



#DiscussAI

AI IN MY LIFE

A World
Leading SFI
Research
Centre



Taster Workshop

HOST INSTITUTION



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

HOST INSTITUTION



PARTNER INSTITUTIONS



University College Dublin
An Coláiste Oibscúil, Baile Átha Cliath
Dublin City University



MTU
Munster Technological University



TUS



Maynooth University
National University of Ireland Maynooth



UNIVERSITY OF GALWAY

What is AI in My Life?



AI IN MY LIFE

- Workshop series on Artificial Intelligence
- Developed by ADAPT research centre and partners
- Designed to help students navigate the 'Age of AI'

Our Partners:



What you'll learn today



AI IN MY LIFE

- Learn about AI and how it's used
- Uncover some of the ethical and privacy implications of AI
- Evaluate the role of AI in your life and in society

Our Partners:



A few quick questions

Join at menti.com | use code **8829 9220**

AI IN MY LIFE TASTER WORKSHOP

1. What words do you associate with artificial intelligence?

Waiting for responses ...

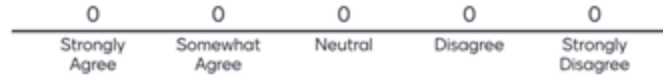


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AI IN MY LIFE TASTER WORKSHOP

2. I understand what 'Artificial Intelligence' is

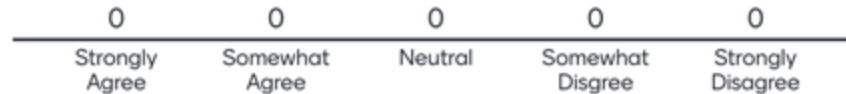


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AI IN MY LIFE TASTER WORKSHOP

3. I use Artificial Intelligence in my daily life.

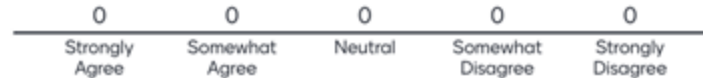


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AI IN MY LIFE TASTER WORKSHOP

4. I am interested in talking about artificial intelligence with other people.

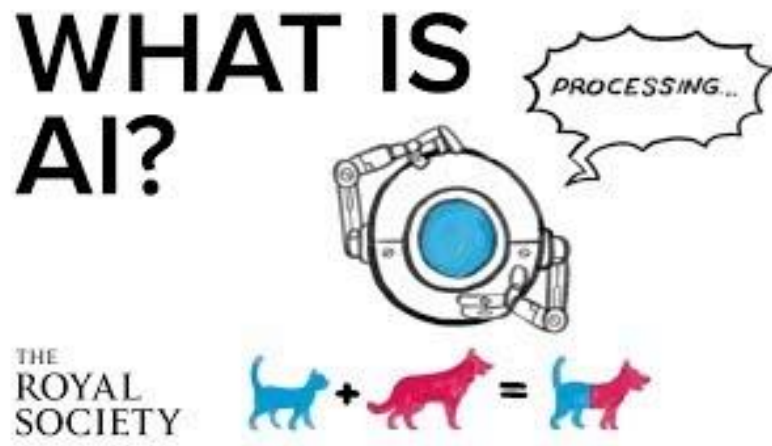


What is AI?



Artificial intelligence refers to **many different technologies** that are designed to **accomplish tasks** that can **otherwise be only carried out by human minds**, for example identifying patterns, recognising images, understanding languages or solving problems.

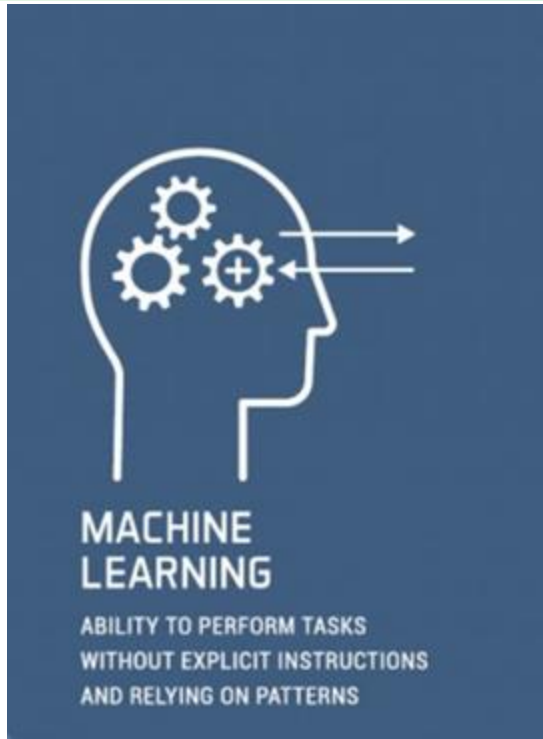
What is AI?



The Royal Society-

https://www.youtube.com/watch?v=nASDYRkbOIY&feature=emb_imp_woyt

Machine Learning



In the 1950s AI pioneer Arthur Samuel defined Machine Learning as “the field of study that gives computers the ability to learn without explicitly being programmed.”

Machine Learning

Where might we use machine learning in our daily lives?



Machine Learning



https://www.youtube.com/watch?v=f_uwKZIAeM0

Machine Learning Examples



Take out your phones/tablets and go to:

<https://thing-translator.appspot.com/>

Facial Recognition



Plan to introduce facial recognition technology for use by gardai

Updated / Wednesday, 25 May 2022 07:05



Facial recognition technology enables automated searches of CCTV footage

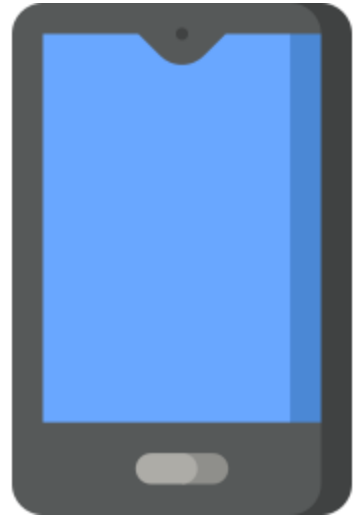
Emotion Detection



Emotion Detection

Use the below link on your phone or laptop. Follow the instructions on the webpage.

[Financial Times Emotion Detection](https://ig.ft.com/emotion-recognition/)
<https://ig.ft.com/emotion-recognition/>



Could AI be biased?



“We don't see things as they are, we see them as *we* are.”

Does Bias really matter?



Is AI always used for good?



Is AI always used for good?



Reference



Our Result

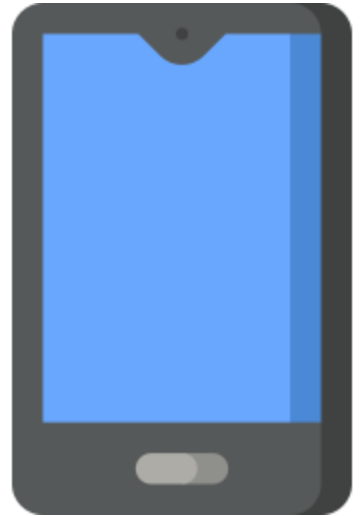
<https://www.youtube.com/watch?v=gLoI9hAX9dw>

Detecting Deepfakes

How good are you at spotting a real image from an AI-generated fake?

[Detect Fakes](https://detectfakes.media.mit.edu/)

<https://detectfakes.media.mit.edu/>



Deepfakes

Could Deepfakes be used for good?

What's your data worth?



Do you care about your data?



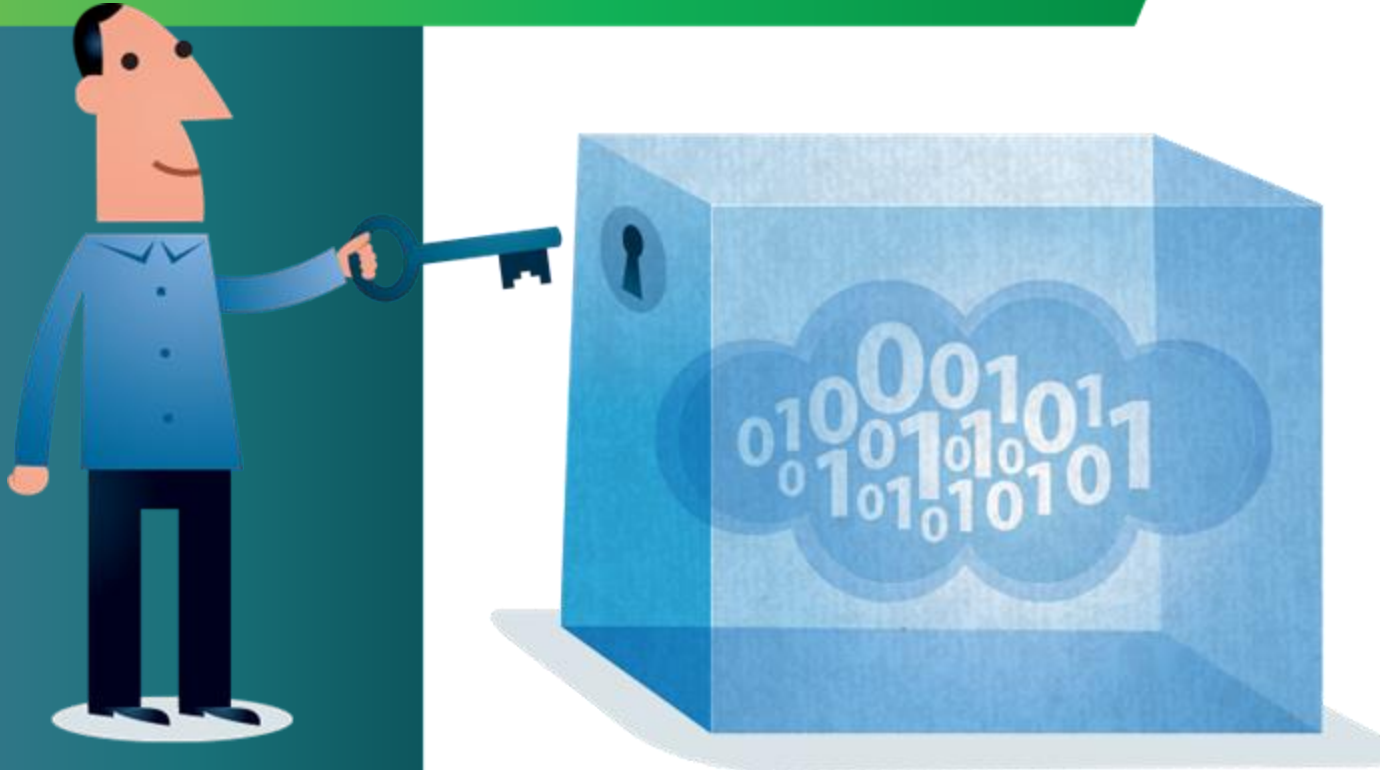
- Do you mind that Mark Zuckerberg knows your name?
- Do you mind that he can see your Insta/WhatsApp account (even though you didn't add him as a friend)?
- Do you mind that he knows your top 5 friends?
- Do you mind that he knows your top 5 posts?
- What about if he knows how you reacted to others' posts?
- What about your DMs?

Do you care about your data?



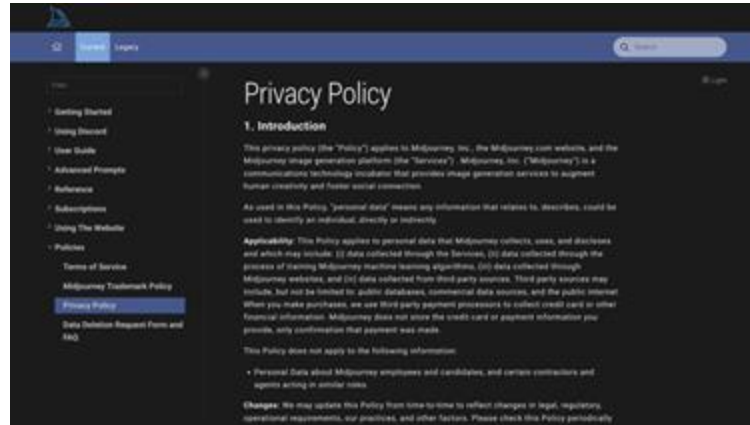
- Do you mind that **your teacher** knows your name?
- Do you mind that (s)he can see your Insta/WhatsApp account (even though you didn't add him as a friend)?
- Do you mind that (s)he knows your top 5 friends?
- Do you mind that (s)he knows your top 5 posts?
- What about if (s)he knows how you reacted to others' posts?
- What about your DMs?

Protecting Your Data while using AI Tools



Protecting Your Data while using AI Tools

1. Always Check the Privacy Policy Before Use



Midjourney privacy policy:
<https://docs.midjourney.com/docs/privacy-policy>

Tips adapted from:
<https://www.wired.co.uk/article/how-to-use-ai-tools-protect-privacy>

Protecting Your Data while using AI Tools

2. Watch what you share

ChatGPT

Tips for getting started

Ask away

ChatGPT can answer questions, help you learn, write code, brainstorm together, and much more.

Don't share sensitive info

Chat history may be reviewed or used to improve our services. Learn more about your choices in our [Help Center](#).

Check your facts

While we have safeguards, ChatGPT may give you inaccurate information. It's not intended to give advice.

Okay, let's go



OpenAI privacy policy:
<https://openai.com/policies/privacy-policy>

Tips adapted from:
<https://www.wired.co.uk/article/how-to-use-ai-tools-protect-privacy>

Protecting Your Data while using AI Tools

3. Change your settings

What data is collected and how it's used

Google collects your Gemini Apps conversations, related product usage information, info about your location, and your feedback. Google uses this data, consistent with our [Privacy Policy](#), to provide, improve, and develop Google products and services and machine-learning technologies, including Google's enterprise products such as Google Cloud.

Gemini Apps Activity is on by default if you are 18 or older. Users under 18 can choose to turn it on.

If your [Gemini Apps Activity setting](#) is on, Google stores your [Gemini Apps activity](#) with your Google Account for up to 18 months. You can change this to 3 or 36 months in your [Gemini Apps Activity setting](#). Info about your location, including the general area from your device, IP address, or Home or Work addresses in your Google Account, is also stored with your Gemini Apps activity. Learn more at [g.co/privacypolicy/location](#).

How human reviewers improve Google AI

To help with quality and improve our products (such as generative machine-learning models that power Gemini Apps), human reviewers read, annotate, and process your Gemini Apps conversations. We take steps to protect your privacy as part of this process. This includes disconnecting your conversations with Gemini Apps from your Google Account before reviewers see or annotate them. Please don't enter confidential information in your conversations or any data you wouldn't want a reviewer to see or Google to use to improve our products, services, and machine-learning technologies.

Configuring your settings

[Visit your Google Account](#) to access settings and tools that let you safeguard your data and protect your privacy.

Tips adapted from:
<https://www.wired.co.uk/article/how-to-use-ai-tools-protect-privacy>



Google Privacy Policy:
<https://policies.google.com/privacy>

AI and Ethics



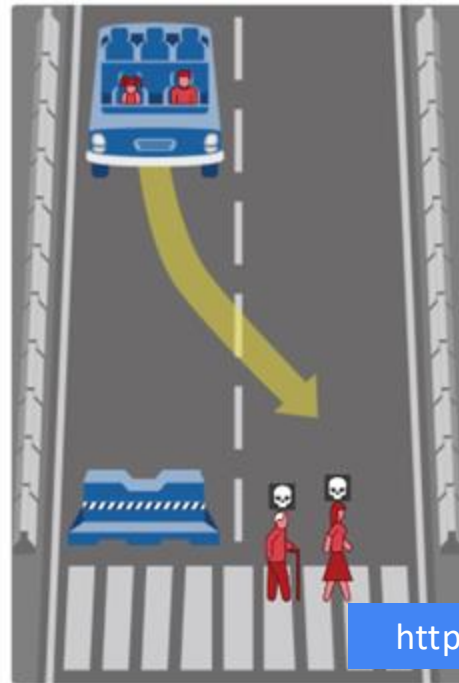
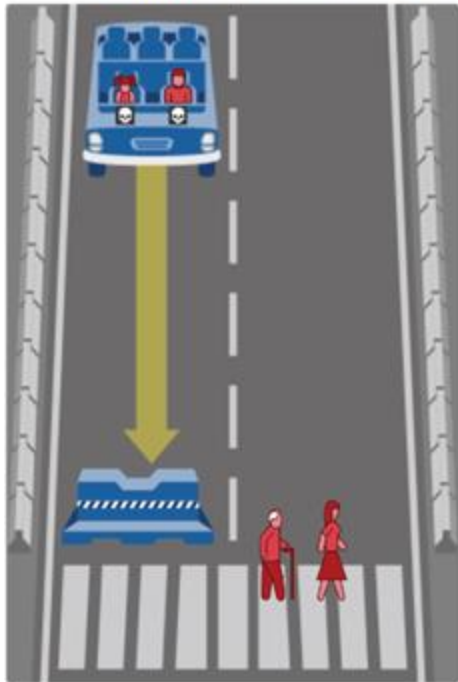
“If this happens, let’s program the car to move 2 inches away from the truck, to reduce risk of collision. I don’t like cyclists anyway!”

Source:
<https://www.evilaicartoons.com>

Ethical Decisions of AI

What should the self-driving car do?

The self-driving car with sudden brake failure will continue ahead and crash into a barrier ***killing a middle aged man and his young daughter***



The self-driving car with sudden brake failure will continue ahead and crash into a barrier ***killing an elderly man and a middle aged woman***

<https://www.moralmachine.net>

The Key Message



What have we learned?

AI is transforming our lives

The influence of AI is growing constantly

We need to balance the benefits with the drawbacks

You need to be ready for the 'Age of AI'

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AI IN MY LIFE TASTER WORKSHOP

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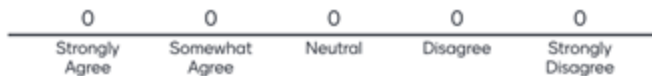


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AI IN MY LIFE TASTER WORKSHOP

2. I understand what 'Artificial Intelligence' is



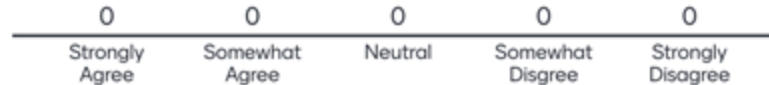
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AI IN MY LIFE TASTER WORKSHOP

3. I use Artificial Intelligence in my daily life.

Please continue right to the end of the survey (8 questions)





AI IN MY LIFE #Discuss AI



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Want to find out more about AI?

Sign up for more AI in My Life modules at:

[www.adaptcentre.ie/ai-in-my-life/
education@adaptcentre.ie](http://www.adaptcentre.ie/ai-in-my-life/education@adaptcentre.ie)

Thanks to our partners:



THE IRISH SOFTWARE
RESEARCH CENTRE

