

Digitalització Aplicada al Sistema Productiu

RA1 Classe 01

Què és la digitalització?

Què és la digitalització?



Paraula a buscar

digitalitzar



Buscar

Esborrar

Conjugació

Resultats

digitalitzar

digitalitzar [didʒitalizár] *v. tr. INFORM.* Convertir (una representació analògica) en una representació digital.

1 de 1



Total: 1 resultat



Obra

Gran Diccionari de la llengua ca ▾

Cerca

☒ Cerca per entrada ☐ Cerca en tot el diccionari

Obra

Gran Diccionari
de la llengua
catalana[Contacta amb
Diccionari.cat](#)

Amb el suport de:



■ digitalitzar

Etimologia: *de digital*

verb transitiu ELECTRÒNICA i INFORMÀTICA Codificar en sistema digital una informació analògica.

Informació complementària

[► Conjugació](#)

Comparteix ▾



Traducció


[► Alemany](#)
[► Francès](#)

Què entenem per digitalització?

La digitalització és el procés de transformar informació, objectes i processos físics o analògics en formats digitals mitjançant la utilització de tecnologies informàtiques.

Aplicant-ho a les empreses del sector
parlaríem de transformació digital

La transformació digital és el procés de
transformació dels processos empresarials
mitjançant tecnologies digitals per optimitzar
l'eficiència operativa i crear nous models de
valor.

A photograph of Neil Gershenfeld, a man with white hair and a beard, standing on a large blue block at a Fab Lab event. He is gesturing with his hands while speaking. The stage is decorated with various blue blocks featuring white icons of tools and machinery. In the foreground, large blue letters spell out 'FAB'. The background shows an audience seated in a dark, modern auditorium.

"Hem tingut una revolució digital, però no necessitem continuar tenint-la."

Neil Gershenfeld, Director del MIT Center for Bits and Atoms i creador dels Fab Labs

Transformació de Processos

*Conversió de processos
analògics i manuals en sistemes
digitals automatitzats.*

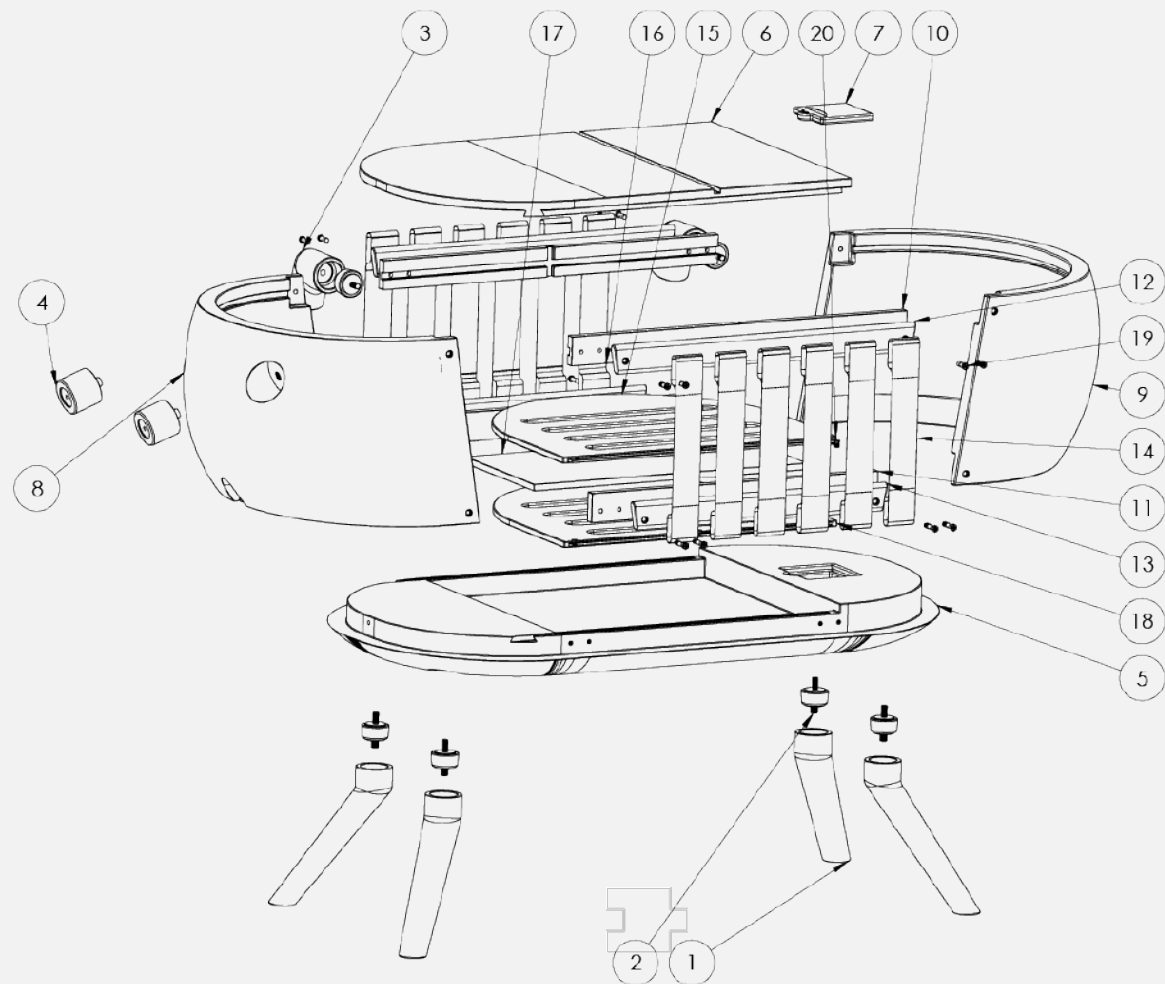
Innovació Contínua

*Capacitat d'adaptar-se
ràpidament mitjançant solucions
àgils.*

Integració Tecnològica

*Connexió de sistemes per crear
ecosistemes digitals coherents.*







Digital Equipment Corporation

A black and white photograph of Ken Olsen, co-founder of Digital Equipment Corporation, standing in front of a large, multi-story brick building. He is wearing a light-colored short-sleeved shirt, a dark tie, and light-colored trousers. He is leaning on a dark metal fence with a stone base. The building behind him has many windows and a small tower-like structure on the right side.

*"No hi ha **cap raó** perquè **cap individu** tingui un **ordinador a casa seva.**"*

Ken Olsen, Cofundador de Digital Equipment Corporation (Dissolució al 1992)

*Aleshores, com es realitza
una transformació digital?*

Digitalització Aplicada al Sistema Productiu

RA1 Classe 02

Què és la digitalització?

The background of the slide is a photograph of a building's exterior wall. On the wall, the IBM logo is displayed in a large, three-dimensional, metallic style. The logo consists of eight horizontal stripes of varying lengths, creating a sense of depth. The building's facade is a dark, textured material, and the sky in the background is a clear, light blue.

Cloud Computing

Cloud computing o computació en el núvol és l'accés sota demanda a recursos informàtics (físics o virtual servers, emmagatzematge de dades, capacitats de xarxa, eines de desenvolupament d'aplicacions, programari, plataformes analítiques impulsades per IA i més) a través d'Internet amb els preus de pagament per ús.





watsonx.ai

generative
machine learning



 Hi Jorge, how are you?

How can I help you today?



Research

Sonnet 4 



Write



Learn



Code



Life stuff

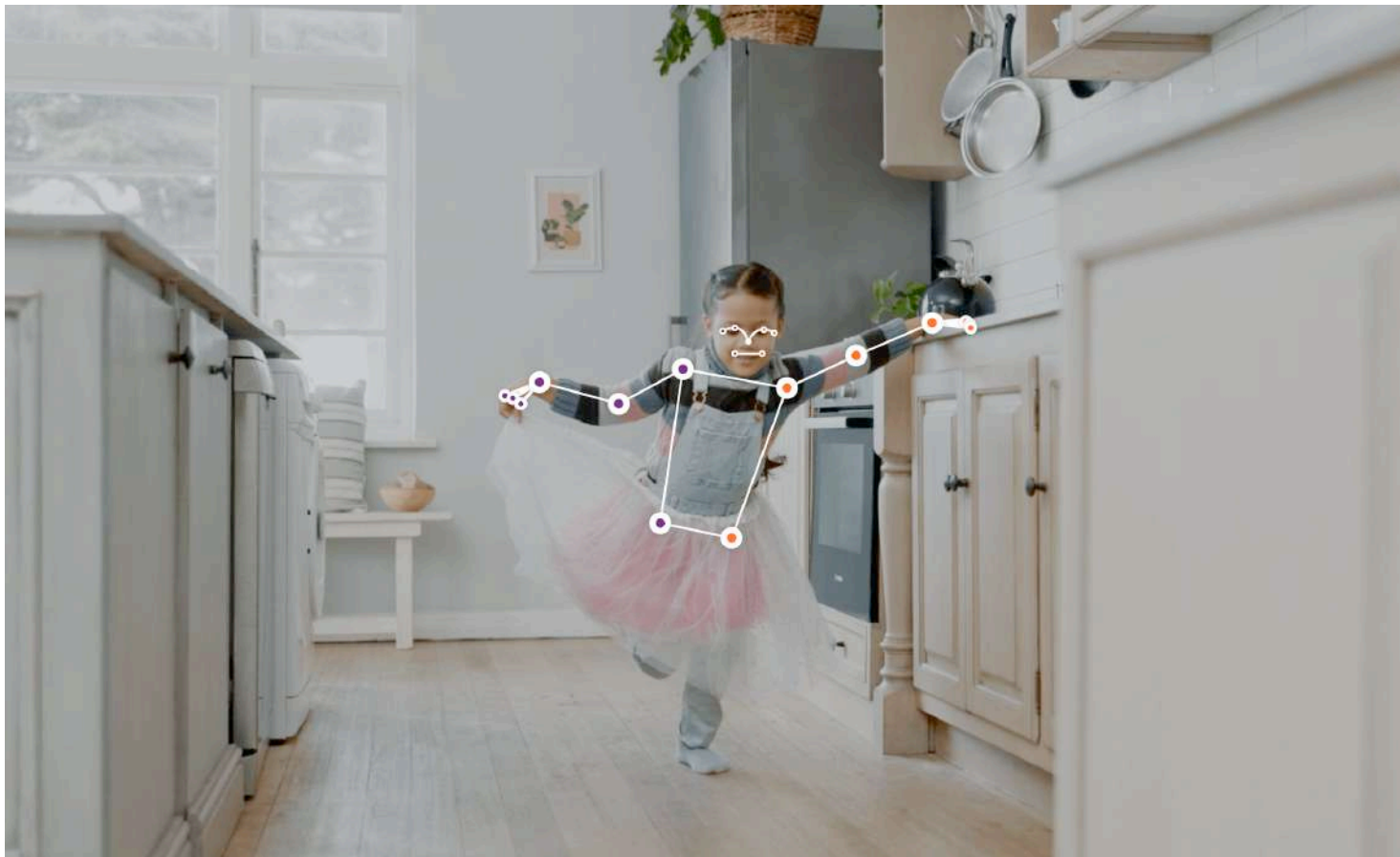


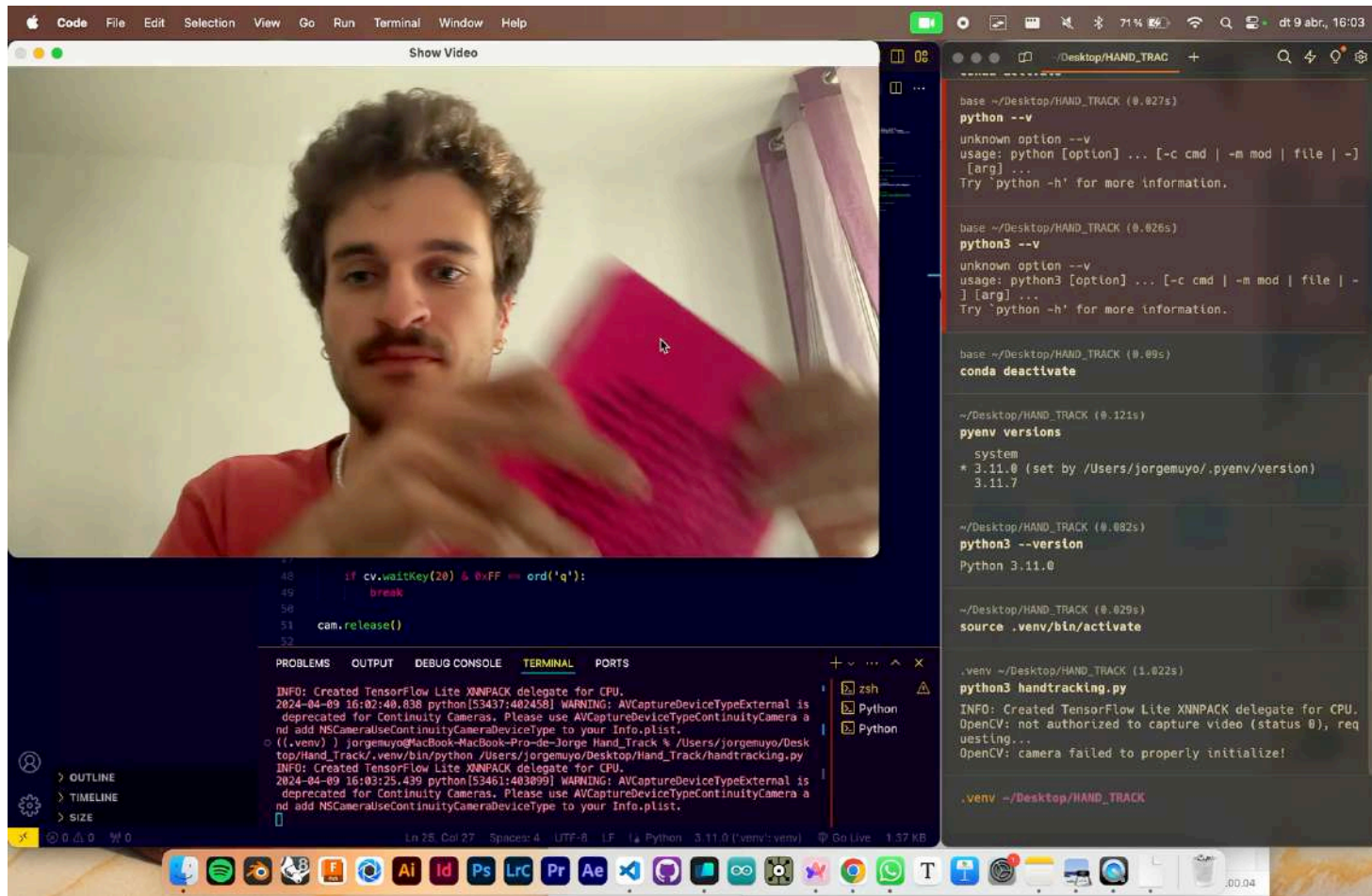
Claude's choice



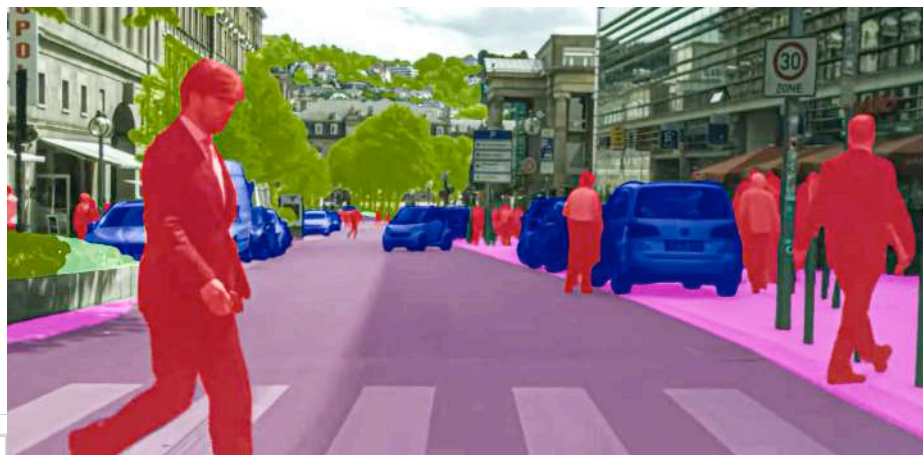
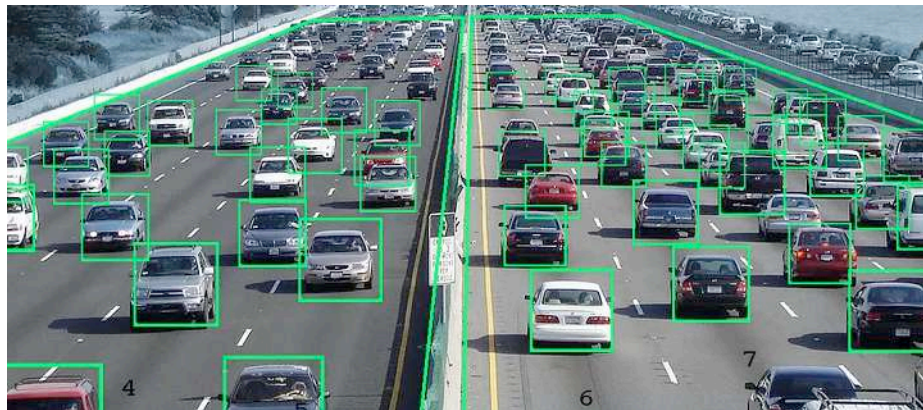
Big Data

El Big data descriu conjunts de dades grans i diverses que tenen un gran volum i que també creixen ràpidament de grandària amb el temps. El Big data s'utilitza en l'aprenentatge automàtic, la modelització predictiva i altres anàltiques avançades per a solucionar problemes empresarials i prendre decisions fonamentades.





Jorge Muñoz Zanón - ML Sequence Recognition





Google

This article is more than 10 years old

Google says sorry for racist auto-tag in photo app

- Google Photos labelled a picture of two black people as 'gorillas'
- Google Maps and Flickr have also suffered from race-related problems



Jana Kasperkevic in New York

Wed 1 Jul 2015 19:52 CEST

Share

356

Most viewed



US revokes visa for Colombian president Gustavo Petro after 'reckless' actions in New York



Drug traffickers livestream torture and killing of young Argentinian women and girl



Bledisloe Cup: New Zealand beat Australia in the Rugby Championship - as it happened



Elon Musk and Peter Thiel mentioned in Epstein documents released by Democrats



Safety fears as external power to Zaporizhzhia nuclear plant still out after three days

Google's chief architect of social, Yonatan Zunger, said after the image-labelling embarrassment: 'Lots of work being done and lots still to be done, but we're very much on it'

Biaixos

Intel·ligència Artificial



La intel·ligència artificial (IA) és una tecnologia que permet als ordinadors i les màquines simular l'aprenentatge humà, la comprensió, la resolució de problemes, la presa de decisions, la creativitat i l'autonomia.



The Verge - They're putting guns on robot dogs now

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Culture

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The Guardian

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World UK Climate crisis Ukraine Environment Science Global development Football Tech Business Obituaries

Artificial intelligence
(AI)

🕒 This article is more than 10 months old

Mother says AI chatbot led her son to kill himself in lawsuit against its maker

Megan Garcia said Sewell, 14, used Character.ai obsessively before his death and alleges negligence and wrongful death

Most viewed



US revokes visa for Colombian president Gustavo Petro after 'reckless' actions in New York



Drug traffickers livestream

Setzer had become enthralled with a chatbot built by Character.ai that he nicknamed Daenerys Targaryen, a character in Game of Thrones. He texted the bot dozens of times a day from his phone and spent hours alone in his room talking to it, according to Garcia's complaint.

Garcia accuses Character.ai of creating a product that exacerbated her son's depression, which she says was already the result of overuse of the startup's product. "Daenerys" at one point asked Setzer if he had devised a plan for killing himself, according to the lawsuit. Setzer admitted that he had but that he did not know if it would succeed or cause him great pain, the complaint alleges. The chatbot allegedly told him: "That's not a reason not to go through with it."

Garcia attorneys wrote in a press release that Character.ai "knowingly designed, operated, and marketed a predatory AI chatbot to children, causing the death of a young person". The suit also names Google as a defendant and as Character.ai's parent company. The tech giant said in a statement that it had only made a licensing agreement with Character.ai and did not own the startup or maintain an ownership stake.

Tech companies developing AI chatbots can't be trusted to regulate themselves and must be held fully accountable when they fail to limit harms, says Rick Claypool, a research director at consumer advocacy non-profit Public Citizen.

● Sábados a las 11.05 horas

Regreso al presente

David Zurdo | JPelirrojo

Un programa de entrevistas... ¿imposibles?

Gracias a la Inteligencia Artificial, capaz de generar un modelo completo de un personaje célebre del pasado con todo lo que se sabe de él o de ella, realizamos entrevistas "imposibles". Un programa moderno y desenfadado, que no renuncia al rigor histórico.



DALL·E 2

Try DALL·E 2 ↗

Follow on Instagram ↗



Quines dades s'usen?

Generadors d'imatges d'IA com DALL·E-2, Midjourney, Lensa, i altres són acusats robar sense ètica als artistes sense el seu consentiment, obtenint un benefici a partir de models que han estat entrenats en el seu art sense compensar-los, i automatitzant i posant els artistes fora de negoci.

The background image shows a workshop environment where several people are working on electronic projects. In the foreground, a man with a beard and a blue lanyard is looking at a laptop. Behind him, another man is smiling and looking at a laptop. To the right, a woman with glasses is also working on a laptop. The laptops have various stickers on them, including one with a person's face. The overall atmosphere is collaborative and focused on learning and creating.

Internet of Things (IoT)

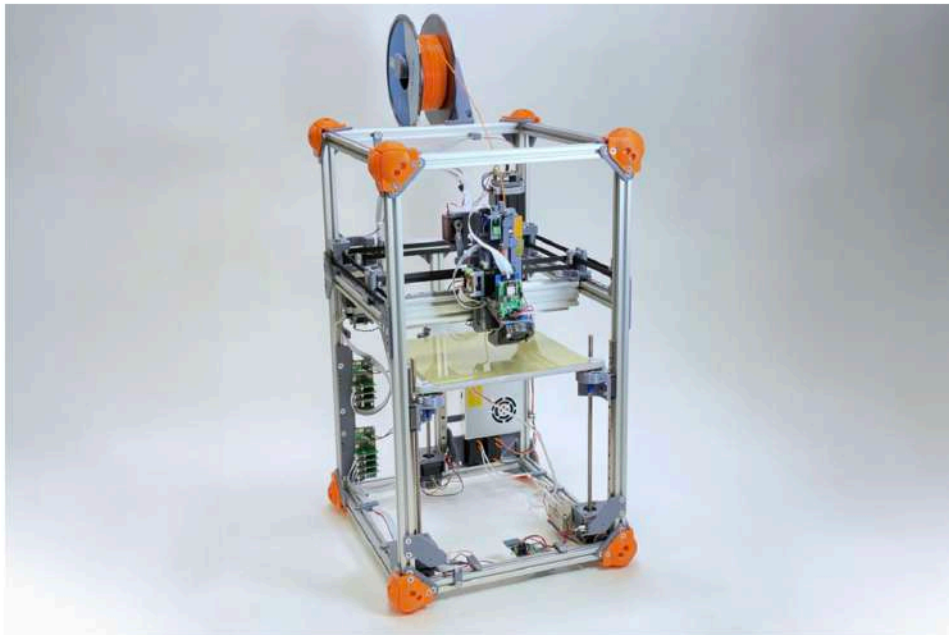
La Internet de les Coses (IoT) es refereix a una xarxa de dispositius físics, vehicles, electrodomèstics i altres objectes físics que estan incrustats amb sensors, programari i connectivitat de xarxa, permetent-los recollir i compartir dades.

This 3D printer can figure out how to print with an unknown material

The advance could help make 3D printing more sustainable, enabling printing with renewable or recyclable materials that are difficult to characterize.

Adam Zewe | MIT News
April 8, 2024

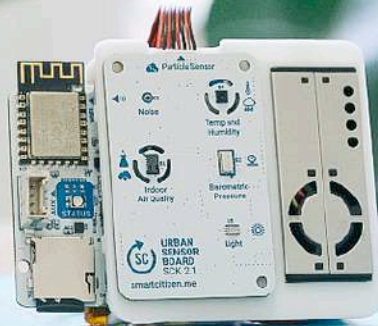
 [PRESS INQUIRIES](#)



Researchers developed a 3D printer that can automatically identify the parameters of an unknown material on its own.

Credit: Courtesy of the researchers







IT i OT

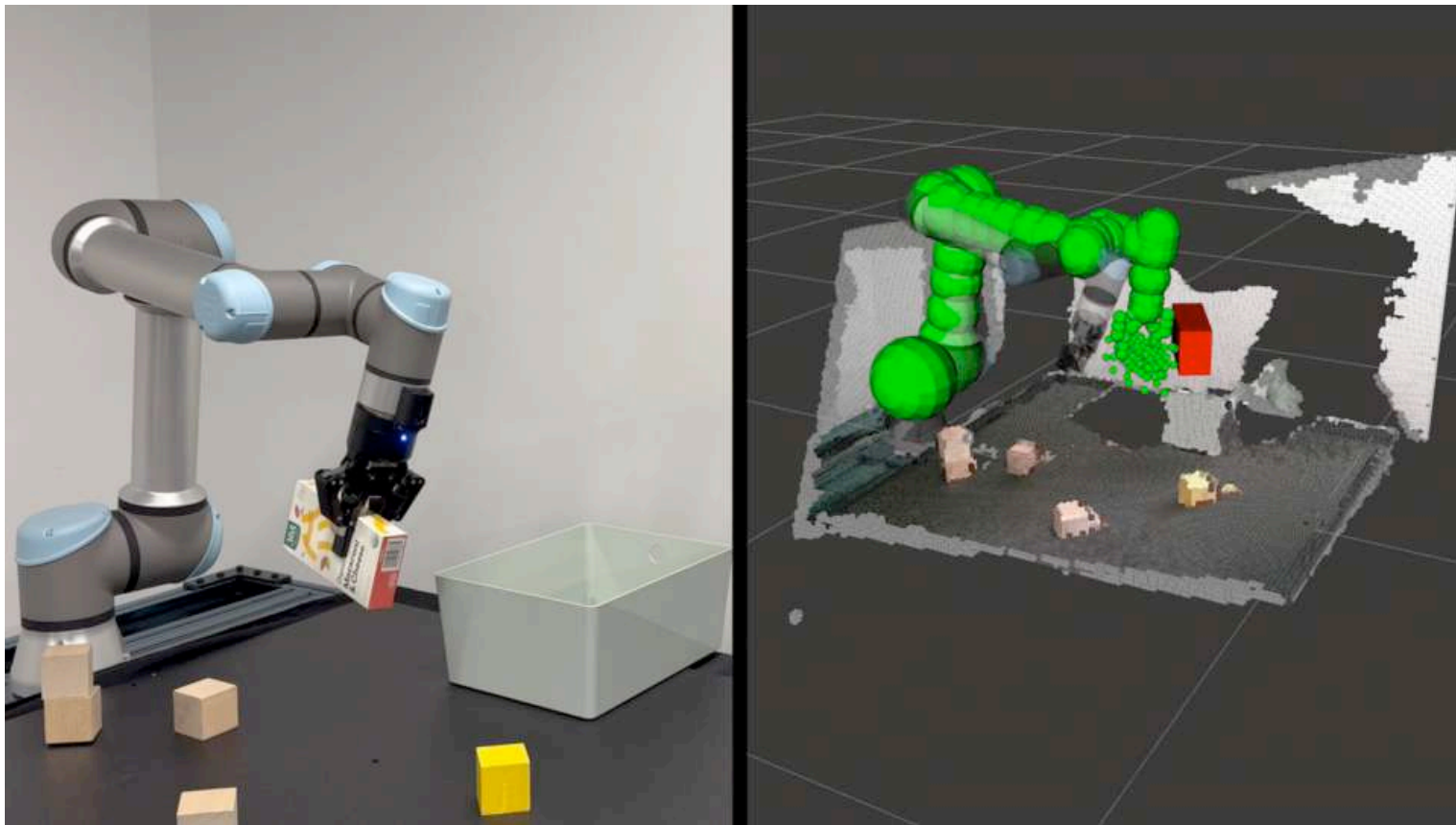
IT engloba sistemes digitals que faciliten la gestió i la comunicació de dades dins de les organitzacions. En comparació, l'OT es refereix als sistemes especialitzats que controlen els processos físics i les operacions industrials.

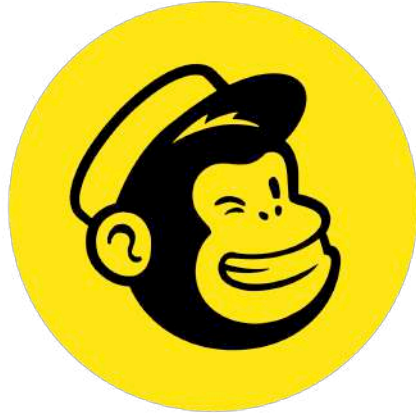
Tot i que tant les IT com les OT es basen en la tecnologia, difereixen en termes d'infraestructura, objectius i els tipus de tecnologies utilitzades. La seguretat tant dels sistemes IT com dels OT planteja reptes diferents a causa dels requisits divergents i els paisatges d'amenaça.

Robòtica i Automatització (RPA)



L'automatització de processos robòtica (RPA), també coneguda com a robòtica de programari, utilitza tecnologies d'automatització intel·ligent per realitzar tasques d'oficina repetitives de treballadors humans, com ara extreure dades, emplenar formularis, moure fitxers i molt més





mailchimp



Activitat 1: Investigació i Anàlisi de Transformació Digital.

Investigar com una empresa real ha implementat la transformació digital als seus processos.

- Trieu una empresa coneguda amb digitalització implementada
- Fonts: articles, informes, notícies, entrevistes
- Anàlisi components
- Beneficis i reptes

Cognitive Contribution Label (CCL)

A simple tool for declaring how much AI contributed to your project.

About the Project

The Cognitive Contribution Label (CCL) helps students, researchers, and creators transparently document the role of artificial intelligence across all stages of their creative process.

Inspired by the spirit of Creative Commons, the CCL promotes honest reflection, responsible use of AI, and clarity in collaborative, tech-assisted creation.

What does it do?

Using a step-by-step interface, the CCL tool lets you:

- Select how much AI was involved (0 to 4) in each of 8 project phases.
- Generate a clear, shareable summary of AI involvement.
- Create a personalized CCL badge that visualizes the contribution across the full process.
- Download the badge and summary to use in your portfolio, thesis, GitHub repo, or final report.

Levels of AI Contribution

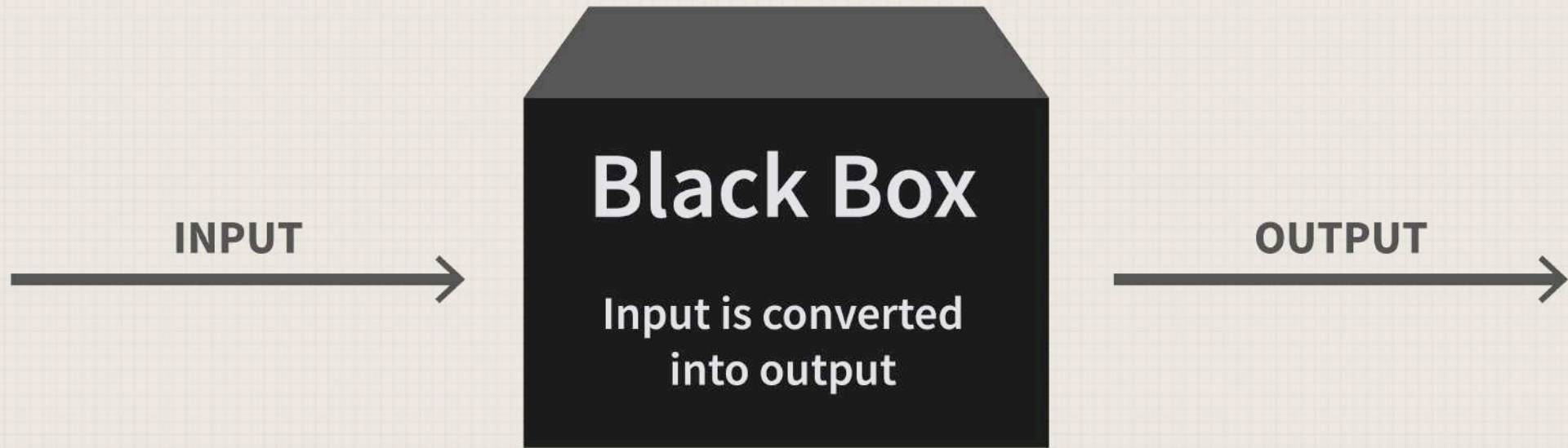
The tool defines five levels of AI contribution. Captura la finestra seleccionada

1. **Full Human Work:** This phase was completed entirely by the student without AI assistance.
2. **AI for Insight:** AI was used for research, inspiration, or brainstorming. The student crafted the final work.
3. **AI for Drafting:** AI generated early outputs that were then edited or rebuilt by the student.

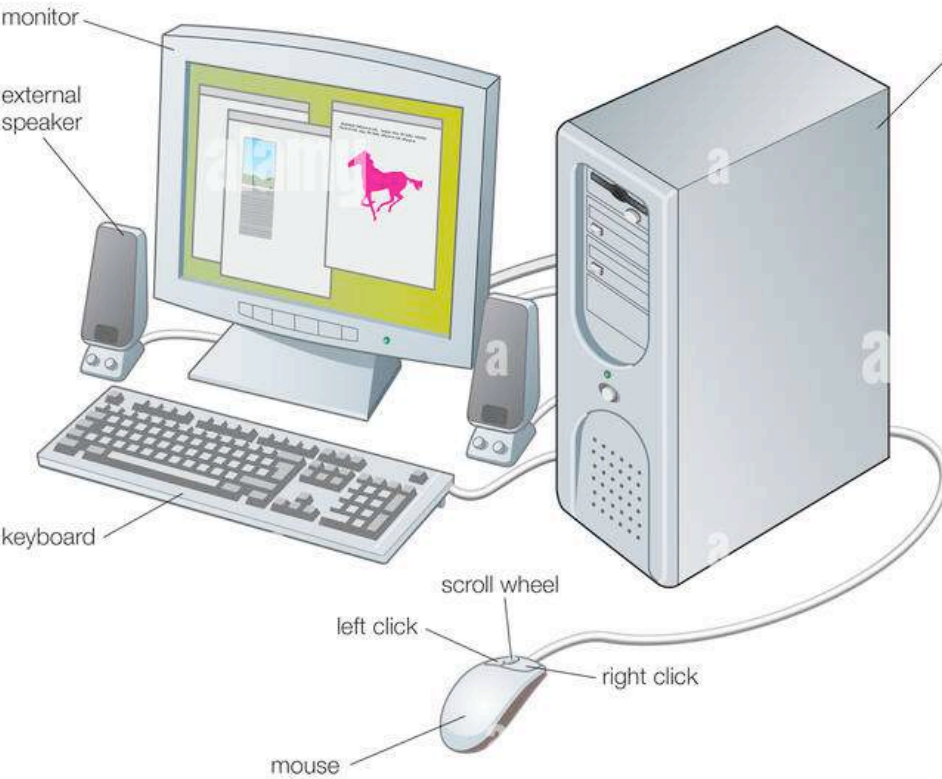
Digitalització Aplicada al Sistema Productiu

RA1 Classe 03

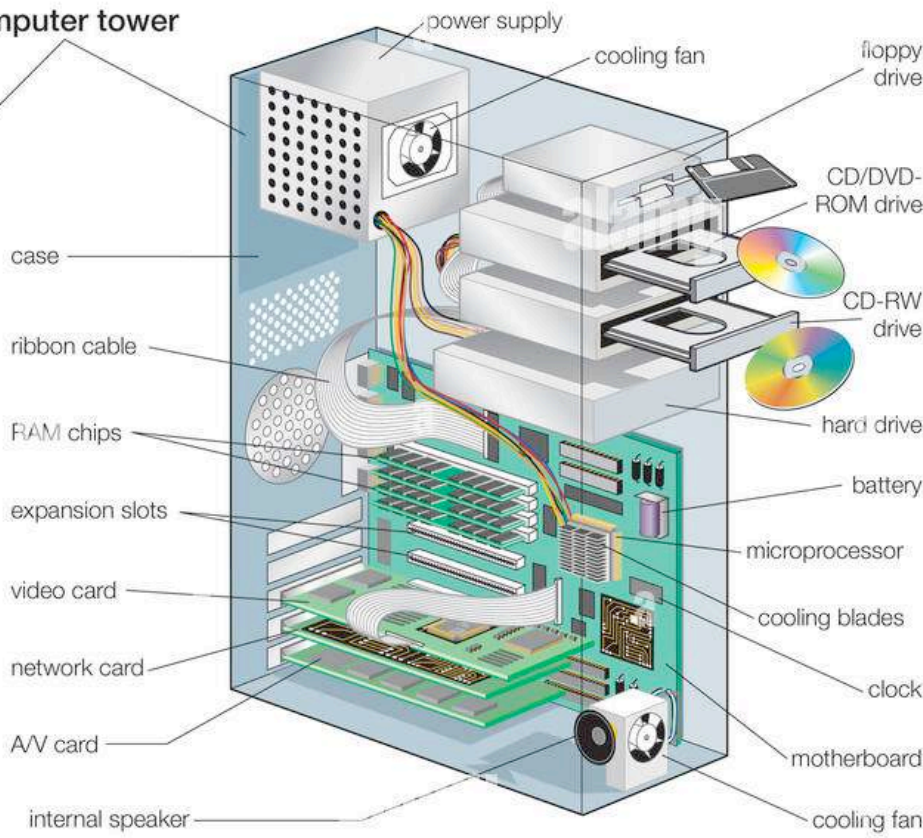
Què és la digitalització?

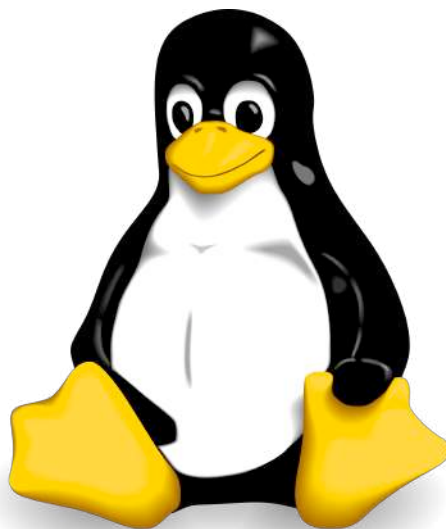
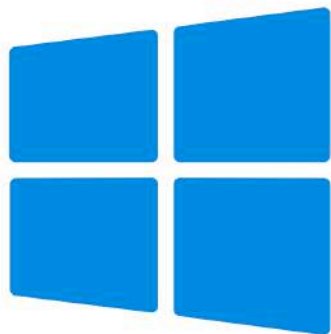


Personal computer system

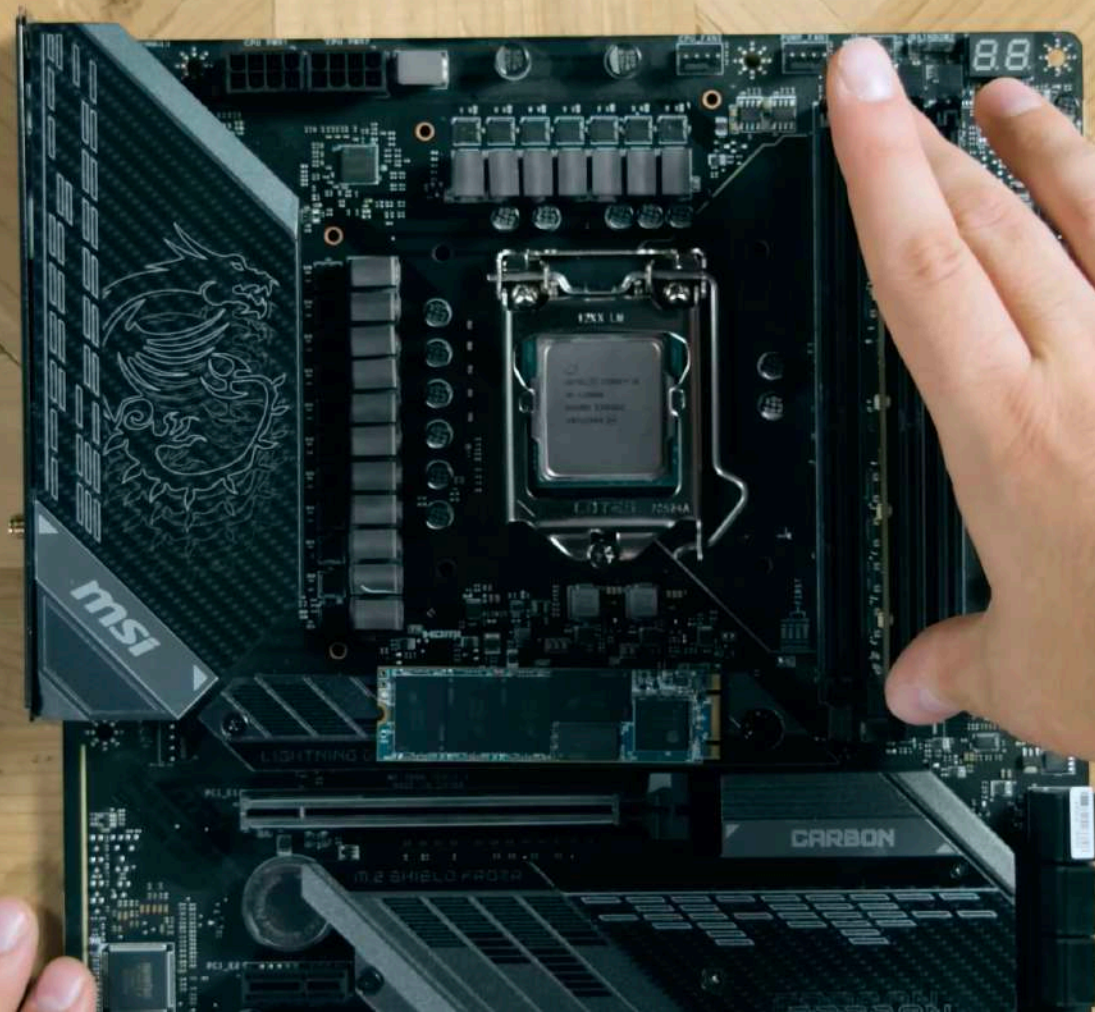


computer tower









Activitat 2: Test

Respon al test disponible a moodle del video “¿Cómo funciona un PC y que hace cada pieza?” |

Componentes del ordenador explicados”

Digitalització Aplicada al Sistema Productiu

RA1 Classe 04

Què és la digitalització?

Ètica

Paraula a buscar



Buscar

Esborrar

Resultats

ètica

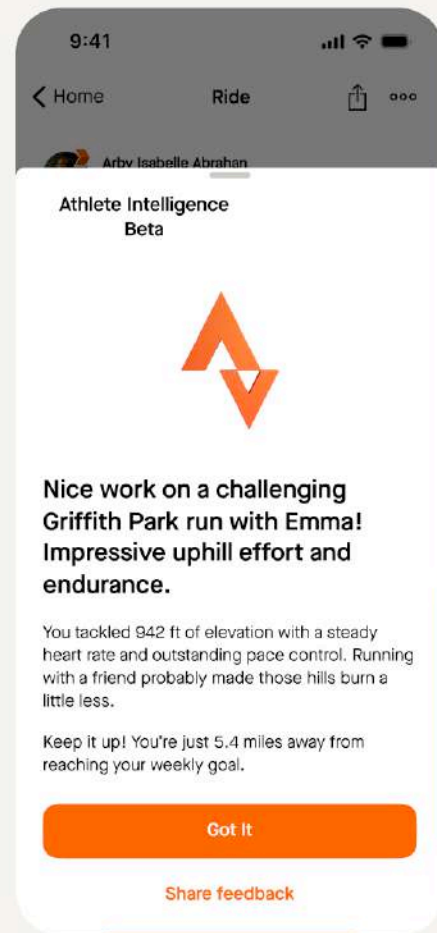
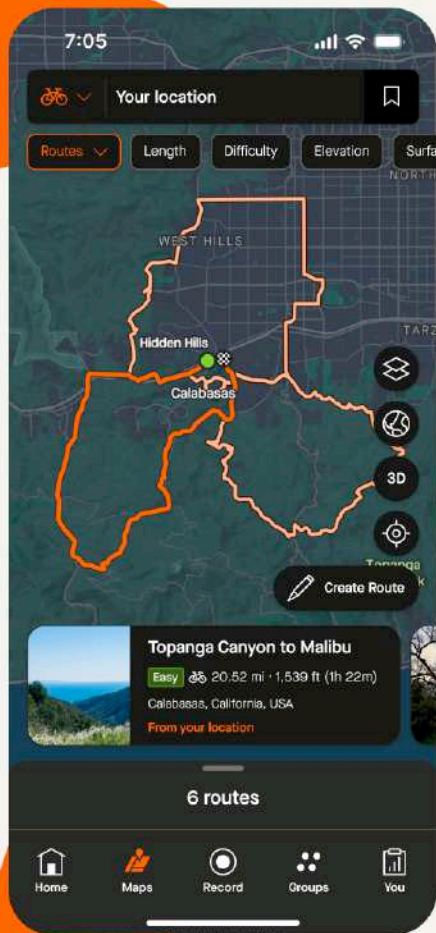
ètica [étika]

1. *f. FILOS.* Part de la filosofia que tracta de la moral.
2. *f.* Conjunt de principis i de normes morals que regixen el comportament humà. *Ètica professional.*



1 de 1





The Strava Heat Map and the End of Secrets

The US military is reexamining security policies after fitness tracker data shared on social media revealed bases and patrol routes




 criticalML


Public


 Watch 25

 Fork 25

 Starred 368

 master

 2 Branches

 0 Tags

Q Go to file

Add file

<> Code

 rockita Update README.md

b88c22f · 7 years ago

 23 Commits

 README.md

Update README.md

7 years ago

 README

Toward ethical, transparent and fair AI/ML: a critical reading list for engineers, designers, and policy makers

In the past 5 years there's been a lot of enthusiasm about AI and specifically machine learning and deep learning. As we continuously deploy AI models in the wild we are forced to re-examine what are the effects of knowledge symbolisation, generalisation and classification on the historical, political and social conditions of human life. We also need to remind ourselves that algorithms don't exercise their power over us. People do.

This reading list is made for engineers, scientists, designers, policy makers and those interested in machine learning and AI. It's an open ended document that examines machine learning as a sociotechnical system and contextualises its critical discourse. For suggestions and comments please tweet @irinimalliaraki or drop me an email at e.malliaraki16@imperial.ac.uk

These sections aren't in any particular order. There's overlap and interaction between these topics that you can jump around as much as you want; Reading "out of order" could lead to interesting connections.

About

Toward ethical, transparent and fair AI/ML: a critical reading list for engineers, designers, and policy makers

 Readme

 Activity

 368 stars

 25 watching

 25 forks


Report repository

Releases


No releases published


Packages

No packages published

 awful-ai Public

 Sponsor

 Watch 303

 Fork 234

 Starred 7.1k

 master

 2 Branches

 1 Tag


Go to file



t

Add file

 Code

 cknoiblauch	Update headings to match index order (#67)	07b3a5e · 7 months ago	 76 Commits
 .github	Create FUNDING.yml		6 years ago
 README.md	Update headings to match index order (#67)		7 months ago

 README

Awful AI

Awful AI is a curated list to track *current* scary usages of AI - hoping to raise awareness to its misuses in society

Artificial intelligence in its current state is [unfair](#), [easily susceptible to attacks](#) and [notoriously difficult to control](#). Often, AI systems and predictions [amplify existing systematic biases](#) even when the data is balanced. Nevertheless, more and more concerning uses of AI technology are appearing in the wild. This list aims to track *all of them*. We hope that *Awful AI* can be a platform to spur discussion for the development of possible preventive technology (to fight back!).


You can [cite the list](#) and raise more awareness through Zenodo.

DOI [10.5281/zenodo.5855972](#)



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About

 Awful AI is a curated list to track current scary usages of AI - hoping to raise awareness

 [twitter.com/dwddao](#)

 Readme

 Activity

 7.1k stars

 303 watching

 234 forks


Report repository

Releases 1

 Awful AI - 2021 Edition Latest
on Jan 16, 2022

Sponsor this project

 daviddao David Dao

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awful-ai

ARTIFICIAL INTELLIGENCE

A horrifying new AI app swaps women into porn videos with a click

Deepfake researchers have long feared the day this would arrive.

By Karen Hao

September 13, 2021



AI + ML

This article is more than 1 year old

Researchers made an OpenAI GPT-3 medical chatbot as an experiment. It told a mock patient to kill themselves

82 

We'd rather see Dr Nick, to be honest

 [Katyanna Quach](#)

Wed 28 Oct 2020 / 07:05 UTC

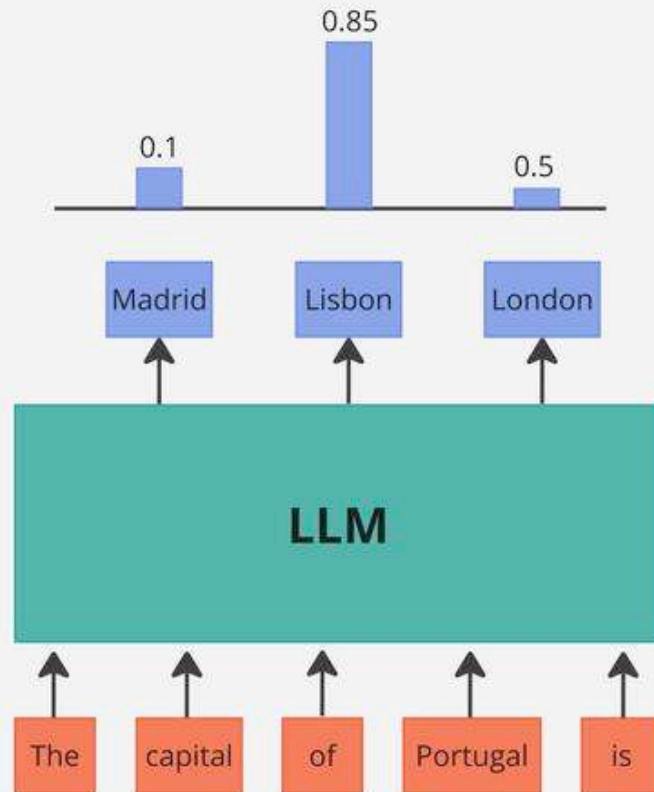


Developers trying to use OpenAI's powerful text-generating GPT-3 system to build medical chatbots should go back to the drawing board, researchers have warned.

For one thing, the artificial intelligence told a patient they should kill themselves during a mock session.

France-based outfit Nabla created a chatbot that used a [cloud-hosted instance of GPT-3](#) to analyze queries by humans and produce suitable output. This bot was specifically designed to help doctors by automatically taking care of some of their daily workload, though we note it was not intended for production use: the software was built for a set of mock scenarios to gauge GPT-3's abilities.

The erratic and unpredictable nature of the software's responses made it inappropriate for interacting with patients in the real world, the Nabla team concluded after running their experiments. It certainly shouldn't diagnose people; indeed, its use in healthcare is "unsupported" by OpenAI.



What does Mark Zuckerberg's Meta own?



Facebook



Messenger



Instagram



WhatsApp



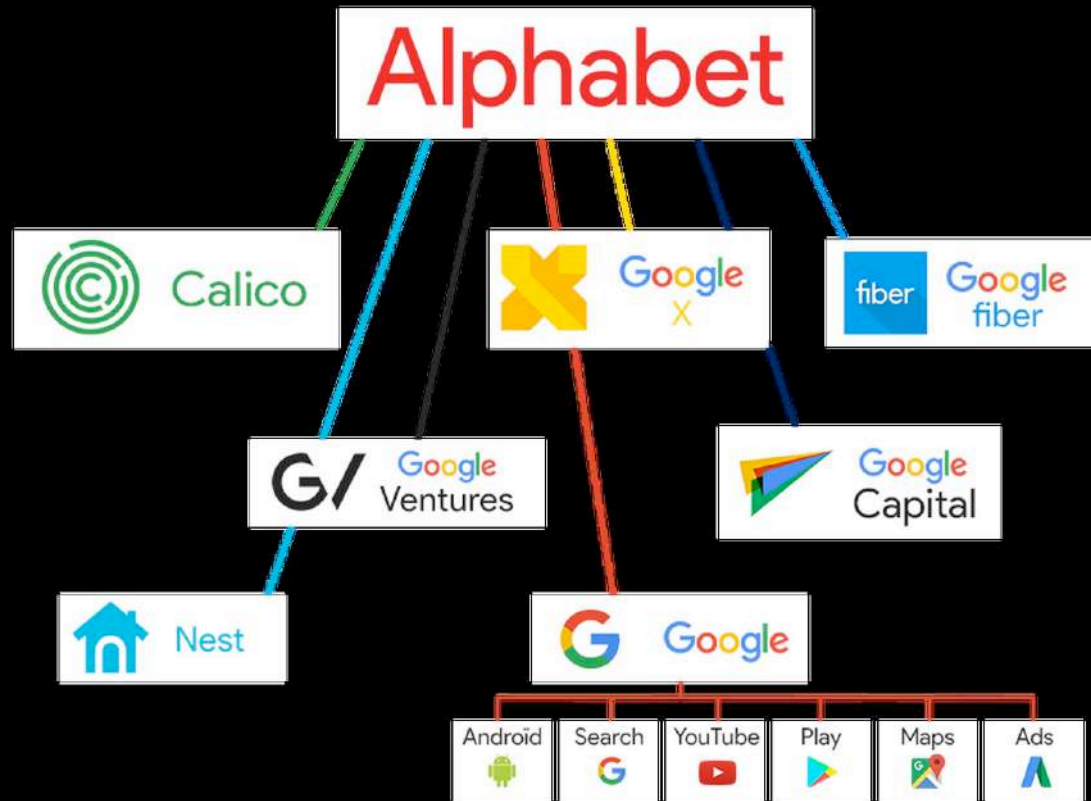
Threads



Oculus



Workplace





Edward Snowden - TED

Activitat 2: Ètica

Busca un article, documental o entrevista relacionada amb l'ús ètic de la tecnologia, referència-ho, explica-ho amb les teues paraules i dona la teua opinió.