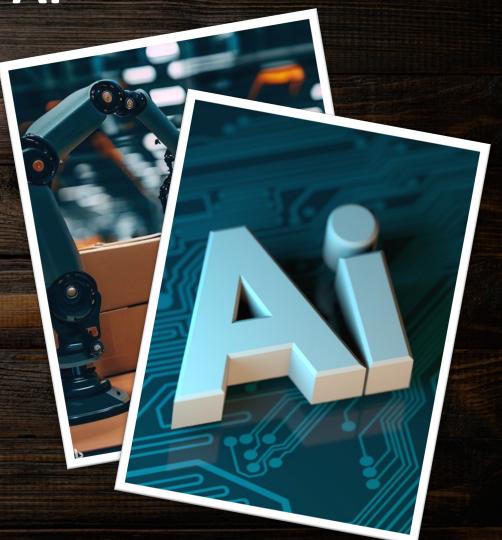




Outline: Ethics in the Age of Al

- 1. Ethics 101
- 2. Al Ethics
 - 1. Capabilities & Limitations of Al
 - 2. Data protection & Intellectual Property
 - 3. Algorithmic Bias
 - 4. Employment & Automation
 - 5. Algorithms, Media and Society
- 3. The Turing Trap



ETHICS

Practical
Practical Aspects of Ethics
Moral experience/ethics







Join at: vevox.app

ID: **152-248-270**



Please share in 1-2 words or a short phrase that captures your main reasons for being here today.

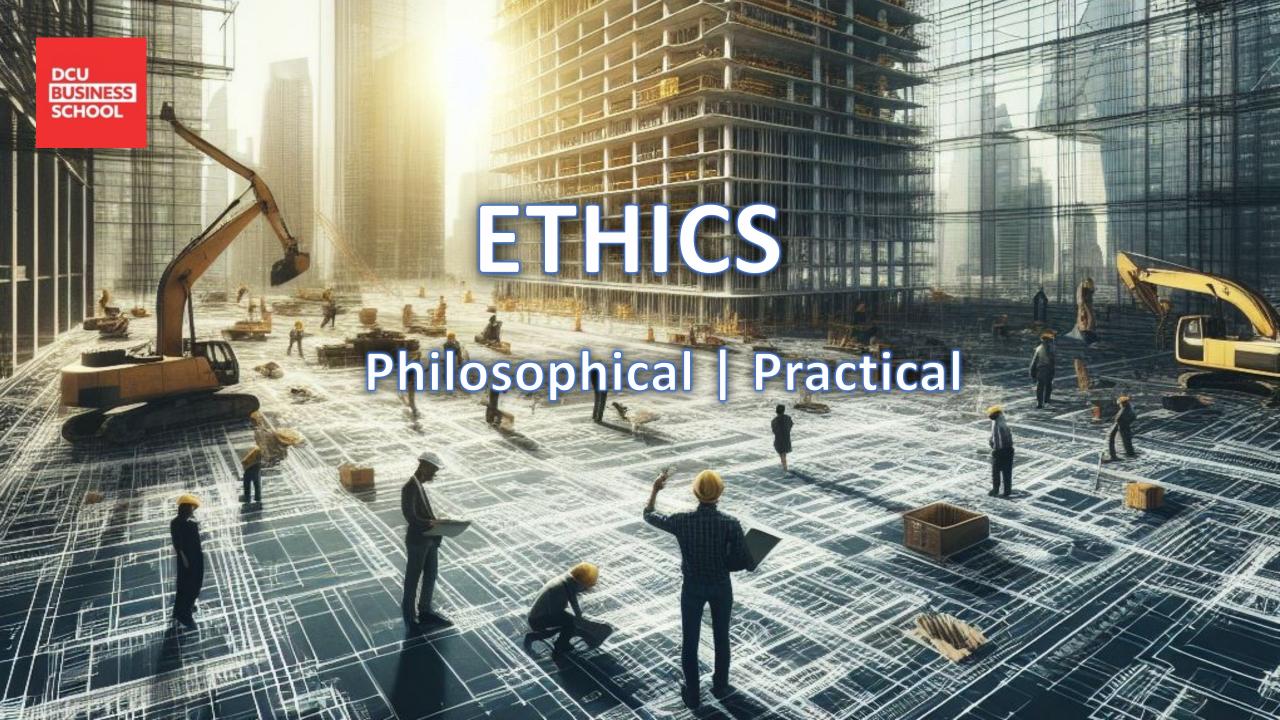
Why enroll in this program?

What motivates you to pursue a degree in Business Analytics?

ETHICS

Philosophical	Practical
Ethics as a Part of Philosophy	Practical Aspects of Ethics
 Why do we act? What is the reason of our actions? Eudaimonia: Happiness, Flourishing Political animals 	 Moral experience/ethics Moral intuition Dilemmas Aristotle – knowing what is good/becoming good









Ethics has human behaviour as the primary object of study;

 Ethics has a practical methodology and practical ends.



Ethical Theories 101

 Do we judge according to the E CNBC MARKETS BUSINESS INVESTING TECH POLITICS CNBC TV INVESTING CLUB & PRO&



Amazon's focus on speed, surveillance drives higher warehouse worker injuries, study finds

PUBLISHED WED, OCT 25 2023-12:57 PM EDT | UPDATED WED, OCT 25 2023-4:11 PM EDT





POINTS

- Amazon warehouse workers are suffering physical injuries and mental stress on the job as a result of the company's extreme focus on speed and pervasive surveillance, according to a study its authors say is the largest nationwide survey of Amazon workers.
- Nearly 70% of Amazon employees in the survey said they've had to take unpaid time off due to pain or exhaustion suffered on the job in the past month, while 34% have had to do so three or more times.
- The data adds to a drumbeat of scrutiny around Amazon's workplace safety and treatment of warehouse employees.

ions or the outcome of the

UIC UNIVERSITY OF ILLINOIS CHICAGO

Center for Urban Economic Development College of Urban Planning and Public Affairs

41 Percent of Amazon Workers Have Been Injured On the Job, New **Report Finds** tay

PAINPOINTS

Data on Work Intensity, Monitoring, and Health at Amazon Warehouses

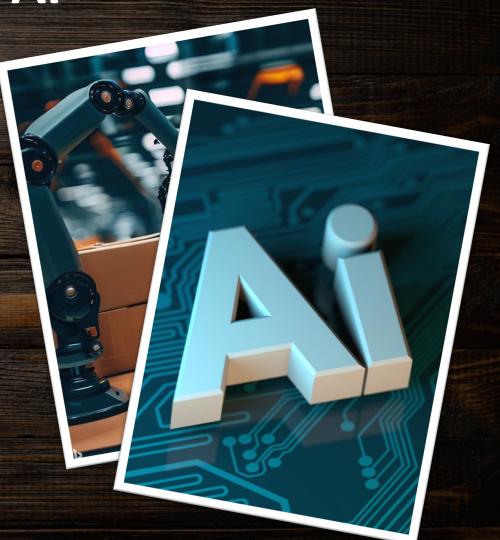


Theory	Relevant Question	Main Emphasis	Limitations
Utilitarianism	"What consequences will this action have?"	The greatest good for the greatest number. Focuses on the outcomes of actions.	Can justify morally questionable actions if they lead to greater overall happiness. Difficult to predict outcomes.
Deontological Ethics	"Is this action inherently right or wrong, regardless of the consequences?"	The morality of an action is based on whether it adheres to a universal rule.	Can lead to morally problematic outcomes if adhering strictly to rules. Ignores the consequences of actions.
Virtue Ethics	"What would a virtuous person do in this situation?"	Character and virtues that a good person should have, rather than on rules or consequences.	Can be vague about specific actions to take. Does not offer specific rules but counts on character.



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A survey of AI ethics in business literature:

Maps and trends

Marco Tulio Daza and
Usochi Joanann Ilozumba

AVAILABLE IN OPEN ACCESS: https://t.co/epUEiEAxki

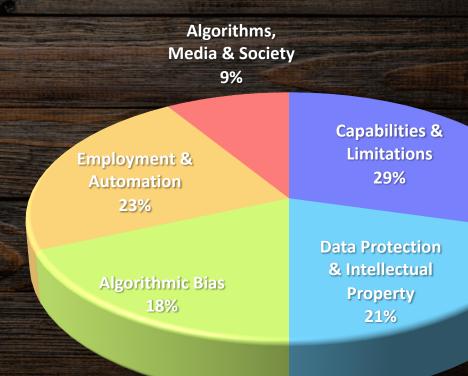






5 Ethical Challenges of Al

	Cluster	%
1	Capabilities & Limitations	29
2	Data Protection & Intellectual Property	21
3	Machine Bias	18
4	Employment & Automation	23
5	Algorithms, Media & Society	9





LLMs and its world understanding



You

dibuja un reloj Rolex a las 13:30



show me a picture of a tag here watch at 6:15



Dibuja un reloj de muñeca cuyas manecillas apunten a las 8 con 30 minutos



ChatGPT

0 7



Here's the image of a Rolex watch showing the time at 13:30.









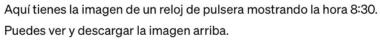


Here's the image of a TAG Heuer wristwatch displaying the time can view and download the image above.















You

Draw the Big Ben in London pointing to be the 3 o clock



ChatGPT



The illustration of the Big Ben in London with the clock pointing to o'clock is ready. You can view and download the image above.







You

Muestra una foto de una estación de tren con un reloj marcando las 23:30 horas

BUSINESS SCHOOL



ChatGPT



Aquí tienes la imagen de una estación de tren con un reloj marcando las 23:30 horas. Puedes ver y descargar la imagen arriba.



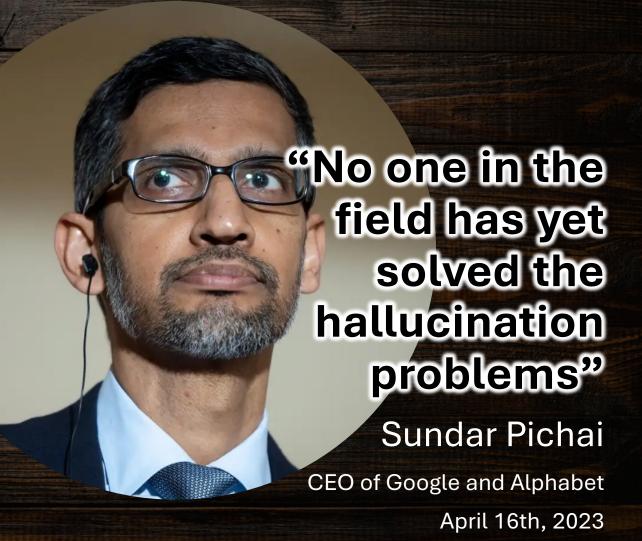






Al Hallucinations

- It is the generation of incorrect or incoherent responses by Al.
- It presents the word that best fits your prompt based on statistical correlations.
- This can occur across various Al applications, including natural language processing (NLP), image recognition, and more.



Capabilities & Limitations of Al









Hallucinations ChatGPI



Un auto que sal ¿Cuánto tiempo



You

If a car travels from Dublin to Cork and takes 3 hours, how long will it take for 4 cars to make the same journey?



Si un solo auto 1 podemos calcu el tiempo total e

En este caso, di

4 horas / 4 auto

Por lo tanto, si 4 Guadalajara a P



ChatGPT

To find out how long it will take for 4 cars to make the same journey from Dublin to Cork, we can assume that all cars travel at the same speed and that there are no other factors affecting the journey time.

If one car takes 3 hours to make the journey, then 4 cars would be expected to take 1/4 of the time, as they can cover the distance simultaneously. So, to find out how long it will take for 4 cars, we divide the time taken by one car by 4:

3 hours \div 4 = 0.75 hours

So, it will take 4 cars 0.75 hours (or 45 minutes) to make the same journey from Dublin to Cork.

<3/3> ↑ 5 ₽







y"? Aquí esta la letra, ¿identificas

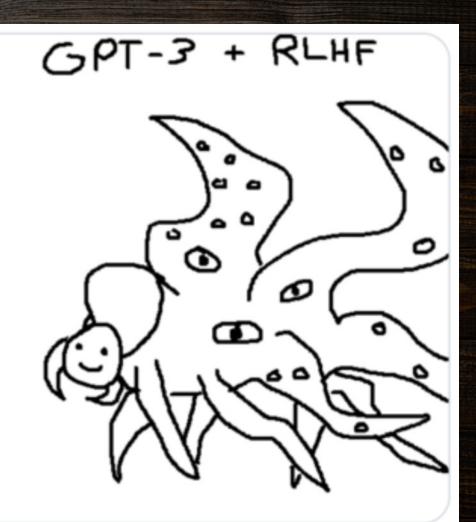
malentendido. La letra que me la canción "El Presidente" de la ular mexicana "El Rey".

ntov, no hay errores evidentes en el enido lírico puede tener den interpretarse de diferentes



The Shoggoth Meme





Capabilities & Limitations of Al









Capabilities & Limitations of Al





TROUBLED: Kevin Roose could not sleep after his chat to Sydney

After grieving widow says husband was encouraged to take his own life by AI...

Now chatbot tries to get a happily married author to leave his wife



Privacy & Intellectual Property







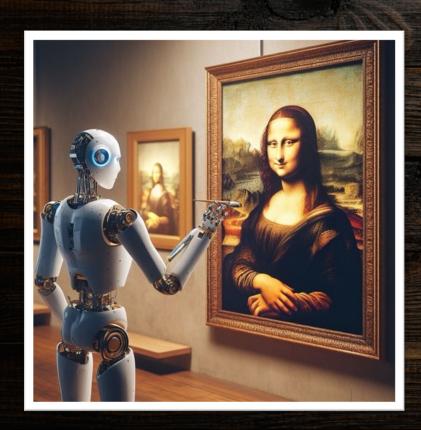
Privacy & Intellectual Property



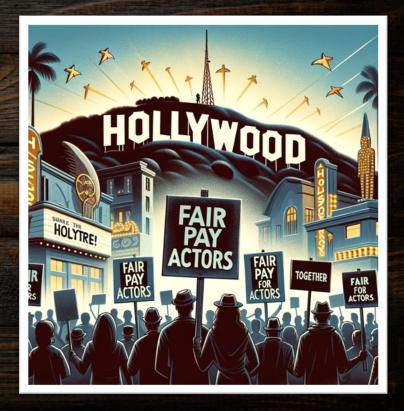




Privacy & Intellectual Property











Al can reflect discrimination based on age, race, gender, religion, and many others.

This is because its training data consists of records of previous human behavior.

RLHF.

"The text that you're using to train these models is going to be encoding ...all of the sexist and racist things that are on the internet,"

Timnit Gebru Al Ethicist | April, 2023

Algorithmic Bias



Two Petty Theft Arrests



Borden was rated high risk for future crime after she and a friend took a kid's bike and scooter that were sitting outside. She did not reoffend.

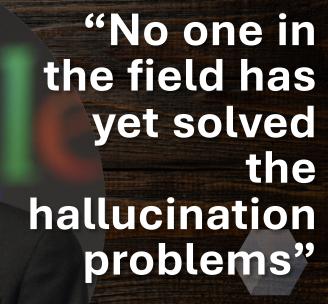


Al Hallucinations



It is the generation of incorrect or incoherent responses by Generative AI.

It presents the Word (or generates the image, soundo or movie clip) that best fits your prompt based on statistical correlations.



Sundar Pichai

CEO of Google and Alphabet April 16th, 2023





FORTUNE

Home News Tech Finance Leadership Well Re

RETAIL · AMAZON

Half of Amazon's warehous injured after just 3 years, a study that revealed far mor pain' than previously know

BY MATT DAY AND BLOOMBERG October 25, 2023 at 7:31 PM GMT+2

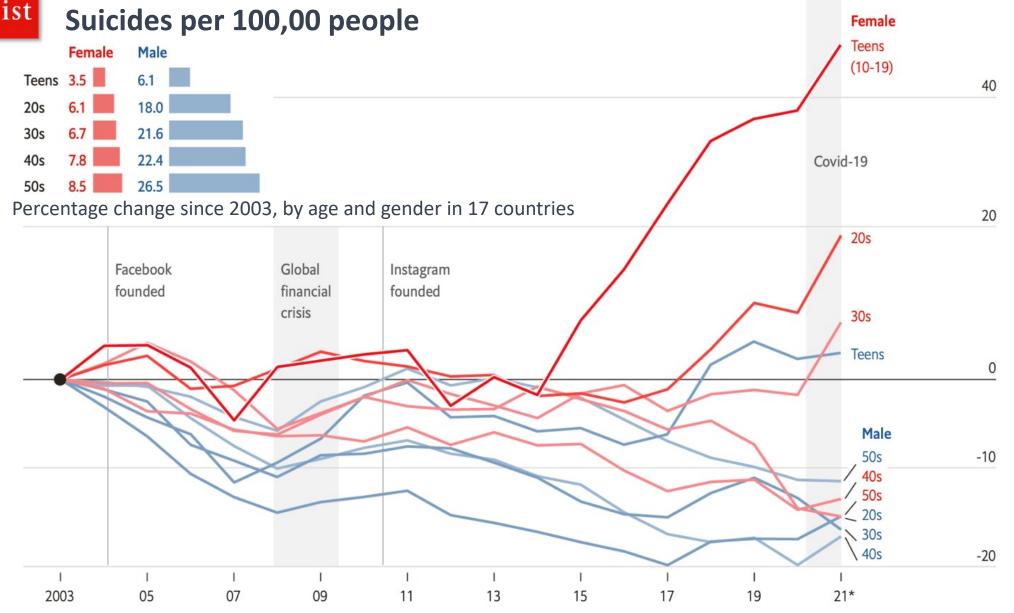






The Economist









Disinformation & Misinformation

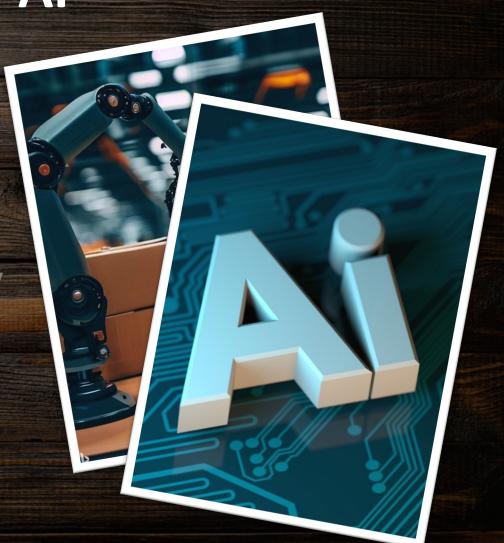
Generative Al's tendency to hallucinate and the possibility of delivering biased, inaccurate, or completely false information make its users vulnerable to believing and spreading misinformation, whether consciously or unconsciously.





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The Turing Trap

- Erik Brynjolfsson

- Turing Test: Imitation Game can lead to a trap. When machines imitate, they replace and displace people.
- When machines enhance capabilities, efficiency and productivity increase.

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