

# Introduction to everyday use and everyday questions on Artificial Intelligence

Wednesday 10 April 2024

Quali di questi  
non utilizza IA

Siri, Alexa,  
Google Assistant  
sullo smartphone

La  
calcolatrice sullo  
smartphone

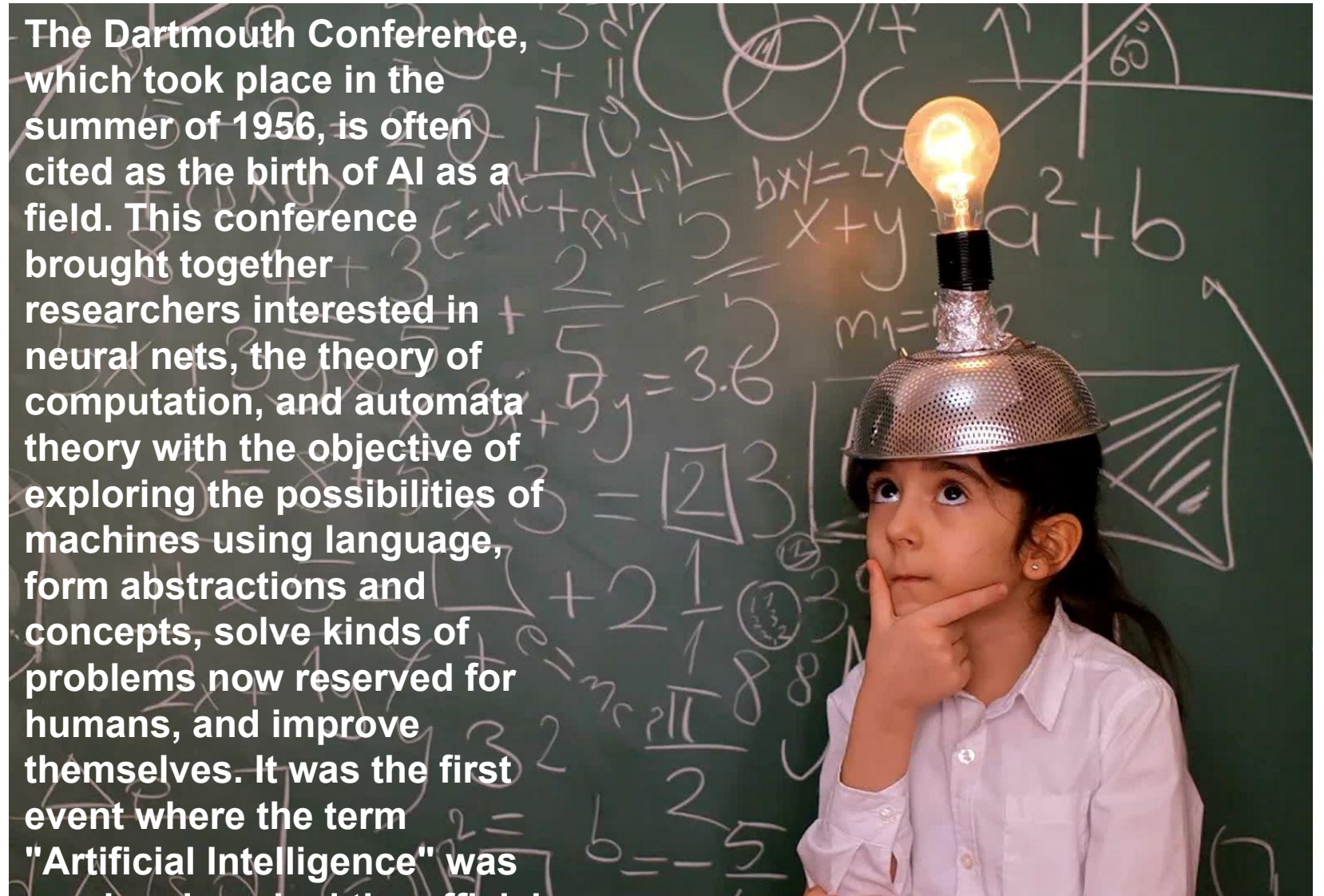
Il sistema che ti  
suggerisce cosa  
guardare su  
Netflix

Il videogame che  
giochi (con i  
tuoi nipoti?)  
online

Quando l'Intelligenza Artificiale è diventata una materia che si può studiare all'università?

- 1956
- 1989
- 2022

The Dartmouth Conference, which took place in the summer of 1956, is often cited as the birth of AI as a field. This conference brought together researchers interested in neural nets, the theory of computation, and automata theory with the objective of exploring the possibilities of machines using language, form abstractions and concepts, solve kinds of problems now reserved for humans, and improve themselves. It was the first event where the term "Artificial Intelligence" was



- In healthcare
  - AI aids in diagnostics, personalized treatment plans, and drug discovery, improving patient outcomes and reducing healthcare costs.
- In finance
  - AI is used for fraud detection, algorithmic trading, risk management, and customer service to enhance decision-making and streamline operations.
- In transportation
  - AI powers autonomous vehicles, traffic management systems, route optimization, and predictive maintenance, revolutionizing safety and efficiency.

# AI Applications



## Medical application

- <https://www.dw.com/en/pakistan-prosthetic-arm-start-up-offers-ray-of-hope-to-amputees/video-60661662>



3D-printed arms

# How does generative AI work?



Generative AI works by learning patterns, structures, and features from large datasets during a training phase, using algorithms such as neural networks.



Once trained, it can generate new, original content—ranging from text to images—that mimics the style and characteristics of the input data it was trained on, effectively "imagining" new creations based on its learned knowledge.

# What is AI and ChatGPT?

- Artificial Intelligence (AI) is a branch of computer science dedicated to creating systems capable of performing tasks that typically require human intelligence.
- AI applications range from simple tasks to complex problem solving in various industries.
- ChatGPT, developed by OpenAI, is an example of AI designed to understand and generate human-like text based on the input it receives.
- Strongly recommended: **The shortcut - how machines became intelligent without thinking in a human way | LSE Event. 12 Feb 2024 Prof Nello Cristianini**
- <https://youtu.be/lu7qtcPnMO4>

# Types of Artificial Intelligence

**Narrow AI**, or task-specific AI, is designed for a specific function like playing chess or recognizing speech.

**General AI**, or human-like intelligence, ONCE IT IS THERE can understand, learn, and apply knowledge across diverse tasks.





# Intelligenza artificiale

*Usi quotidiani e usi possibili*

**Alcuni esempi di come viene usata l'IA e delle possibilità che offre**

Assistenti personali digitali nei computer e negli smartphone

Aria condizionata intelligente

Internet delle cose:  
*ad esempio aspirapolveri, frigoriferi e orologi connessi*

Veicoli a guida autonoma

Shopping e pubblicità in rete

Agricoltura intelligente:  
*robot per irrigare, diserbare, nutrire gli animali*

Robot nelle fabbriche

Motori di ricerca

Traduzione automatica

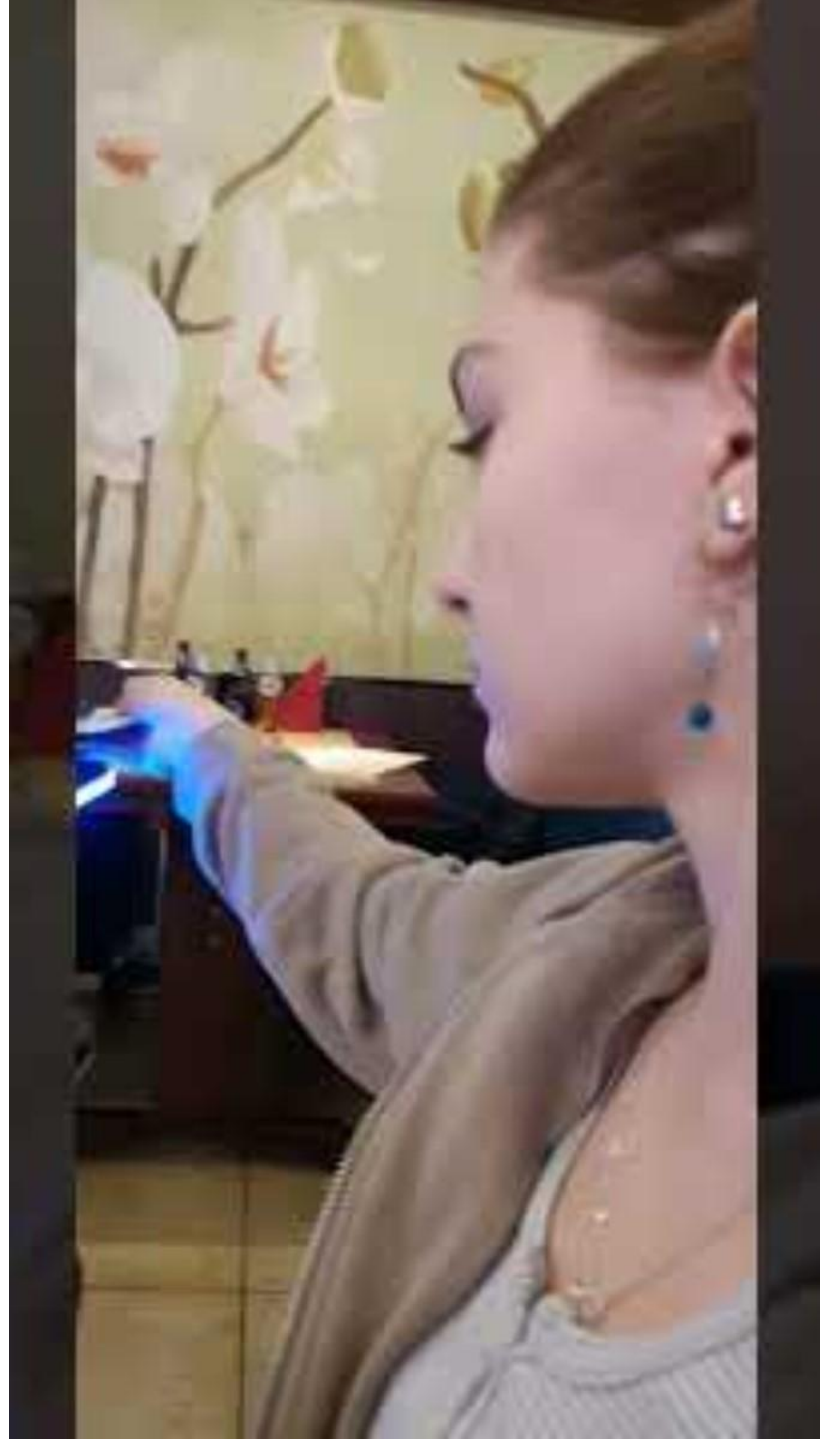
Cyber-sicurezza

Lotta alla disinformazione

Ottimizzazione prodotti e catene di vendita



# My secret love



Is this AI?



<https://www.truemedia.org/>

ANNOUNCING TRUEMEDIA.ORG  
NON-PROFIT, NON-PARTISAN, FREE.



TrueMedia.org

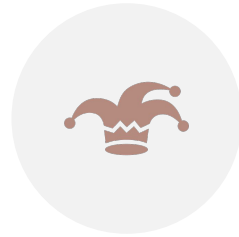
# Identifying Political Deepfakes in Social Media Using AI

TRY OUR DEEPPAKE DETECTOR WITH WORK EMAIL

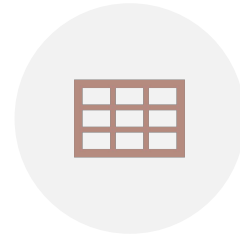
Join Waitlist

US 2024 US PRESIDENTIAL ELECTION

Let's try it out



**THINK OF A SIMPLE,  
IMAGINATIVE SCENARIO  
OR OBJECT**



**WRITE YOUR IDEAS  
DOWN ON THE INDEX  
CARDS.**



**WITH YOUR  
NEIGHBOURS SELECT THE  
MOST INTERESTING**



**WE CAN MAKE: A STORY,  
A POEM, A PICTURE**



**SHARING AND  
DISCUSSION**

# Usage in Administration and Knowledge Work

- ChatGPT aids in automating routine administrative tasks, reducing workload and increasing efficiency.
- It **can help managing** / can manage emails, schedule appointments, and handle data entry tasks.
- In knowledge work, ChatGPT supports research, drafting documents, and summarizing information.



Translated  
as image file  
with Chatgpt  
(10 minutes...)

## Based on the International Labor Organization Convention: AUDIT OF GENDER EQUALITY PRACTICES INSTRUCTIONS FOR COORDINATORS

Implementation of gender equality is an important aspect of international labor standards. Gender equality in the workplace not only ensures justice but also contributes to the efficiency and productivity of labor resources.

The 1989 Convention on the Elimination of All Forms of Discrimination against Women requires that men and women have the same opportunities to choose a profession and employment, and the same criteria should be applied for selection and promotion.

Gender audits are a tool to identify, understand and reduce the barriers to gender equality within an organization. As a tool designed by the International Labour Organization (ILO), it allows for the examination of policies and practices, the organization's culture and the personal attitudes of its staff to ensure that both men and women have equal opportunities.

The gender audit is not just a "gender count". It includes aspects such as equal access to resources and opportunities, taking into account the interests of both men and women in decision-making, and ensuring the balance of power among employees of different genders.

*In the pink box:*

### What is a gender audit?

A gender audit is a kind of social audit which evaluates the approach and degree of an institution's gender sensitivity, comprehensiveness in policy making and its institutional environment, and capacity-building activities. It helps to determine whether gender equality is embedded in the culture of an institution. By this means, the audit not only analyzes the situation from the perspective of gender mainstreaming in operations and management, but also in the context of the effectiveness of the institution's gender equality policies. Gender audit can also contribute to the improvement of staff's work quality and the creation of gender-sensitive work conditions. It can be viewed as a participatory tool, which not only involves the collection and analysis of data but also promotes the active participation of staff. Additionally, it enhances the transparency and accountability of the institution and contributes to the effective implementation and achievement of its gender equality objectives. In this regard, gender audits assist in the monitoring and evaluation of the institution's performance and support the strategic use of specific indicators for gender equality.

production, which was associated with the wide participation of women in the independence, the percentage of the State Committee of the of women with higher education by 2.9 times compared to 198

Today, in Uzbekistan, the sphere 64% of workers in this sector 70%. Unfortunately, women's "ceilings" still exists. Women a is not considered part of the g also relevant, where there are

However, the position of women number of female entrepreneurs entrepreneurship mainly in the manufacturing industries.

The head of the department of Zuhra Umarova, says that many their business in various fields also on the international level increasing, and this is not the

*Small left box on bottom*

Olima BAKHSHIKHANOVA

Career development specialist

**Every job requires professional**

Today's women do not limit their fields, including those previous and dedication that they are

Saida Mirziyoyeva, who active participation in various social events but also pays special a



An example of  
2023 –  
Training on  
Monitoring of  
Decent Work  
Country  
Programmes  
in Africa. 5  
week online  
course

- All new illustrations made with DAllee/ Chatgpt
- <https://ecampus.itcilo.org/mod/scorm/player.php?a=10421&torg=Bo&scoid=21883&sesskey=PmxTeb6goA&display=popup&mode=normal>

## Online Training in an International Environment


- In online training, ChatGPT **assists in /** provides personalized learning experiences by adapting content to individual learner needs.
- It facilitates multilingual education, breaking language barriers in international settings.  
**Through answering questions, explaining concepts, and offering language learning assistance**
- ChatGPT can also automate the grading of assignments and give instant feedback to students. **Chatgpt: "my capabilities do not extend to directly interfacing with educational software for automated grading; such tasks would require a specialized AI system designed specifically for that purpose."**

# Pros of Using ChatGPT

Enhances efficiency by automating routine tasks.



Improves accessibility and inclusivity in education through multilingual support.



Enables personalized learning experiences and immediate feedback.

## مزايا استخدام ChatGPT

يعزز الكفاءة من خلال أتمتة المهام  
الروتينية.

يحسن الوصول والشمول في التعليم  
من خلال الدعم المتعدد اللغات

يتيح تجارب تعلم شخصية وتغذية  
راجعة فورية.

# Cons of Using ChatGPT

- May lack the nuanced understanding of human instructors.
- Dependence on technology can lead to privacy and security concerns.
- Potential for decreased human interaction in learning environments.
- Is American white centric

# Let's do some demonstrations & judge for ourselves

- Give me document references, pics, videos / instructions (perplexity ai)
- Make a travel plan (<https://gemini.google.com/>)
- Review an email to SHIF chatgpt
- Create a summary of a text