

## Getting code

Getting the code by [anonymous FTP](#), etc.

World Wide Web  
YELLOW PAGES  
Order the book  
Enhance Your Listing  
enhance@mcp.com  
Yellow Pages  
FAQ  
Sales Programs  
Add Your Site  
Change/Delete Entry  
Text-only version  
New Riders Home

INTERNET MAGAZINE FREE TRIAL ISSUE FOR INTERNET PROFESSIONALS

# World Wide Web Yellow Pages

Type keywords in the box below to search the Web! They can be partial site names, URLs, or words from a description. The more keywords you supply, the more relevant the search results will be.

Search Clear

## ...or Search by Category:

- Advertising
- Agriculture
- Airlines
- Antiques and Collectibles
- Architecture
- Art
- Associations
- Athletic Organizations
- Attorneys
- Automotive
- Banking
- Bar/Tavern
- Bed and Breakfast
- Beer and Ale
- Bicycling
- Boating
- Books
- Brokerage
- Business
- Camping
- Candy
- CD Products
- Children's Products
- Cities
- Coffee
- Colleges and Universities
- Commercial
- Computers
- Convention and Visitors
- Bureaus
- Construction
- Cooking
- Countries
- Crafts
- Doctors
- Education
- Elderly Care
- Emergency Services
- Employment
- Entertainment
- Environmental
- Florists
- Food
- Games
- Gardening
- Gifts
- Government and
- Politics
- Health and Fitness
- Health Care
- History
- Hobbies
- Holiday
- Home
- Hotel/Lodging
- Humanities
- Humor
- Hunting and
- Fishing
- Information Services
- Insurance
- International
- Business
- Internet Resources
- Internet Services
- Jewelry
- Law
- Libraries
- Life Style
- Machinery
- Magazines
- Mail Order
- Marketing
- Media
- Medical
- Military
- Movies
- Museums
- Music
- Nature
- News Media
- Newspapers
- Organizations
- Pets
- Publications
- Publishers
- Racing
- Radio and Television
- Real Estate
- Recreation
- Religion
- Research
- Restaurants
- Science
- Shopping
- Software
- Sports
- Technology
- Telecommunications
- Travel
- Utilities
- Video
- Water
- Web
- Reson



Now you can add this icon and [link to us](#) from your page.

Enhance your listing ... for as little as \$250 per year  
For more information about advertising, contact [Adam Farb](#),  
(800) 545-5914 ext. 7320.  
(317) 817-7320

Follow the links below for more info about New Riders Products.

- CAD
- Networking/Communications
- Internet Technologies
- Graphics/Multimedia
- Search the Bookstore

MCP Home Bookstore Talk To Us

For comments or technical support for our books and software, select [Talk to Us](#).

# Google Search Engine

This is a demo of the Google Search Engine. Note, it is research in progress so expect some downtimes and malfunctions. You can find the older [Backrub web page](#) here.

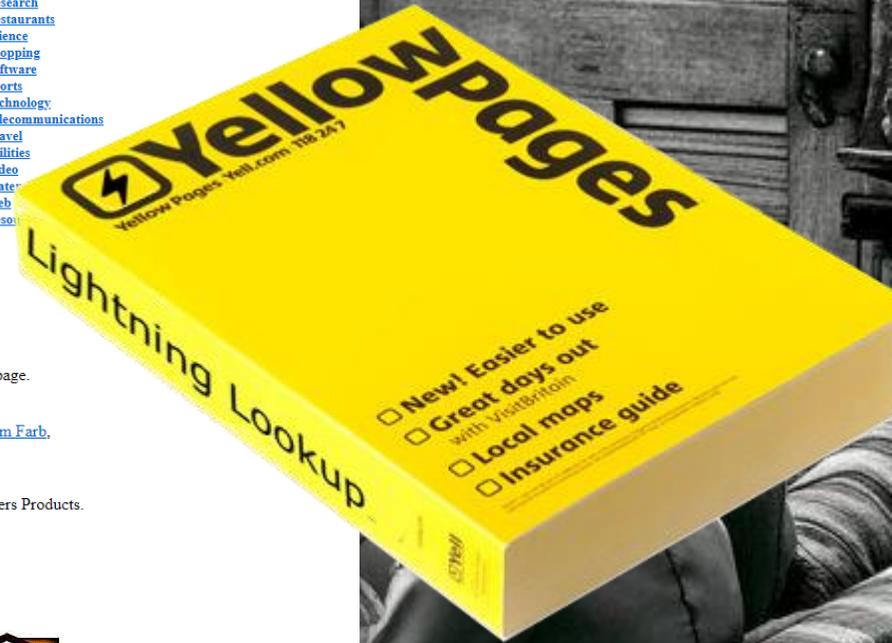
Google is being developed by [Larry Page](#) and [Sergey Brn](#) with very talented implementation help by [Scott Hassan](#) and [Alan Sterenberg](#).



Search Stanford  
  
10 results clustering on Search

Search The Web  
  
10 results clustering on Search

2210



onize

# World Wide Web

The WorldWideWeb (W3) is a wide-area [hypermedia](#) information retrieval initiative aiming to give universal access to a large universe of

Everything there is online about W3 is linked directly or indirectly to this document, including an [executive summary](#) of the project, [Mail Policy](#), November's [W3 news](#), [Frequently Asked](#)

- [What's out there?](#)
  - Pointers to the world's online information, [Help](#) on the browser you are using
- [Software Products](#)
  - A list of W3 project components and their [Technical](#) details of protocols, formats, program inter
- [Bibliography](#)
  - Paper documentation on W3 and references
- [People](#)
  - A list of some people involved in the project
- [History](#)
  - A summary of the history of the project.
- [How can I help ?](#)
  - If you would like to support the web..
- [Getting code](#)
  - Getting the code by [anonymous FTP](#), etc.

World Wide Web  
**YELLOW PAGES**  
Order the book  
Enhance Your Listing  
enhance@mcp.com

**INTERNET MAGAZINE** FREE TRIAL ISSUE FOR INTERNET PROFESSIONALS  
World Wide Web Yellow Pages  
Type keywords in the box below to search the Web!  
They can be partial site names, URLs, or words from a description.  
The more keywords you supply, the more relevant the search results will be.



## Google Search

This is a demo of the Google Search engine. You can find the old

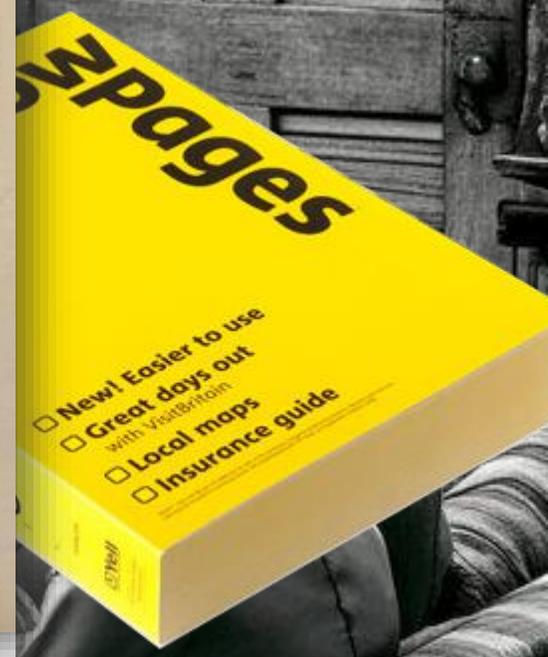
Google is being developed by Larry Page and Sergey Brin.



10 results clustering on Search

MCP Home Bookstore Talk to Us SuperLibrary Home  
MCP Home Bookstore Talk to Us  
For comments or technical support for our books and software, select Talk to Us.  
© 1996 Macmillan Publishing USA, a Simon & Schuster Company

2210



onize

Putting your curiosity at work

**Meet hotellingers law:  
The law of minimum  
differentiation.**

**These are companies that  
operates well, as long as the  
customers needs and  
expects the same things.**

**The copy-paste, benchmark,  
best practice, compliance,  
policy, recipes competetion  
What happens when you travel the same road as anyone  
else ? You become an easy target.  
Not many organisations are educating the imagination  
skills of the employees.**

## Test Manager

*Vil du have chancen for at arbejde med Quality Gates på store og små projekter med både interne og eksterne deltagere? Har du gode kommunikationsevner og trives med at være sparringspartner omkring kvalitetssikring for projektledere/-deltagere samt produktteamet? Har du erfaring med agil projektudvikling og **erfaring fra den finansielle branche**? Så er du måske PensionDanmarks nye Test Manager.*

### **Du kvalitetsstyrer vores systemer og er en dygtig sparringspartner**

Du bliver en del af teamet Test og kvalitet, der har ansvar for kvalitetsstyring i projekter og opgaver inden for it, både i forhold til eksternt- og egenudviklede systemer. Du vil blive en vigtig sparringspartner med vores produktteams, som er med til at sikre reviews, samt at Quality Gates er overholdt. Dette gælder større og mindre projekter, men også på releases og indhold af fejrløstelser eller changes til produktion. Dit fokus vil blive på at formidle, hvordan der sikres en effektiv testplanlægning og hvilke testaktiviteter, der er nødvendige for at sikre kvaliteten af leverancerne på tværs af alle involverede parter – både internt og eksternt – og at sikre, test udføres inden for de fastsatte rammer.

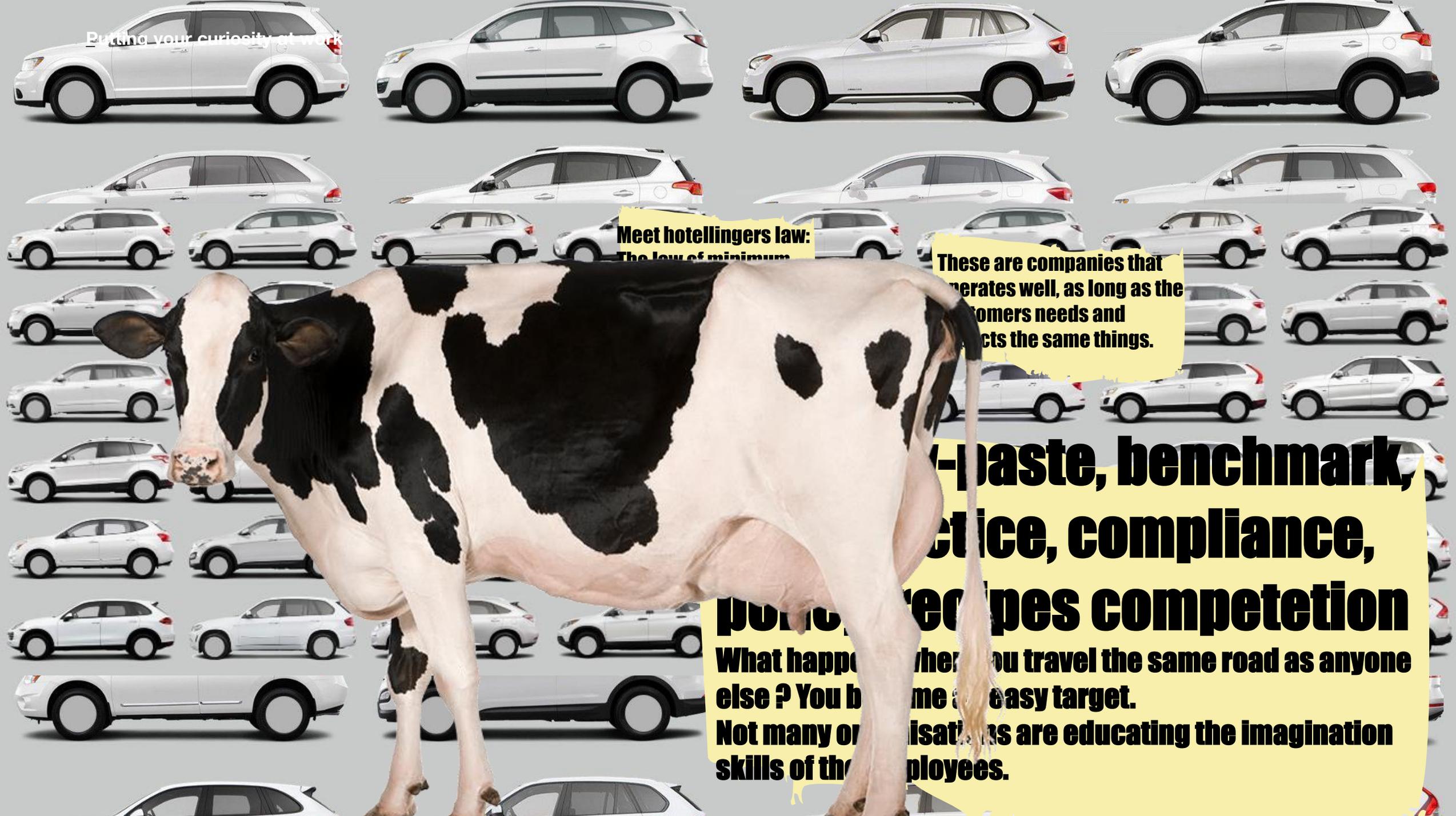
Du får ansvaret for at være med til at modne og styrke området sammen med dine kollegaer. Test- og kvalitet har ansvaret for at beskrive og vedligeholde processer og skabeloner i test, test automatiseringsstrategi, værktøjer, der benyttes i test, samt testdatastrategi. Teamet består af 12 medarbejdere og en teamleder beliggende i it-afdelingen. It-afdelingen består derudover af it-udvikling, it-processer, it-drift og support samt FinOps og Performance-team.

Putting your curiosity at work

Meet hotellingers law:  
The law of minimum

These are companies that  
operates well, as long as the  
customers needs and  
affects the same things.

Copy-paste, benchmark,  
ethics, compliance,  
public perception competetion  
What happens when you travel the same road as anyone  
else? You become an easy target.  
Not many organisations are educating the imagination  
skills of their employees.



**Radio-vision syndrome: We need to challenge the assumptions that define us.**

**We are not good at imagining the impact of a new technology on the future.**

 **TikTok** 

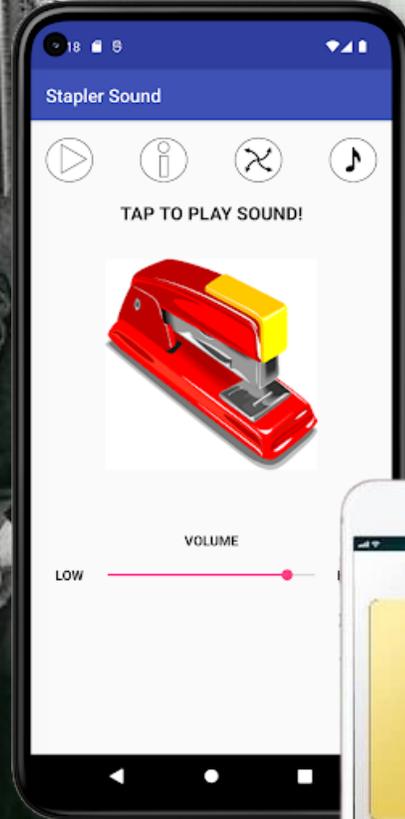
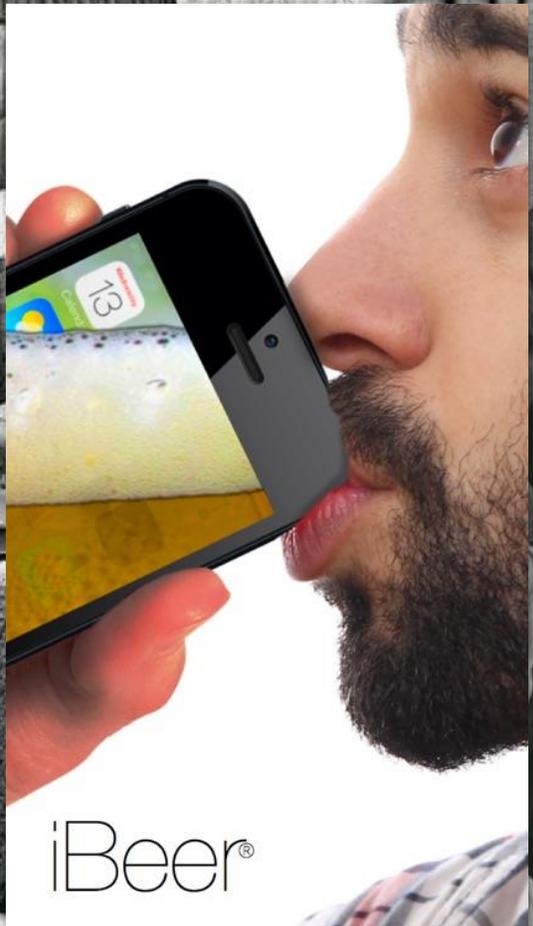


Changing the restaurant business.  
44% of 13-39-year-olds have cooked a recipe that was going viral on social media.  
And the music business...



Enhance      Extend      Transform      Reinvent      Reimagine

**This is where we are at current point in time with Generative AI. What is why it is so important we experiment with Generative AI!**



A.I. TURNS THIS SINGLE  
BULLET POINT INTO A  
LONG EMAIL I CAN  
PRETEND I WROTE.



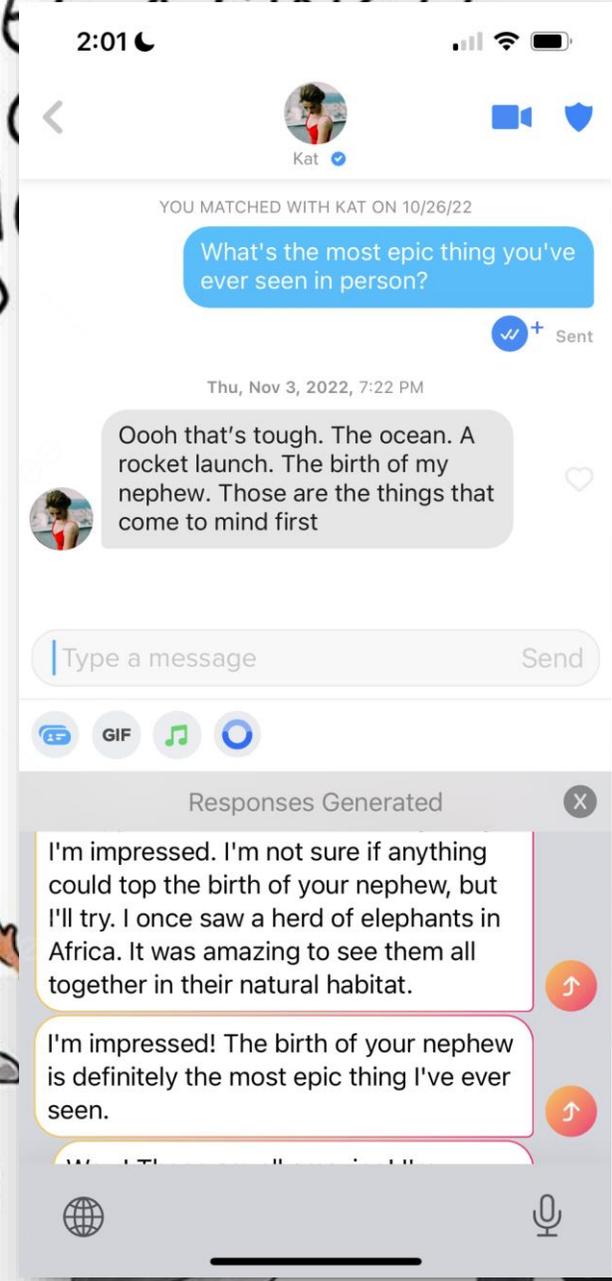
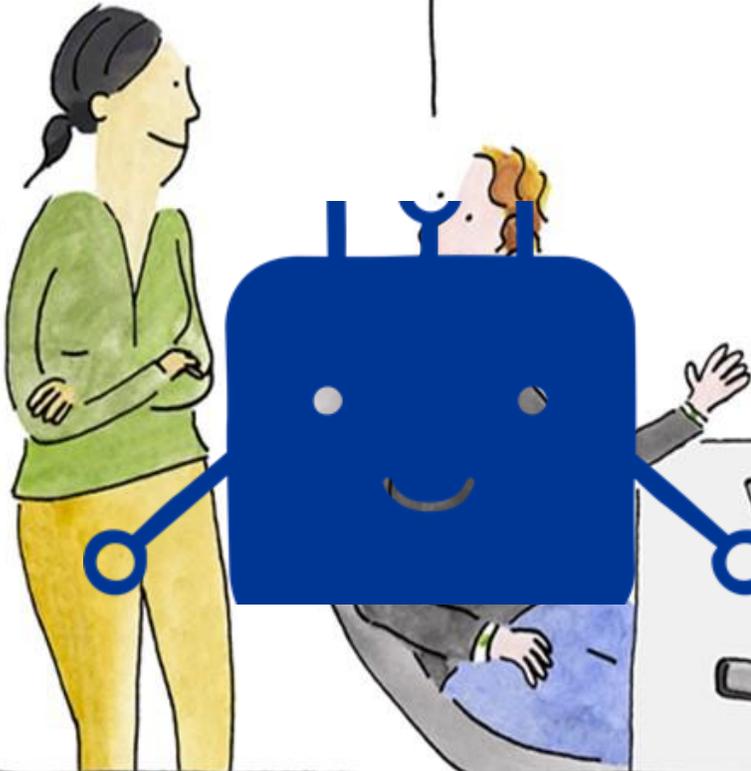
A.I. MAKES A SINGLE  
BULLET POINT OUT OF  
THIS LONG EMAIL I CAN  
PRETEND I READ.



TOM  
FISH  
BURNE

A.I. TURNS THIS SINGLE BULLET POINT INTO A LONG EMAIL I CAN PRETEND I WROTE.

A.I. MAKES A SINGLE BULLET POINT INTO A LONG EMAIL I CAN PRETEND I WROTE.



We do GenAI WRONG – it's not transformational.

We need to ask the TECHNOLOGY: **What kind of capability are you really ? What are we NOT doing today, that we wish we could do ?**

Instead accelerating business-as-usual, creating faster and longer PowerPoints, **rethink.**

\*We don't make a submarine to swim like a fish

# AI REDEFINES OUR “ABILITIES” AND REMOVE THE BARRIERS AND CONSTRAINTS

**Genevieve Roch-Decter, CFA** @GRDecter

ChatGPT has passed:

- United States medical license exam
- The Bar Exam
- MBA operations exam

Knowledge workers should be very worried

Readers added context they thought people might want to know

ChatGPT has not passed the bar exam. It got a 50% (not passing) on the MBE multiple choice section which is just half of the bar exam. It has not passed anywhere near passing, the written portion of the exam. [vice.com/en/article/ake...](https://www.vice.com/en/article/ake...)

Do you find this helpful? Rate it

Context is written by people who use Twitter, and appears when rated helpful by others. [Find out more.](#)

8:47 PM · 23 Jan 23

1.6M Views 2,447 Retweets 548 Quote Tweets

14.1K Likes

**Noor Siddiqui** @noor\_siddiqui\_ · 23h

Pretty absurd that chatGPT has passed the United States Medical Licensing Examination (USMLE).

Today, it takes 4 years of med school and 2+ years of clinical rotations to pass. It tests ambiguous scenarios & closely-related differential diagnoses

**medRxiv** Performance of ChatGPT on USMLE: Potential for AI-Ass...  
medrxiv.org

410 2,770 10.4K 2.7M

**Noor Siddiqui** @noor\_siddiqui\_ · 23h

Step 1 is taken after 2 yrs of med school, covers basic science, pharmacology, and pathophysiology. students study for 300+ hours on average to pass.

Step 2 is taken after 4 yrs of med school + 1.5 to 2 yrs of clinical rotations, covers clinical reasoning & medical management

4 27 367 113K

**Kenneth Goodman** @pythonprimes

#OpenAI's ChatGPT is ready to become a lawyer, it passed a practice bar exam! Scoring 70% (35/50). Guessing randomly would happen < 0.00000001% of the time

1:16 AM · 11 Dec 22 · Twitter Web App

164 Retweets 50 Quote Tweets 1,404 Likes

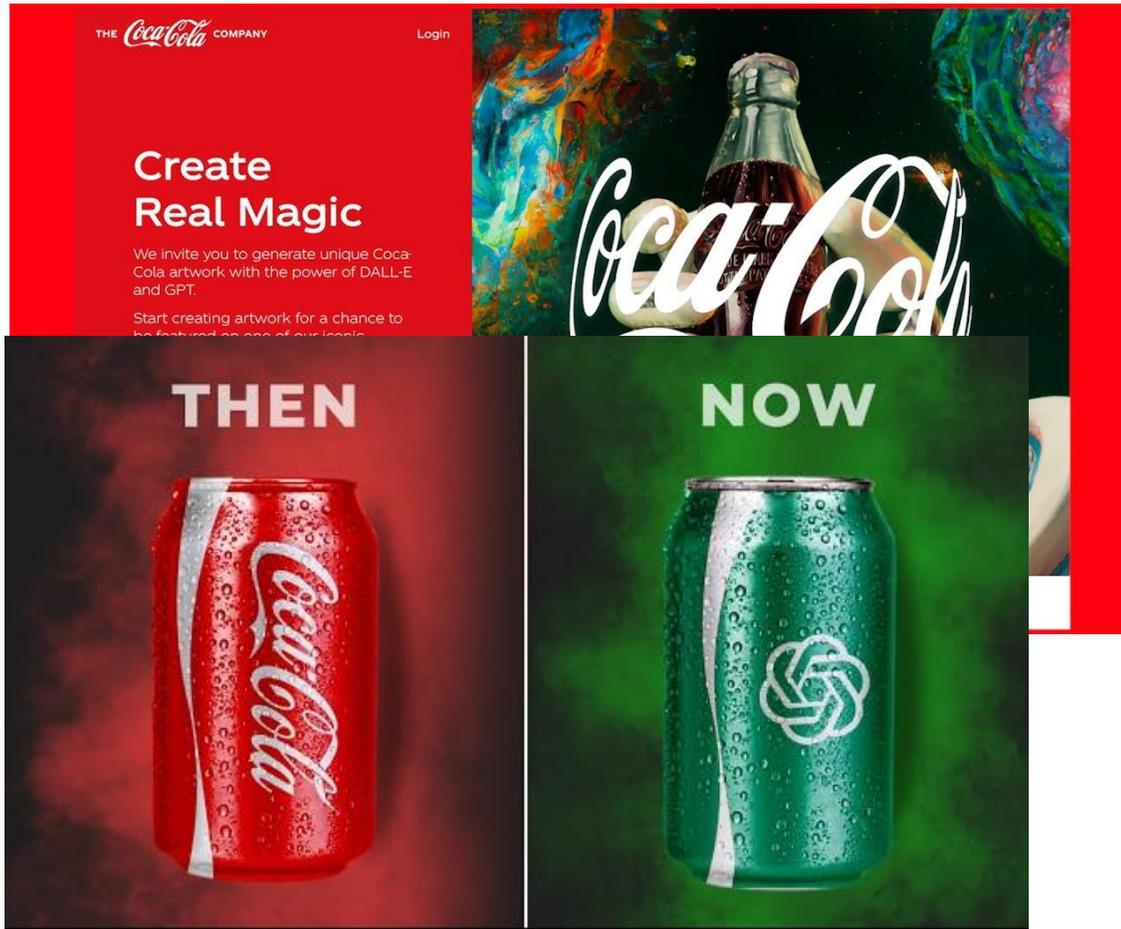
# AI REDEFINES OUR “ABILITIES” AND REMOVE THE BARRIERS. THINGS WILL BECOME EASIER TO DO

Something that is special about generative AI is how it reduces the barrier to entry to create anything. Creativity is no longer *constrained* by technical ability !



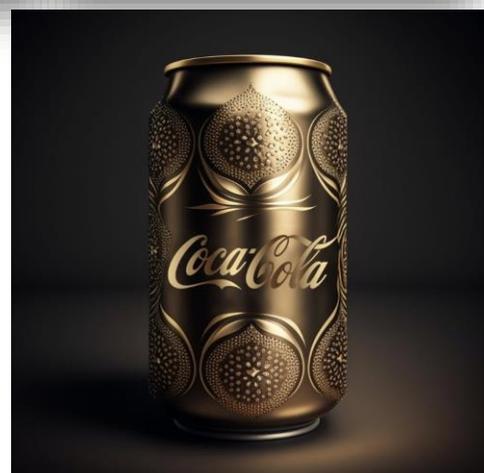
# AI AMPLIFIES OUR ABILITIES AND LETS US DO MORE— GETTING ACCESS TO 'INFINITE' RESSOURCES !

...allowing us to be more. be better. be stronger. be faster...



# AI REDEFINES OUR “ABILITIES” AND REMOVE THE BARRIERS. THINGS WILL BECOME EASIER TO DO

Something that is special about generative AI is how it reduces the barrier to entry to





A Coca-Cola advertisement featuring a stylized illustration of a woman's face with pink lips and blonde hair. The text "Coca-Cola" is written in the classic white script font across the center. Below it, the words "Real Magic" are written in a smaller, white, sans-serif font. The background is a mix of yellow and brown tones.

A Coca-Cola advertisement featuring a can of Cherry Coca-Cola. The can is purple and has "Cherry" written at the top. The text "Coca-Cola" is in the classic white script font. Below it, the words "FLAVORS" are written in a smaller, white, sans-serif font. The background is a solid purple color.

A Coca-Cola advertisement featuring a couple in red outfits standing under a rainbow. The text "Coca-Cola" is in the classic white script font. Below it, the words "Real Magic" are written in a smaller, white, sans-serif font. The background is a mix of green and red colors.

A Coca-Cola advertisement featuring a can of Original Taste Coca-Cola. The can is red and has "ORIGINAL TASTE" written at the bottom. The text "Coca-Cola" is in the classic white script font. The background is a solid red color.

A Coca-Cola advertisement featuring a woman in a blue dress holding a Coca-Cola can. The text "Coca-Cola" is in the classic white script font. Below it, the words "Real Magic" are written in a smaller, white, sans-serif font. The background is a solid yellow color.

A Coca-Cola advertisement featuring a can of Zero Sugar Coca-Cola. The can is red and has "ZERO SUGAR" written at the bottom. The text "Coca-Cola" is in the classic white script font. The background is a solid red color.

A Coca-Cola advertisement featuring a couple kissing. The text "Coca-Cola" is in the classic white script font. Below it, the words "Real Magic" are written in a smaller, white, sans-serif font. The background is a mix of black and white colors.



These innovations let anyone add, expand, or remove content from images using simple text prompts. Users can now experiment with their ideas, ideate around different concepts, and produce dozens of variations faster than ever before.



This space is for the ControlNet model [Drawing2Map](#)

### Brush Type

- |                                                |                                            |                                             |
|------------------------------------------------|--------------------------------------------|---------------------------------------------|
| <input type="checkbox"/> building              | <input type="checkbox"/> pervious surface  | <input type="checkbox"/> impervious surface |
| <input type="checkbox"/> bare soil             | <input type="checkbox"/> water             | <input type="checkbox"/> coniferous         |
| <input checked="" type="checkbox"/> deciduous  | <input type="checkbox"/> brushwood         | <input type="checkbox"/> vineyard           |
| <input type="checkbox"/> herbaceous vegetation | <input type="checkbox"/> agricultural land | <input type="checkbox"/> plowed land        |
| <input type="checkbox"/> swimming pool         | <input type="checkbox"/> snow              | <input type="checkbox"/> clear cut          |
| <input type="checkbox"/> mixed                 |                                            |                                             |

### Brush Size

50



[Generate Map](#) [Save Result](#)





A three-panel Coca-Cola billboard. The left panel is yellow with the word "Coca-Cola" in red script. The middle panel is red and features a condensation-covered can of "Coca-Cola ZERO SUGAR". The right panel is black and shows a couple kissing, with the text "Coca-Cola" in red script and "Real Magic" in red below it.



This time is different.

atp=

## Enter the age of AI

# AI TOOK MY JOB...

TO  
L

*'From creators  
to editors /  
evaluators'*

### AI as a personal assistant, partner, coach

that can help us make more work done. Supporting the roles that we have. More productive, more efficient

We understand the industrial revolution and the AI revolution is poised to be as knowledge work.

*'Don't work  
Design work'*

### Team of AI's – swarm intelligence

just like a personal assistant, but multiplied in capability and reach.

Through Generative AI, we are a new world. A world where machines perform analytical tasks but also create, imagine and innovate.

How many of us wish we had a personal butler or maid? A Mr. Carson or Batman's Alfred?

### AI as a creator of the new

new models, new insights, new breakthroughs, new capabilities.. Accelerating beyond human capabilities

### AI is becoming an actor

taking on tasks autonomously, making decisions based on vast datasets, and interacting seamlessly in environments designed for humans. It's not just a tool in the background; it's now at the forefront, actively participating and even leading certain operations.



This time is different.

atp=

## Enter the age of AI

# AI TOOK MY JOB...

TO  
L

**'From creators  
to editors /  
evaluators'**

### AI as a personal assistant, partner, coach

that can help us make more work done.  
Supporting the roles that we have. More  
productive, more efficient

We  
und  
revo  
produ  
poised to  
work.

**'Don't work  
Design work'**

### Team of AI's – swarm intelligence

just like a personal  
assistant, but multiplied  
in capability and reach.

Through Generative AI, we are  
a new world. A world where machines  
perform analytical tasks but also  
create, imagine and innovate.

How many of us wish we had a personal butler or  
maid ? A Mr. Carson or Batman's Alfred ?

### AI as a creator of the new

new models, new insights, new break  
throughs, new capabilities.. Accelerating  
beyond human capabilities

### AI is becoming an actor

taking on tasks autonomously, making  
decisions based on vast datasets, and  
interacting seamlessly in environments  
designed for humans. It's not just a tool in  
the background; it's now at the forefront,  
actively participating and even leading  
certain operations.



# The modern **Turing Test**\*

**Next-level AI – when Generative AI / AI moves from knowledge to actions.**

## **Hi AI Go make 1 million on Amazon**

Go make 1 million on Amazon in a few months with just a 100,000 investment. It might research the web to look at what's trending, finding what's hot and what's not on Amazon Marketplace; generate a range of images and blueprints of possible products; send them to a drop-ship manufacturer it found on Alibaba; e-mail back and forth to refine requirements and agree on a contract; design a seller's listing; and continually update marketing materials and product designs based on buyer feedback

## **Hi AI Turn a small urban garden into a lush paradise**

Turn a small urban garden into a lush paradise with just \$1,000 in hand. It could scour the internet for the most suitable plants for the given climate and soil conditions; identify the most sustainable and aesthetic gardening techniques; design a garden layout based on the space's dimensions; connect with local nurseries and organic suppliers; create a maintenance schedule; and continually adjust plant choices and arrangements based on seasonal changes and growth patterns.

## **Hi AI Develop a top-charting mobile game starting**

Develop a top-charting mobile game starting with just a \$10,000 budget. It might comb through app store data to identify trending game genres; prototype various game mechanics and narratives; connect with freelance game designers and illustrators it found on platforms like Upwork; manage feedback loops and iterations with developers; launch a beta test phase; and continuously refine gameplay and graphics based on user



# AgentGPT

Interested in automating businesses with AI Agents? Apply here >

- TravelGPT** 🌴  
Plan a detailed trip to Hawaii
- CalculusGPT** 📖  
Create a study plan for an intro to Calculus exam
- HustleGPT** 🚀  
Create a comprehensive report for how to scale a startup to 1000 customers

Name	HustleGPT 🚀	Tools ⚙️
Goal	Create a comprehensive report for how to scale a startup to 1000 customers	Play ▶️

# tomorrow

[tuh-mawr-oh] *noun*

---

a mystical land where 99% of all human productivity, motivation and achievements are stored.



## Change The Way We Interact, Adaptive Interfaces, Multimodal & Next Level Self-Service

Generative AI will redefine how we interact with computers and technology. Natural language processing and conversational AI will enable more intuitive, human-like interactions with machines. Self-service will reach new heights as AI-powered chatbots and virtual assistants can handle complex tasks and inquiries, further reducing the need for human intervention. AI-driven accessibility solutions can empower individuals with disabilities by providing tailored support and adaptive technologies that promote inclusivity and equal access. Generative AI can dynamically create user interfaces based on individual user behavior or preferences. With the growth of devices and interfaces, Generative AI can seamlessly generate content across different modes—visual, auditory, tactile—enhancing the holistic user experience.



## Next Level Personalization and Customer Engagement

It enables organizations to deliver highly personalized experiences to customers. By analyzing customer data, it can recommend tailored products, marketing messages or services, enhancing customer satisfaction and loyalty. *Narrative Evolution:* Generative AI will transform how organizations communicate and tell their stories.



## Birth of 'Superhumans' Learning/Cognitive Multiplier

Generative AI serves as a cognitive multiplier, enhancing the capabilities of employees. It can continually learn from data and interactions, adapt to evolving scenarios, and assist in upskilling the workforce. For example, it can provide personalized training modules for employees, accelerating their professional development and contributing to a more knowledgeable and adaptable workforce.



## Agility, Adaptability and Rapid Prototyping

Generative AI can enable organizations to adapt rapidly to changing circumstances, such as market disruptions or unexpected events like the COVID-19 pandemic, by automating responses and scenario planning. For industries like manufacturing or product design, Generative AI can accelerate the prototyping process by suggesting numerous design variations quickly. *Speed to Market.* By generating prototypes, designs, or ideas rapidly, businesses can reduce their time to market for new products or services, gaining a competitive edge.



## New Business Models + Distributed and Cross-disciplinary Innovation

Generative AI can enable organizations to explore entirely new business models. For instance, community-driven and crowdsourced business models. These innovative models can redefine industry dynamics and create fresh opportunities for growth. Generative AI will support distributed innovation networks. Organizations can tap into external expertise and crowdsourced innovation platforms to solve complex problems and drive product development. By blending insights from different fields, Generative AI can catalyze innovations that might not emerge from a singular domain focus. Visionary organizations leverage Generative AI to decentralize their research and development efforts. They open their R&D challenges to a global community of problem solvers, using AI to curate and prioritize ideas, concepts, and prototypes. This unconventional approach transforms traditional research processes and leads to discoveries beyond the organization's original scope.



## Accelerated Research and Development

In sectors like pharmaceuticals or materials science, Generative AI can expedite research and development by simulating experiments, predicting outcomes, and suggesting optimal approaches or venturing into unknown "domains". This will also assist strategic planning. AI can be used to develop unconventional strategies for competitive advantages.



## Rise of Autonomous Organizations + Agents (machine assistants)

Generative AI will give rise to autonomous organizations and intelligent agents that can make decisions and execute tasks independently. Organizations that leverage Generative AI effectively will exhibit exponential growth potential. They will be capable of rapidly scaling operations, driving innovation, and outpacing traditional competitors by harnessing data-driven insights, automation, and agility to create new markets and business models.



## Digital doppelganger

Generative AI will facilitate the creation of digital doppelgangers or AI avatars that can represent individuals or entities in the digital realm. These avatars can perform tasks, make decisions, and interact with others on behalf of their real-world counterparts. For example, in customer service, an AI-powered avatar can assist customers in a virtual environment, providing a personalized experience.



## Reimagined Creativity + Second Brain (AI-Powered Serendipity)

Generative AI has the potential to augment human creativity by generating novel ideas, designs, and content. For instance, in the creative industries, it can help generate music, art, or marketing content, fostering innovation. AI algorithms can produce a multitude of ideas in seconds based on predefined criteria or creative prompts. Generative AI can also assist you in evaluating those ideas by analyzing the feasibility, market potential, and alignment with business objectives of creative ideas. Generative AI can introduce an element of serendipity into innovation processes. By generating unexpected ideas and insights, it can lead organizations to discover new opportunities and uncharted territories. By incorporating Generative AI into the creative process, organizations can foster a culture of innovation. Employees are encouraged to collaborate with AI systems, exploring unconventional and AI-inspired ideas..



## Data augmentation, scaled insights generative analytics

Generative AI can provide data-driven insights and predictive analytics, aiding in more informed decision-making. It can process vast amounts of data to identify trends, risks, and opportunities, assisting leaders in making strategic choices. AI solutions can sift through stacks of information and deliver valuable summaries in seconds.



## Productivity, automation and quality acceleration

Generative AI can automate routine tasks and generate content, freeing up employees to focus on higher-value activities. For instance, it can automate report generation, data analysis, and even code writing (incl UT and documentation), thereby enhancing overall productivity. For instance, AI-powered code generators can take high-level requirements and design specifications and produce functional code, including unit tests and documentation. This not only accelerates software development but also ensures code quality and consistency across projects.



## Consumers as Producers & passion economy

Generative AI will empower consumers to become active producers and creators of content and products fostering a more participatory culture in content creation and design. Through AI-driven customization and co-creation platforms, organizations can allow customers to design personalized products or tailor their own experiences. This shift blurs the lines between consumers and producers, enhancing customer engagement and loyalty. *Democratization of Creativity.* Generative tools, when made<sup>4</sup> available to the public, can democratize the creation process, allowing more people to participate in artistic or innovative endeavors.

A large, dark, reflective glass cube is the central focus of the image. It is situated in a modern, brightly lit interior space, possibly a museum or gallery, with high ceilings and large windows. The cube's surface is highly reflective, showing distorted reflections of the surrounding environment, including the floor and other parts of the room. The overall color palette is dominated by dark blues and greys, with some lighter tones from the background. The text is overlaid on the cube in a bold, white, sans-serif font.

**Prototypes don't make money !**

**.. And building capabilities around lessons learned from prototypes don't either.**