



# Artificial Intelligence

## Friend or Foe?

RUSSELL WHITWORTH

NE HANTS & SW SURREY U3A NETWORK – 26 JUNE 2025

- 
- ▶ What is AI?
  - ▶ How does it work?
  - ▶ What can it do?
  - ▶ Chatbots – what are they good for?
  - ▶ What are the challenges?
  - ▶ Friend or Foe?

# What is AI?

2

## Traditional Computing

A programmer instructs the computer what to do

vs.

## Artificial Intelligence

The AI system “learns” by example

...hence an AI system's behaviour is:

- Complex
- Emergent
- Unpredictable
- Constantly improving



# A brief history of AI

3

1943

- McCulloch & Pitts design “artificial neurons”

1950

- Alan Turing – “Turing test”

1956

- John McCarthy coins the term “Artificial Intelligence”

1965

- "ELIZA" - an early chatbot

1972

- Expert Systems

1997

- IBM's Deep Blue defeats Kasparov at chess

2011

- Apple Siri (Google Now - 2012, Amazon Alexa - 2014)

2016

- Google's AlphaGo defeats the world champion in Go

2022

- ChatGPT

# Classifiers



Cat



Dog

# Generators

4



"A cat and a dog in formal dress at a dinner party"

# An AI Classifier in action...

5





In this talk we will focus on :

Generative AI  $\cong$  Large Language Models  $\cong$  AI Chatbots

# How AI Works ...over-simplified!



# What does a Large Language Model do?

8

- ▶ It predicts the next word. That's all it does!

Mary had a little...

Lamb (98%)  
Cat (1%)  
Dog (0.5%)  
Frog (0.1%)  
Hat (0.1%)  
Friend (0.05%)  
Ache (0.03%)

...

# The prediction is based on everything that has gone before...

What are the opportunities for AI in secondary education in the UK?

Artificial Intelligence (AI) presents several opportunities for secondary education in the UK:

## **Personalized Learning**

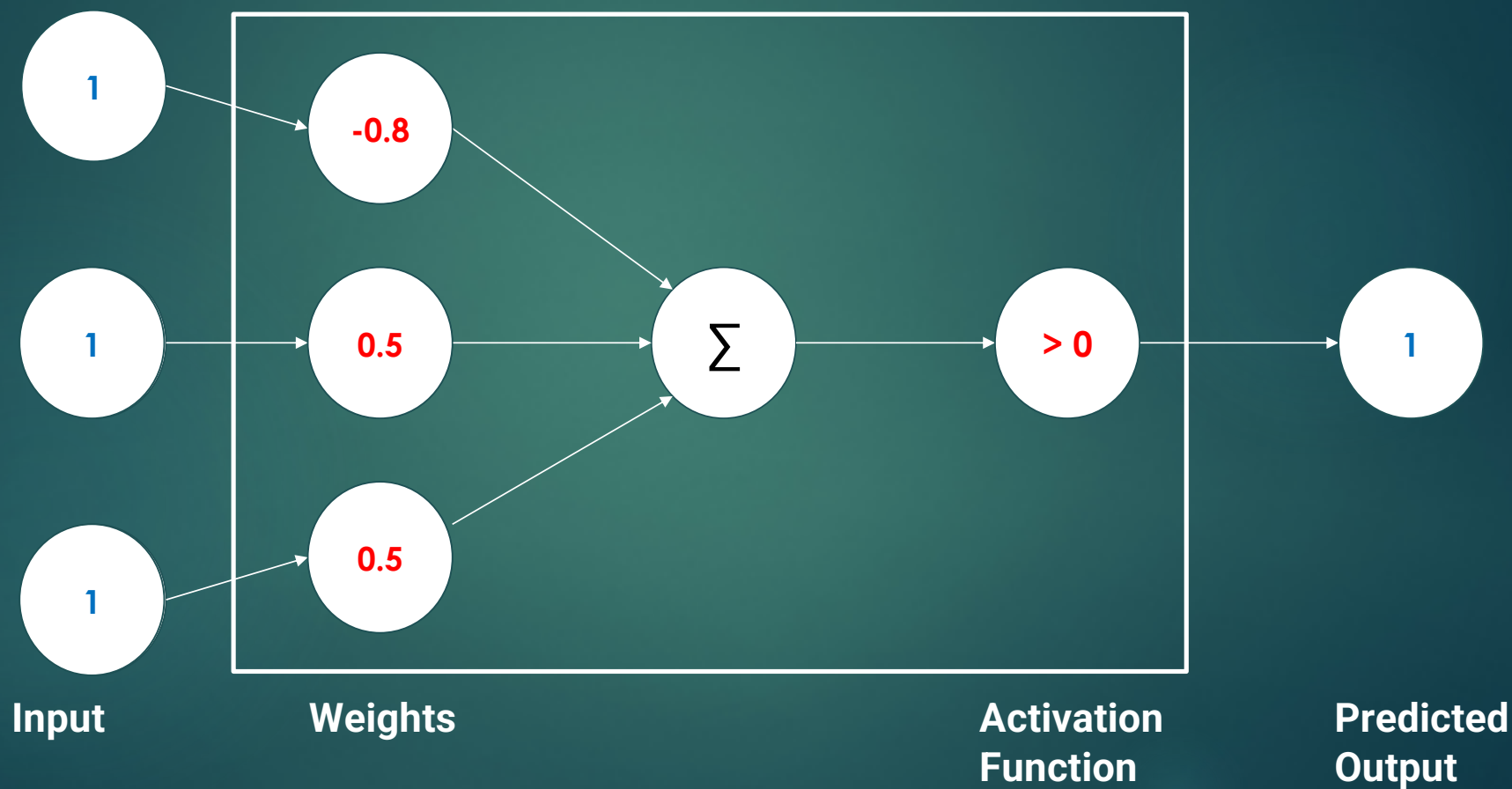
AI can enable more personalized and adaptive learning experiences for students. This includes:

Providing tailored learning information for students with different...

needs (95%)  
skills (2%)  
backgrounds (1.5%)  
abilities (0.1%)  
talents (0.1%)  
ages (0.05%)  
heights (0.03%)  
...

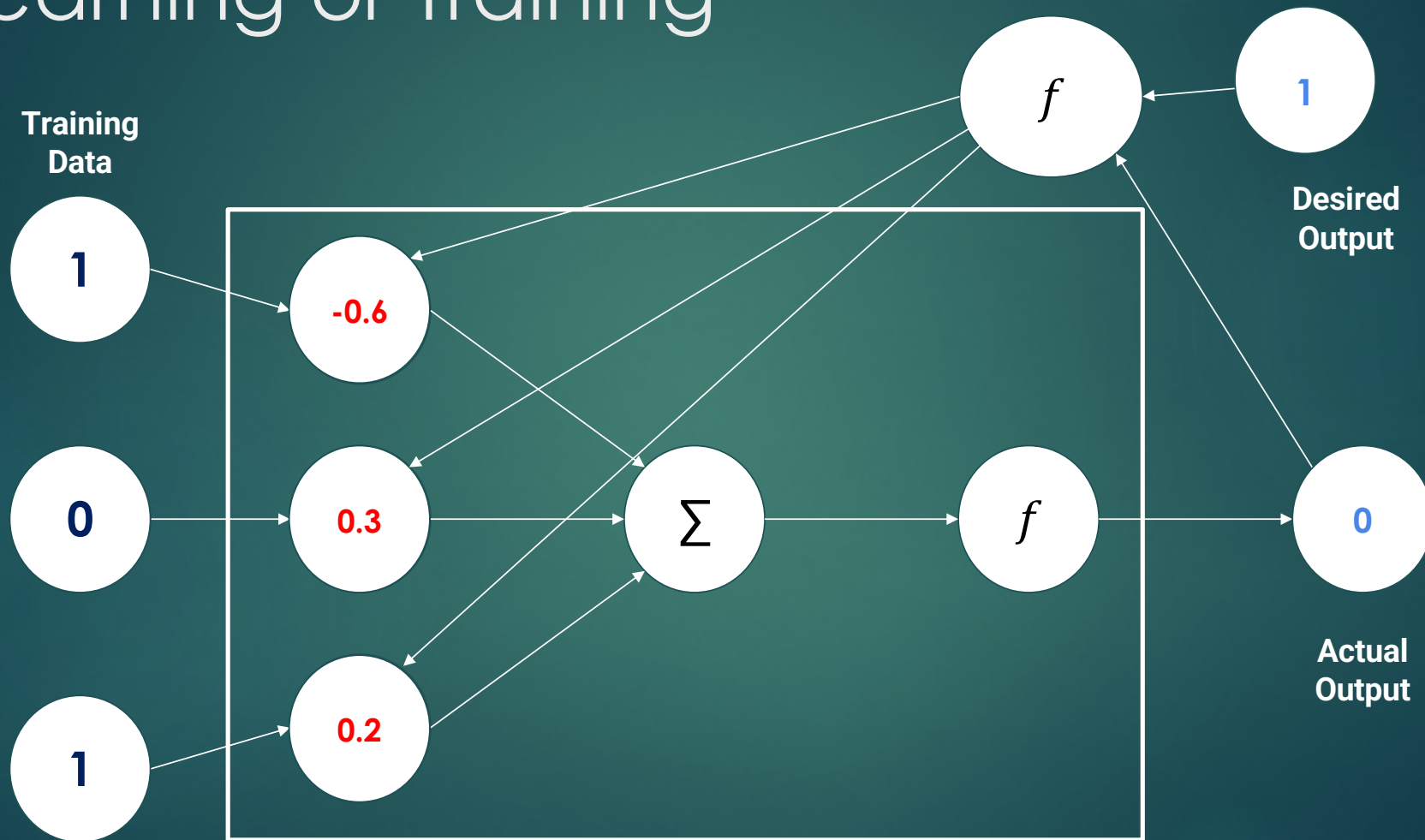
# Single Perceptron (or artificial neuron)

10

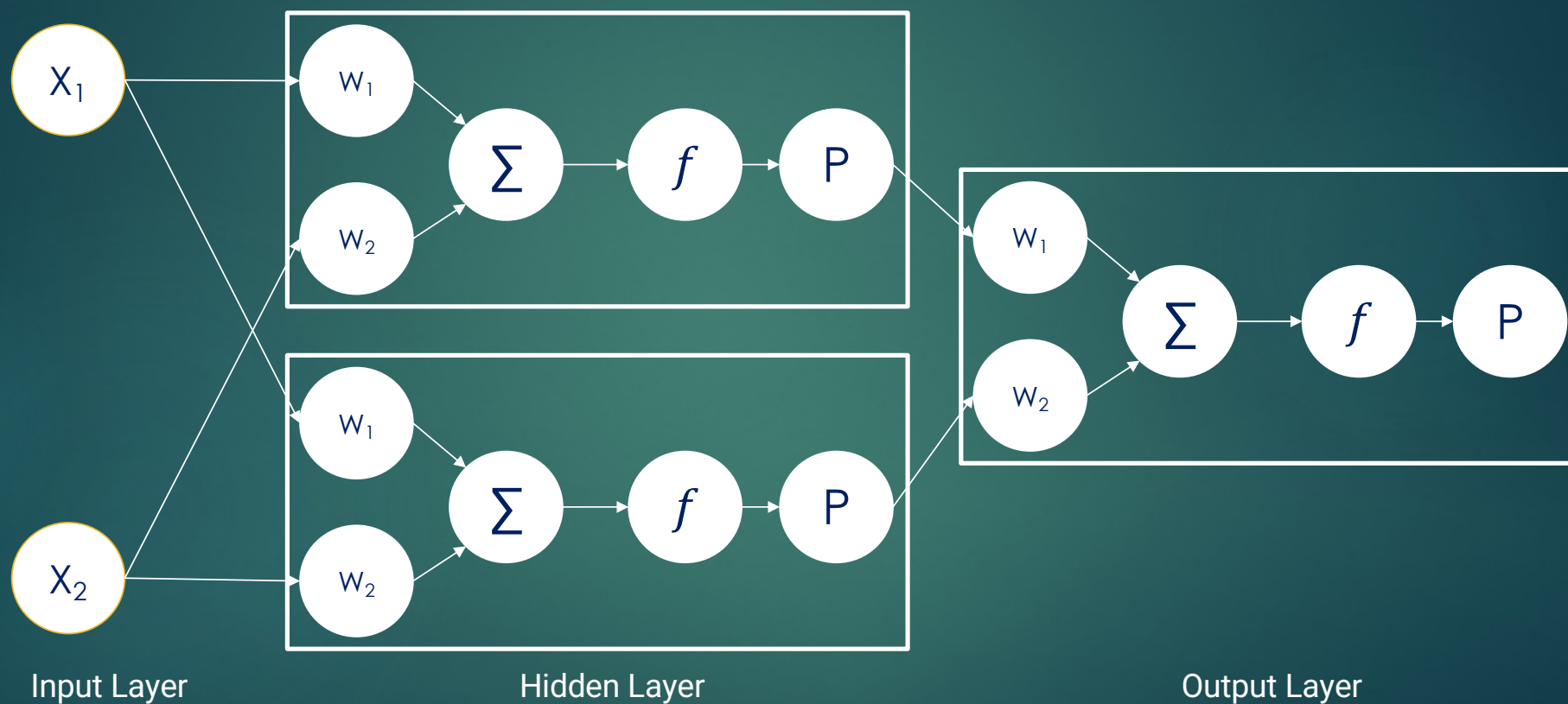


# Learning or Training

11

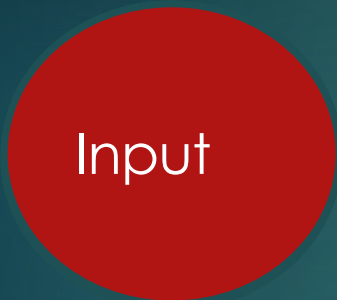


# Three Layers

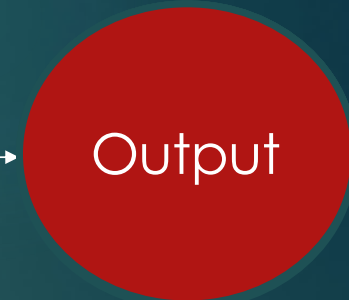
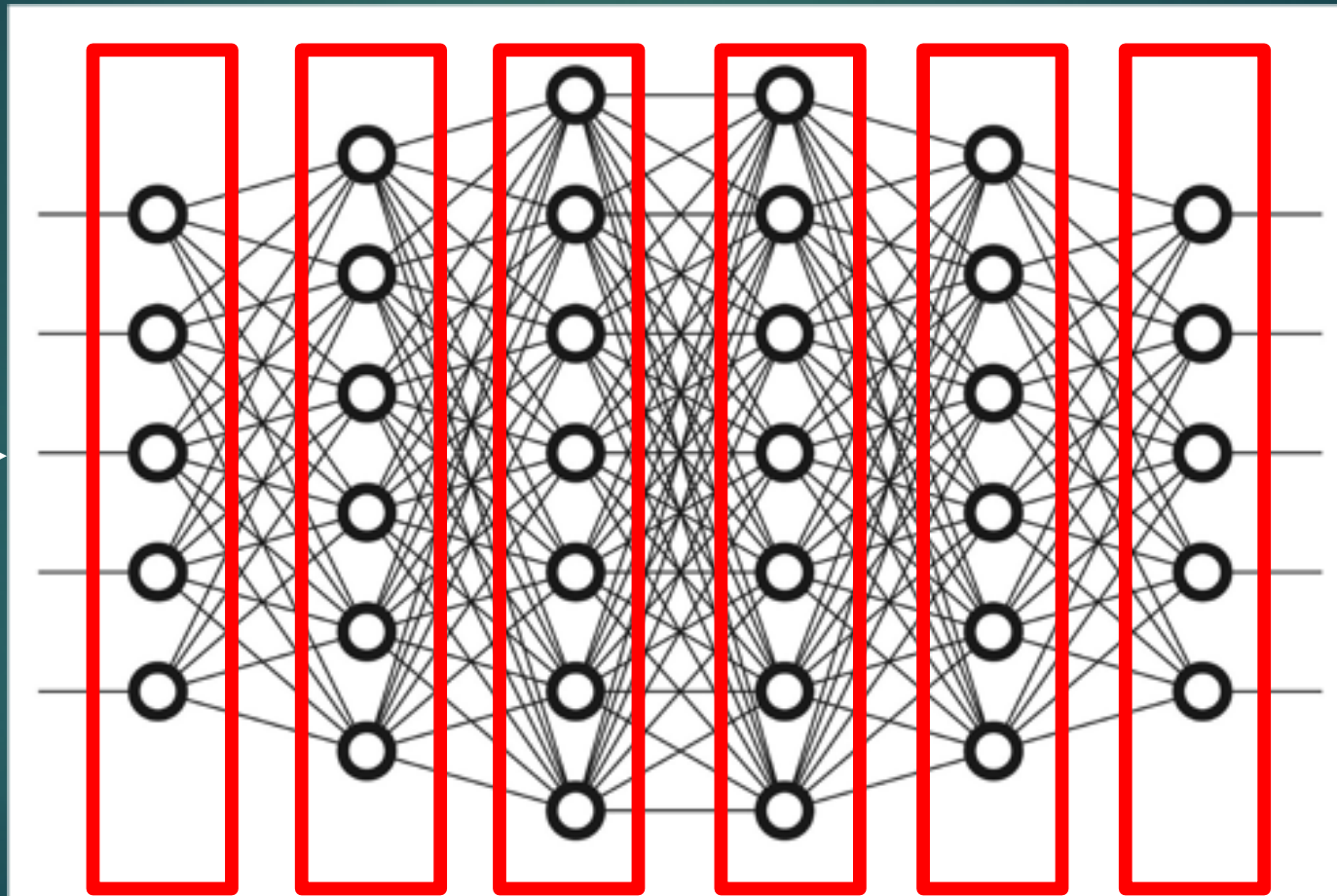


# n-Layers

13



Numbers,  
or Text,  
or Audio,  
or Image



Numbers,  
or Text,  
or Audio,  
or Image

Source: Peter Lord

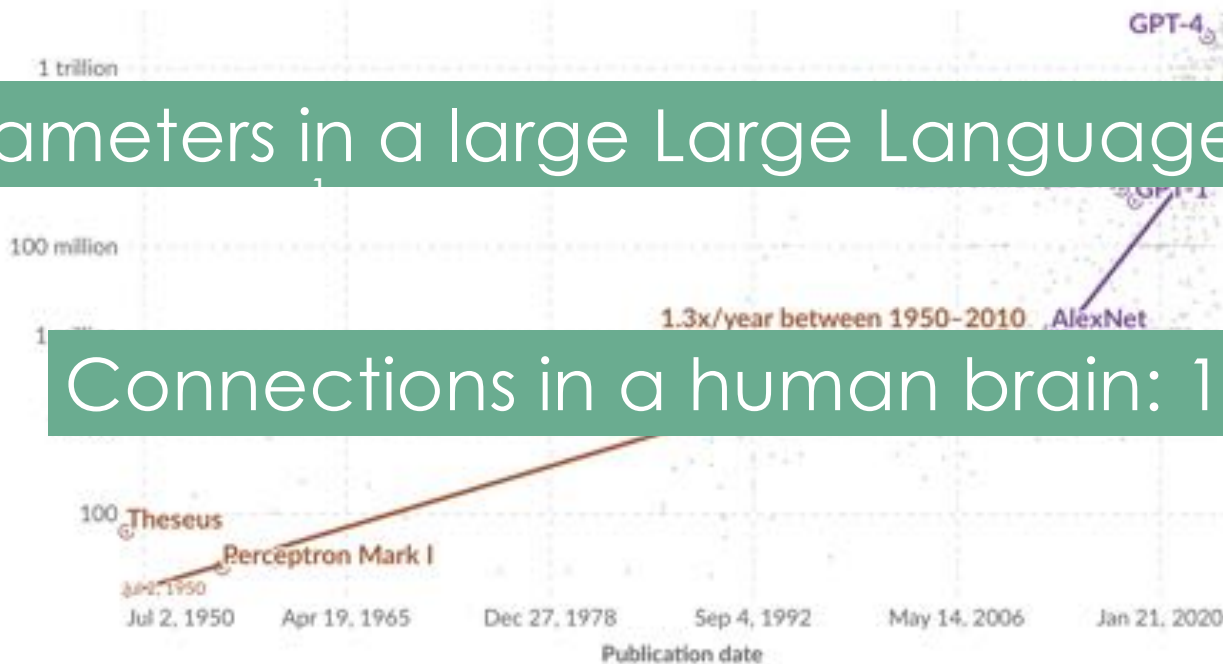
# How many parameters?

14

## Exponential growth of datapoints used to train notable AI systems

Each domain has a specific data point unit; for example, for vision it is images, for language it is words, and for games it is timesteps. This means systems can only be compared directly within the same domain.

Training datapoints (datapoints)



Our World  
in Data

Parameters in a large Large Language Model: >1 trillion

Connections in a human brain: 100 trillion

Data source: Epoch (2025)

OurWorldinData.org/artificial-intelligence | CC BY

Note: The regression lines show a sharp rise in data used to train AI systems since 2010, driven by the success of deep learning methods that leverage neural networks and massive datasets.



# “AI Everywhere” What can AI do?

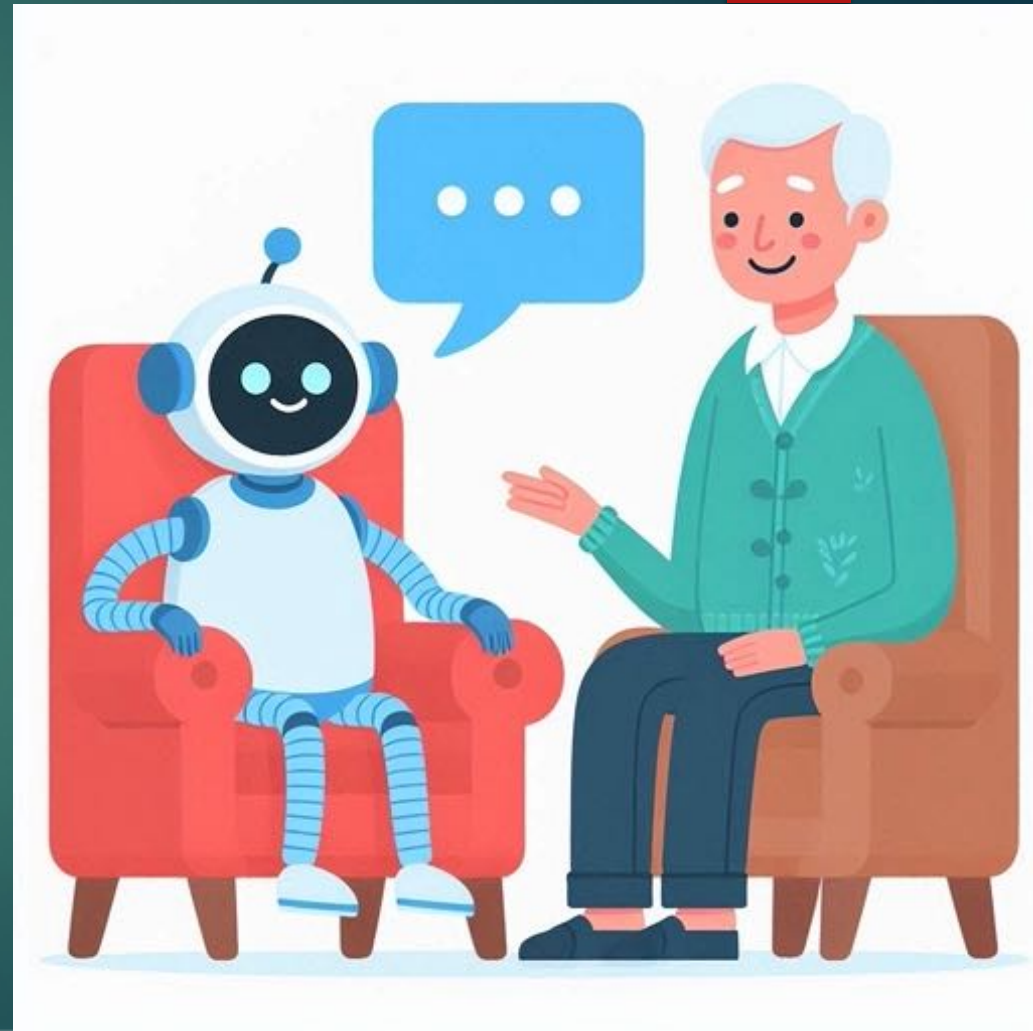
TYPICAL APPLICATIONS



# AI Chatbots

17

- ▶ Not to be confused with non-AI scripted Chatbots!
- ▶ ChatGPT, Microsoft Copilot, Google Gemini, Claude AI, Perplexity AI
- ▶ More detail in the next section...



# AI Art

18

- ▶ Most of images in this presentation were generated by Microsoft Bing
  - ▶ Unique
  - ▶ Free of copyright
  - ▶ Consistent look
- ▶ Other services
  - ▶ Midjourney.com, Leonardo.AI, Ideogram.AI
- ▶ Copyright law only applies to human-generated images – so AI images are inherently copyright-free, but...
- ▶ Be careful of producing images “in the style of” artists or corporations that protect their copyright

**Hokusai is long-since out of copyright!**





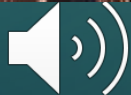
# AI Music

20

- ▶ AI can write songs!
- ▶ Examples:
  - ▶ Suno.AI
  - ▶ Udio.com
- ▶ The input is a text prompt describing the theme and style



A song in a jazz fusion style about the joys of the M25 motorway



On the M25, where the traffic's a game,  
Bumper to bumper, yet never the same.  
Round and round, in a tireless spin,  
Finding joy in the chaos we're in.

Signals flashing, a neon ballet,  
Drivers waltzing in an endless relay.  
With a horn's gentle hum, and a brake's soft tap,  
We cruise through the madness, embrace the mishap.

Oh, the M25, it's our circular friend,  
A loop with no start and a journey no end.  
In the blur of the headlights, we find our delight,  
In the dance of the wheel and the taillights' bright light.

A song in a jazz fusion  
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# Self-driving Cars

23

- ▶ Waymo taxi service currently in San Francisco, Los Angeles, Phoenix, AZ and Austin, TX. Currently testing in Las Vegas and San Diego.
- ▶ Uber Robotaxi is in service in Austin, TX.
- ▶ UK passed legislation in May 2024 to allow self-driving cars.
- ▶ Uber has announced that they will be testing their self-driving robotaxi service in London in Spring 2026.





# AI Video

25

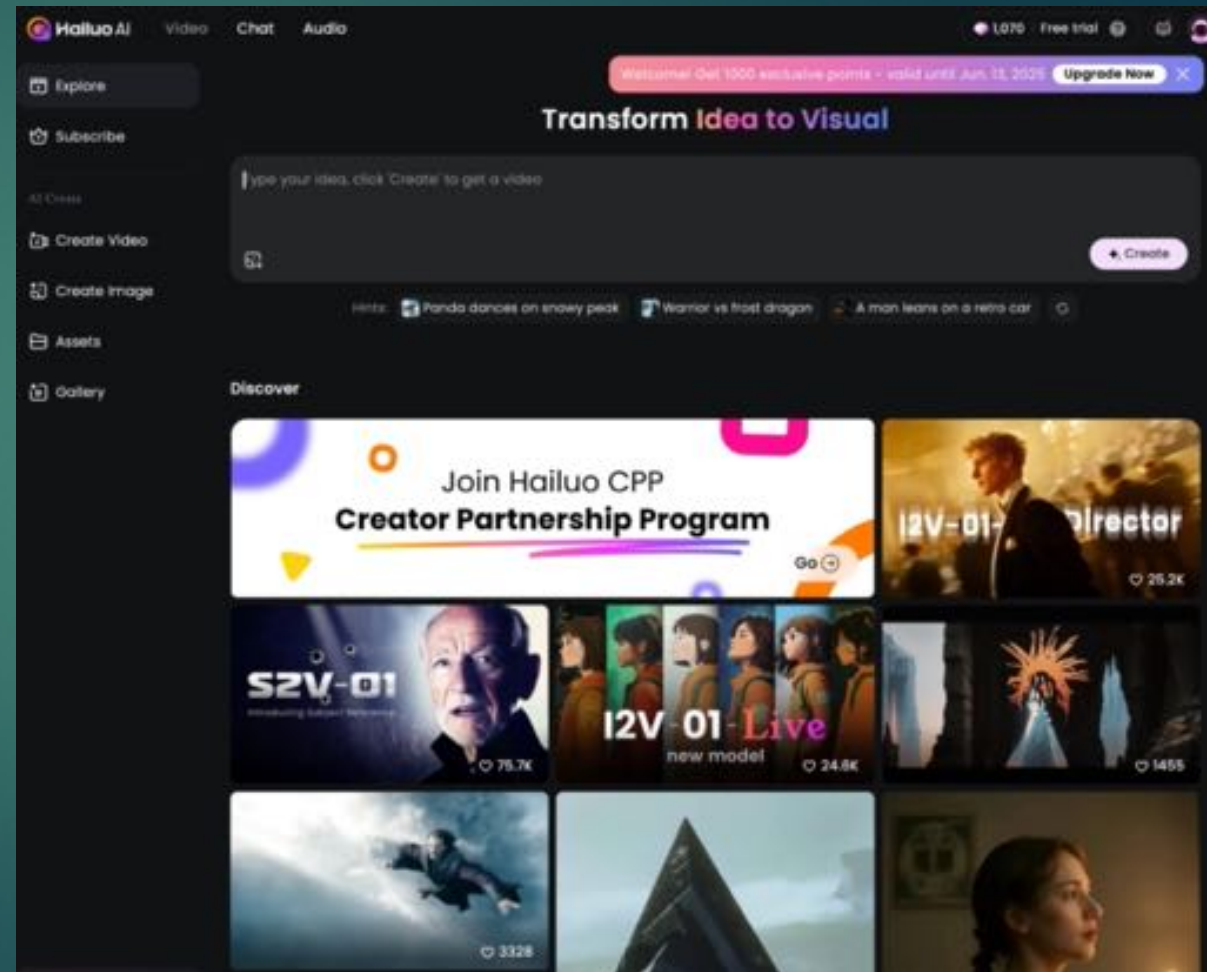
- ▶ Text-to-video (similar to text-to-image) is now possible, although it requires considerable processing power
- ▶ It is within reach for Hollywood studios to produce entirely AI-generated complete scenes
- ▶ The Hollywood actors' strike of July-November 2023 was in part to protect actors' rights to their own likeness... triggered by the Black Mirror episode "Joan is Awful"



# AI Video

26

- ▶ Free video creation tools exist, but they are currently fairly limited
- ▶ “Two people walking a dog in the Surrey Hills” – using Hailuo AI





# Data analysis

28

- ▶ AI can be trained to analyse vast quantities of data
- ▶ Very effective at spotting patterns in complex images – such as analysing medical diagnostic scans



# UK examples of AI in Medical Applications

29

## Breast Cancer Screening

- NHS “EDITH trial”
- 700,000 participants across 30 sites

## NHS Trust Implementations

- Royal Surrey NHS Foundation Trust (and others)
- AI tools for image analysis, workflow, diagnosis of cancer and neurological disorders

## Greater Manchester AI Diagnostic Fund

- AI in cancer imaging and diagnosis

## Research and Clinical Trials

- King's College, Guy's, St Thomas and others
- Validation and testing of AI tools for clinical use

AI Chatbots in  
more detail...



# What is it good for?

1. Complex queries: the initial request can be a paragraph or longer.
2. Continue the conversation, and the AI retains the context.
3. Ask the AI to adopt a role or persona.
4. Summarising.
5. Interpreting.



I will  
in June  
stay  
Wareham  
a far  
retire  
work  
and  
grand  
itine  
that  
of the

Summary Table: Activities by Group

| Activity                       | All Ages | Retired Couple | Working-age Couples | Young Child |
|--------------------------------|----------|----------------|---------------------|-------------|
| Wareham walk/boat trip         | ✓        | ✓              | ✓                   | ✓           |
| Tank Museum                    | ✓        | ✓              | ✓                   | ✓           |
| Monkey World                   | ✓        | ✓              | ✓                   | ✓           |
| Corfe Castle & Swanage Railway | ✓        | ✓              | ✓                   | ✓           |
| RSPB Arne                      | ✓        | ✓              | ✓                   | ✓           |
| Durdle Door & Lulworth Cove    | ✓        | ✓              | ✓                   | ✓           |
| Farmer Palmers Fun Park        | ✓        | ✓              | ✓                   | ✓           |
| Dorset Adventure Park          |          |                | ✓                   |             |
| Holme for Gardens              | ✓        | ✓              | ✓                   | ✓           |
| Wareham Carnival/Wednesdays    | ✓        | ✓              | ✓                   | ✓           |
| Blue Pool/Careys Secret Garden | ✓        | ✓              | ✓                   | ✓           |

pastal scenery. The walk down to the  
e views from the top, while others

ce cream by the sea.

est in your group, with hands-on

ults who want something active

d café stop, ideal for older family

ival and Wareham Wednesdays with  
evening 2.

om, or visit Careys Secret Garden

# What is it good for?

## 2. Follow-up questions

- I am repairing a 1970-vintage B&O amplifier
- I think a transistor needs replacing, but an exact replacement is expensive
- Can I use a modern equivalent?



Suggest some modern equivalents for a bc154 transistor

Pro Search

3 steps

Sources

🔍📄📌📁

Answer

specifications. Here are some suitable modern equivalents:

- **BC559:** This is a common modern equivalent for PNP transistors like the BC154. It has similar voltage and current ratings and is widely used in various applications <sup>4</sup>.
- **2N3906:** Another potential substitute, the 2N3906 is a general-purpose PNP transistor. While it might be slightly noisier in some applications, it is a robust choice for many circuits <sup>4</sup>.

- **2N3906:** Another potential substitute, the 2N3906 is a general-purpose PNP transistor. While it might be slightly noisier in some applications, it is a robust choice for many circuits <sup>4</sup>.

Before substituting, ensure that the replacement transistor's pinout matches the

Ask follow up...



response.

Will any of the  
bc547, bc548

35

When considering modern alternatives for the BC154 transistor, it's important to match the specifications such as polarity, voltage, current ratings, and package type. The BC154 is a PNP transistor, so suitable replacements should also be PNP transistors. Here's an analysis of the options you provided:

- **BC327:** This is a PNP transistor with a maximum collector-emitter voltage of 45 V and a collector current of 800 mA, making it a suitable replacement for the BC154, especially in applications requiring higher current capacity <sup>2</sup> <sup>3</sup>.
- **BC337:** This is an NPN transistor, so it is not suitable as a direct replacement for the PNP BC154.
- **BC517:** This is an NPN transistor with a high current gain, so it is not suitable as a direct replacement for the PNP BC154 <sup>4</sup>.
- **BC547, BC548, BC549, BC550:** These are all NPN transistors, so they are not suitable replacements for the PNP BC154 <sup>1</sup>.
- **BC556, BC557, BC558:** These are PNP transistors with similar voltage and current ratings to the BC154, making them good potential replacements. The BC557, for instance, has a collector-emitter voltage of 45 V and a collector current of 100 mA, aligning well with the BC154's specifications <sup>5</sup>.

In summary, the BC327, BC556, BC557, and BC558 are suitable modern alternatives for the BC154 transistor, with the BC327 being particularly useful for applications requiring higher current handling.



# What is it good

## 3. Adopting a role

“You are a pirate. Describe how this might visit Brownsea Island.”

Arrr, gather ye crew and prepare for a grand family adventure to Brownsea Island, the jewel o’ Poole Harbour! Here be how a band of landlubbers—young and old—might chart a course for a day of piratical fun:

### Setting Sail

- First, make yer way to Poole Quay or Sandbanks, where sturdy ferries await to whisk ye across the briny deep. The boat ride itself be a thrill for all hands, with the salty wind in yer hair and the promise of treasure (or at least adventure) on the horizon [4](#) [7](#).

### Landing on the Island

- Once yer boots hit the shore, the island opens up like a treasure map. The little ones can run wild in the Treasure Island play area, themed for pirates and perfect for young buccaneers to climb, balance, and imagine their own swashbuckling tales [4](#) [6](#).
- For the whole crew, there be woodland trails, perfect for a family stroll or a hunt for the elusive red squirrel—rare creatures that skitter through the trees like nimble deckhands [2](#) [3](#) [4](#).

### Pirate Activities for All Ages

- Follow the Smuggler’s Trail and see where rogues of old might’ve stashed their loot, or try the Tracker Pack for a spot of orienteering—just the thing for adventurous souls [4](#).
- The island’s natural play area and agility courses will keep the youngest pirates busy, while older shipmates might fancy a guided wildlife walk or a bit of birdwatching by the lagoon [3](#) [4](#) [6](#).
- There be dens to build, trees to climb, and even archery and mini-golf at the Baden Powell Outdoor Centre for those with a competitive spirit [6](#).

# Other roles to try...

- You are a high school science teacher. Explain radioactive decay.
- You are Ph.D-level physicist. Explain radioactive decay.
- You are an infant school teacher. Explain radioactive decay.
- You are the Prime Minister. Explain the current policy related to climate change.
- You are the Leader of the Opposition...  
*(but this gave out-of-date information and needed additional prompting)*



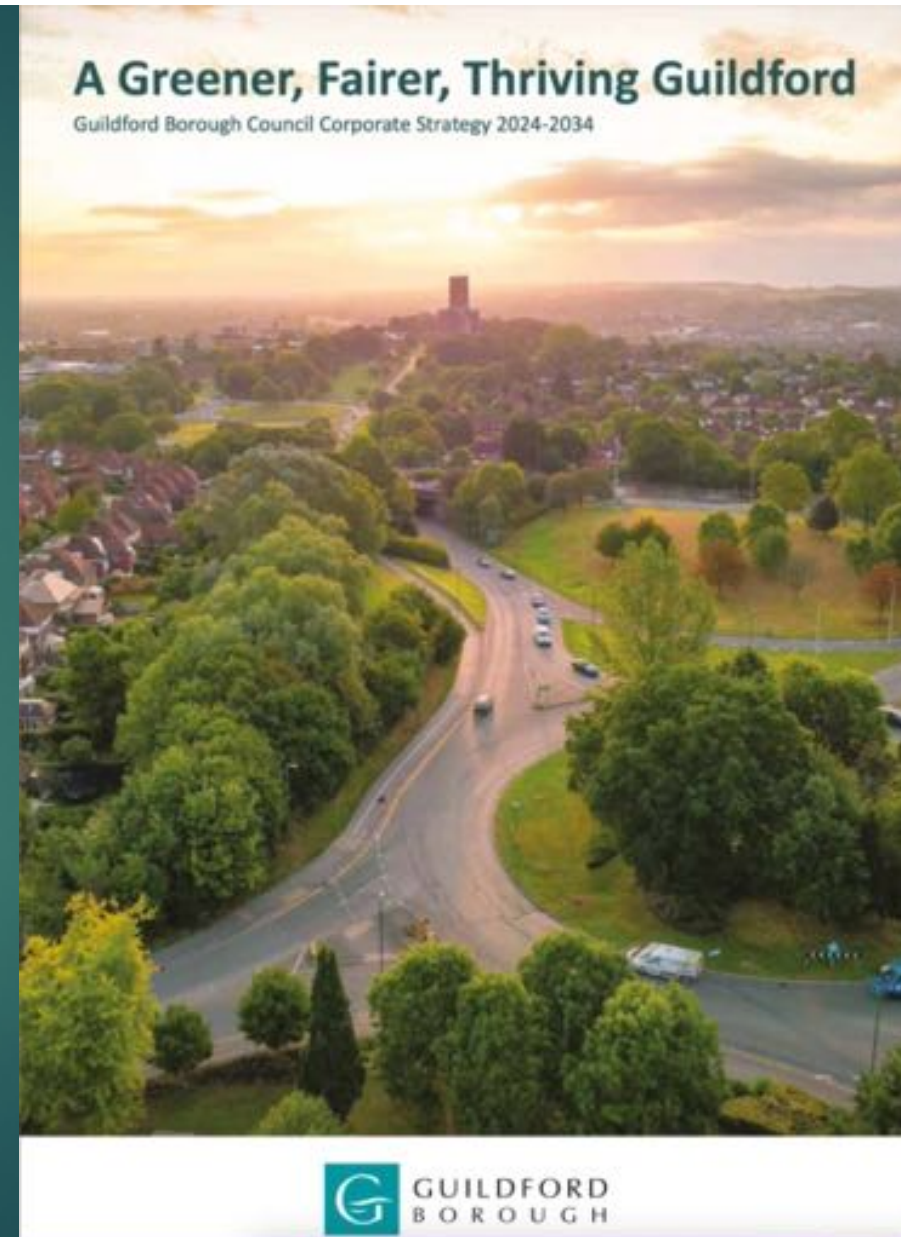
Imagine that everything around us—like rocks, bananas, and even people—is made of tiny building blocks called atoms. Most of the time, these atoms are very happy and stay the same. But sometimes, an atom is a bit wobbly or "unstable," like a tower of blocks that isn't stacked quite right...

# What is it good for?

## 4. Summarising

Provide a 4-paragraph summary of the attached document, particularly emphasising how it might impact retired members of the community

(Attachment: 17-page PDF)



## Perplexity

The document, titled "A Greener, Fairer, Thriving Guildford," outlines the Guildford Borough Council's Corporate Strategy for 2024-2034. The strategy is centered around five key priorities: sustainability, prosperity, inclusivity, housing, and resilience. The council aims to create a more sustainable borough by achieving net-zero carbon emissions by 2030 and working collaboratively with communities to maintain environmental benefits. This focus on sustainability includes reducing the council's environmental impact through a comprehensive Climate Change Action Plan. Additionally, the strategy emphasizes economic growth by attracting investment and supporting local businesses to ensure that the benefits are shared among all residents.

For retired members of the community, the strategy's emphasis on inclusivity and affordable housing is particularly relevant. The council aims to create a welcoming environment where diverse identities are respected and represented. This includes ensuring that all community members, including retirees, have a voice and can contribute to the community's success. The commitment to providing decent and affordable homes is another crucial aspect, as it addresses the basic human need for secure housing. By leveraging its role as a social housing provider and planning authority, the council seeks to ensure that local residents, including retirees, have access to affordable housing options.

The strategy also highlights the importance of a resilient and well-managed council, which is committed to serving its residents effectively. This includes prudent financial management, ensuring that public funds are spent wisely, and providing high-quality services. For retired individuals, this focus on efficient service delivery and value for money is significant, as it ensures that the council can continue to support essential services that they may rely on, such as healthcare, transportation, and community facilities. The collaboration with Waverley Borough Council to share resources and best practices further strengthens the council's ability to sustain and improve local services.

Overall, the Guildford Borough Council's Corporate Strategy for 2024-2034 aims to create a thriving community by focusing on sustainability, economic growth, inclusivity, housing, and resilience. For retired members of the community, the strategy's commitment to inclusivity, affordable housing, and efficient service delivery is likely to have a positive impact, ensuring that they can enjoy a high quality of life in a supportive and well-managed environment.

# What is it good for?

## 5. Interpreting/Explaining

Please interpret and explain this letter in simple, layman's terms



### Mr. Whitworth

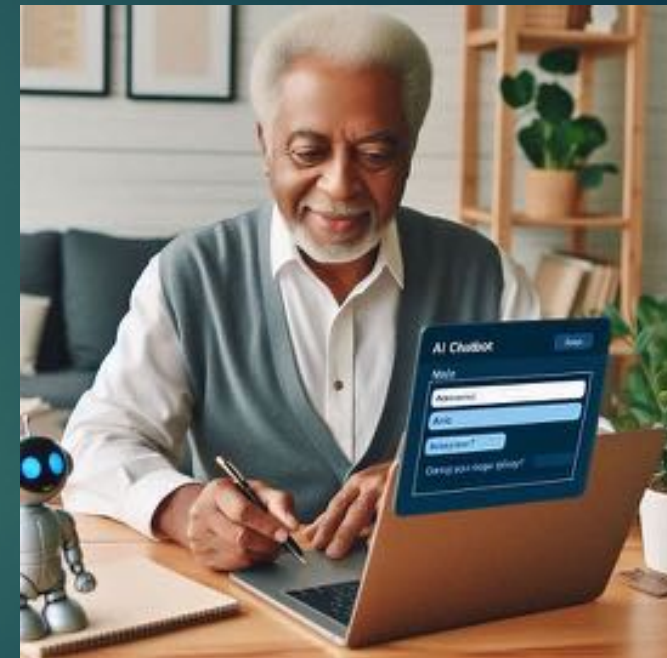
The letter is a medical communication from Miss Hana Hasni, a specialist in ophthalmology, to Dr. C F Han regarding a patient named Russell Whitworth. Here's a simplified explanation of the contents without including the date of birth:

- **Patient Information:** The letter concerns Russell Whitworth, who lives at 3 Fouglass Gardens, Merrow, Guildford, Surrey.
- **Diagnosis:** Mr. Whitworth has been diagnosed with glaucoma, a condition that can damage the optic nerve and lead to vision loss if not managed properly.
- **Current Treatment:**
  - Mr. Whitworth is currently using Fixapost eye drops in both eyes at night.
  - A new medication, Trusopt (preservative-free), has been added for the left eye to be used twice a day. This addition is due to a worsening of his visual field, meaning he is experiencing more difficulty seeing in certain areas, and he has noticed a shadow in his left eye.
- **Eye Examination Results:**
  - The pressure inside Mr. Whitworth's eyes (intraocular pressure) is measured at 17 mmHg in the right eye and 18 mmHg in the left eye. These values are within a normal range, but the left eye's visual field is deteriorating.
  - The right eye's visual field is normal, indicating no current issues with vision there.
  - An MRI scan of the left eye's orbit has been requested to check for any possible issues affecting the optic nerve, such as a compressive lesion.
- **Additional Findings:**
  - There is a developing cataract in the center of Mr. Whitworth's left eye. However, since his vision is still quite good (measured at 6/7.5), he does not qualify for cataract surgery under the NICE guidelines at this time.
- **Follow-Up and Requests:**
  - Miss Hasni plans to review Mr. Whitworth's condition in eight weeks.
  - She requests that Dr. Han continue to provide prescriptions for Mr. Whitworth's medications and promises to speak to Mr. Han with the results of the MRI.

This letter is intended to ensure that Dr. Han is informed about Mr. Whitworth's condition and treatment plan, and to coordinate ongoing care.

# Try it out!

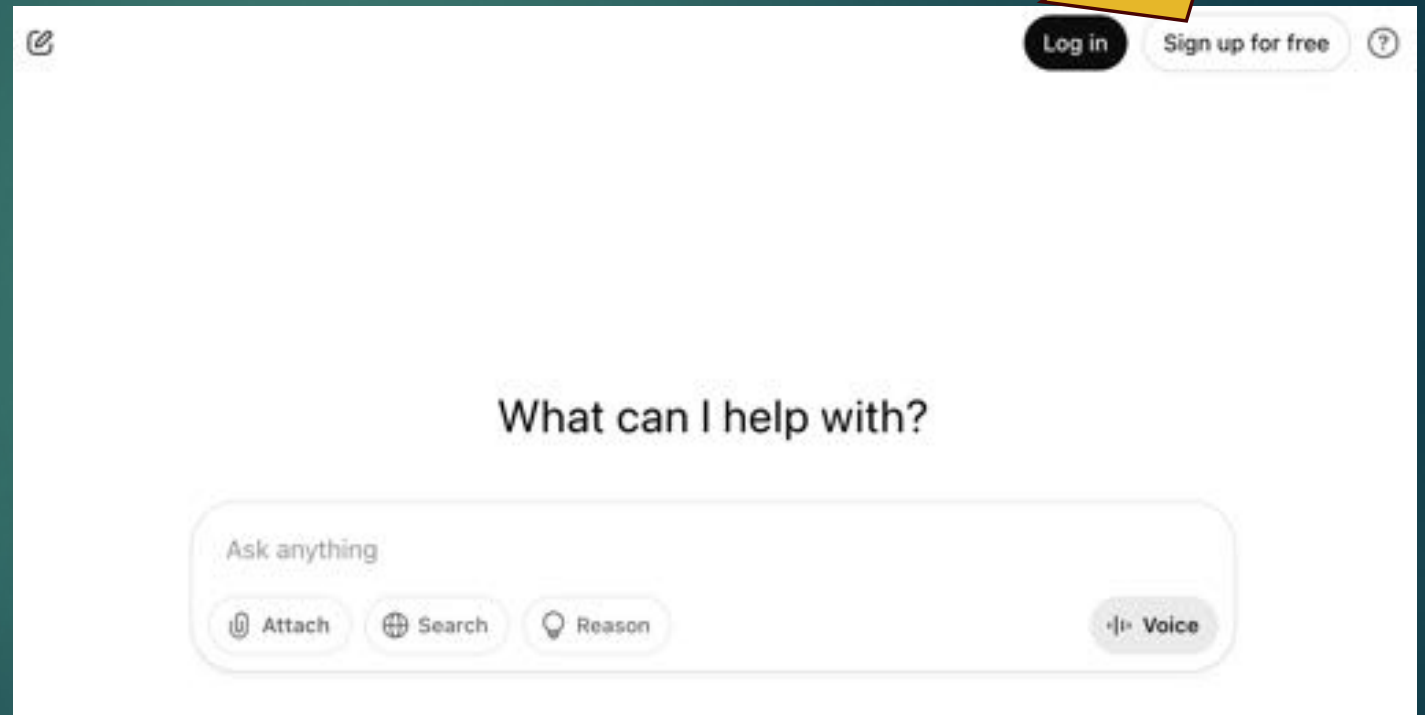
- Most are “freemium” services, i.e. the basic service is free, and a more advanced service is available for a subscription.
- They require a simple sign-up, usually with an email address, or with a Google, Microsoft or Apple account.
- ChatGPT – the best known
- Microsoft Bing Image Creator – good for images
- Claude AI – good for writing and reviewing code
- Perplexity – my favourite, because it provides links to its sources



# Getting Started

44

1. Go to chatgpt.com



# Getting Started

1. Go to chatgpt.com
2. Sign up

ChatGPT

## Create an account

Email address

|



Continue

Already have an account? [Log in](#)

OR



Continue with Google



Continue with Microsoft Account



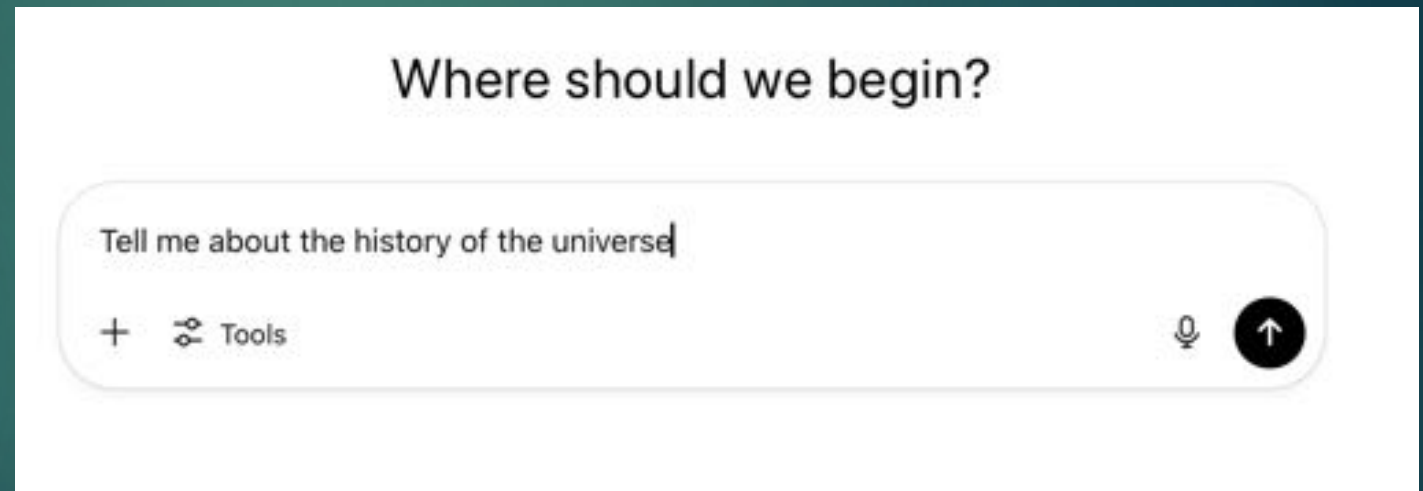
Continue with Apple

45

# Getting Started

46

1. Go to [chatgpt.com](https://chatgpt.com)
2. Sign up
3. Ask anything!



# Challenges



# “Hallucination” or “making stuff up”

- ▶ Large Language Models will always give you an answer... even if it doesn't know!
- ▶ It doesn't really understand time. Information can be out-of-date.
- ▶ It's reasoning skills are verbal rather than mathematical. It makes arithmetical errors.
- ▶ It can exhibit bias (race, religion, politics), reflecting the material it has been trained on.
- ▶ Think of ChatGPT as a very knowledgeable 4-year old, or a very skilled but ignorant librarian!
- ▶ It can make up scientific references; it can make up legal cases
- ▶ AI developers now employ thousands of humans to fix errors – by hand!
- ▶ For anything important... always check the sources!

48



# Plain, simple errors...

49

## AI Overview

About 66.1% of the world's population lives in countries that drive on the right-hand side of the road, which means that the majority of cars in the world are right-hand drive. [🔗](#)

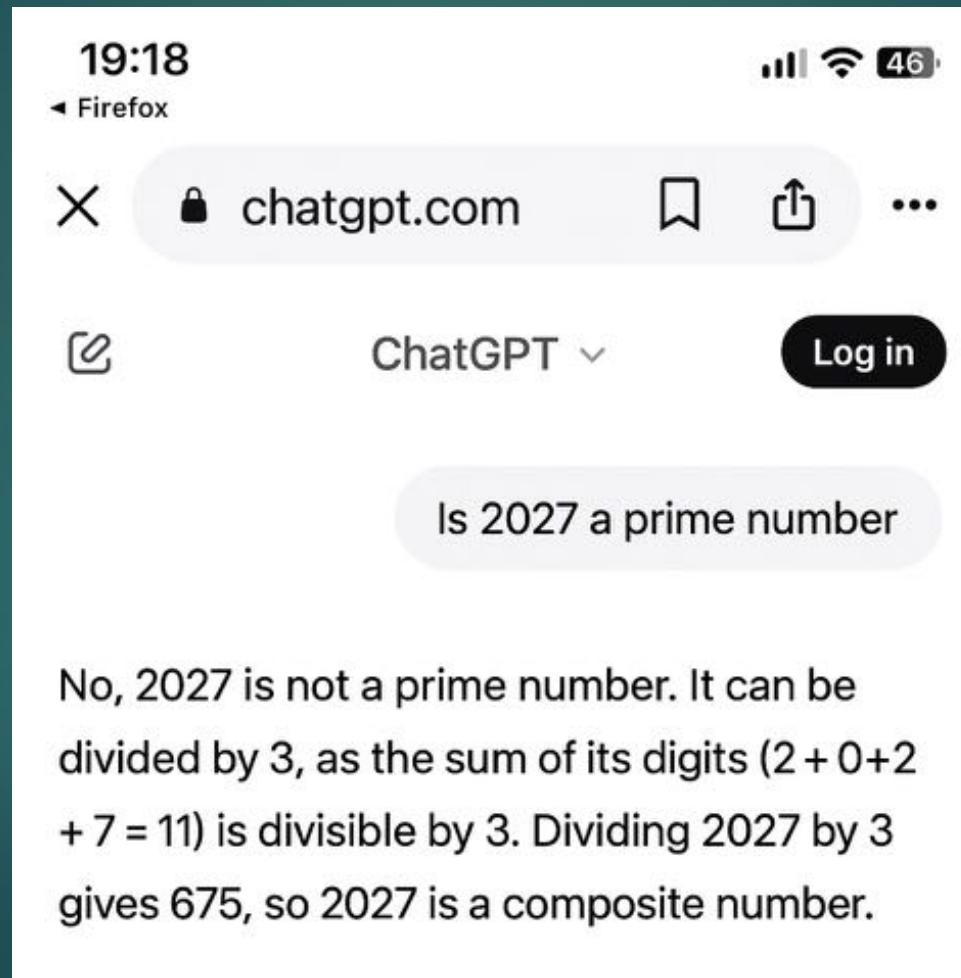


## Explanation

- Each country chooses whether to drive on the left or right side of the road. [🔗](#)
- This rule is called right-hand traffic (RHT) or left-hand traffic (LHT). [🔗](#)
- RHT countries require drivers to stay on the right side of the road. [🔗](#)
- LHT countries require drivers to stay on the left side of the road. [🔗](#)
- The rule of the road makes traffic flow more smoothly and reduces the risk of head-on collisions. [🔗](#)

# It's not very good at maths!

50



# Use of Power

51

- ▶ AI data centres consume huge amounts of power
- ▶ There are two aspects: Training, and Usage
- ▶ Commercial companies do not publish this data
- ▶ A ChatGPT query perhaps uses almost 10x the energy use of a Google search [International Energy Agency]

But...

- ▶ Many of these companies are investing in renewable electricity. Apple is 100% renewable for its operations. Microsoft has a 20-year contract to reactivate Three Mile Island. Amazon, Google and Meta are also investing in nuclear.
- ▶ For some applications, e.g. image generation, the carbon footprint may be less than traditional methods
- ▶ Efficiency is improving
- ▶ AI is being used in the power industry to optimise generation and transmission



# Jobs

52

- ▶ Like any “revolution” jobs are lost, and new jobs are created. The World Economic Forum estimates 97 million AI jobs in 2025.
- ▶ “Prompt Engineer” – a job that didn’t exist 3 years ago
- ▶ Data tagging and guardrail fixes are major employers in low-wage economies
- ▶ AI’s best role is as an assistant to a human expert (medical, legal, financial, marketing,...)

But...

- ▶ The jobs that are being lost are typically intern or assistant roles
- ▶ Where will the next generation of experts gain their experience?

## Job description

### Prompt Engineer

- Opportunity for a Prompt Engineer to join a market leading Software Development service
- Based in Reigate, Surrey
- Salary up to 70,000 + fantastic benefits
- Apply online or contact Chelsea Hackett via (see below)

### ABOUT THE CLIENT:

My client provides businesses with tools to enhance the effectiveness of customer communications. Their services include tracking phone interactions, analysing conversations, and linking them to online activities. By extracting valuable insights from incoming calls, they aim to drive improvements in marketing strategies, sales performance, and customer support. Operating for more than ten years, they cater to sectors like retail, finance, and healthcare, with a presence in both the UK and the US.

### THE BENEFITS:

- Early finish Friday's
- Options to buy additional holidays
- Private medical insurance
- Tech scheme loan
- Hybrid working
- Employee assistance programme
- Life insurance

### THE PROMPT ENGINEER ROLE:

In this role, you will craft, refine, and optimise the prompts that shape AI-generated responses, directly influencing user experience and product success. Collaborating with AI researchers, data scientists, and product teams, you will contribute to cutting-edge solutions in a fast-paced, forward-thinking environment.

# Safety

Against a background of rapid and accelerating development of AI systems, the report identifies these risks:

- Scams
- Non-consensual intimate imagery and child sexual abuse material
- Bias
- Reliability
- Privacy
- Labour market impacts
- Hacking
- Biological attacks
- Loss of control of general-purpose AI



## International AI Safety Report

The International Scientific Report  
on the Safety of Advanced AI

January 2025

# Approaches to AI Safety

54

## Europe

- Precautionary approach
- Strict regulation
- Proactive approach to prevent harm
- Focus on ethics, human rights and fundamental freedoms

## UK

- ???

## USA

- Light-touch regulation
- Encourage innovation
- Industry self-regulation
- Focus on competitiveness and national security

# Future Adoption and Trends



# AI vs AGI

56



## **Artificial Intelligence (“narrow AI”)**

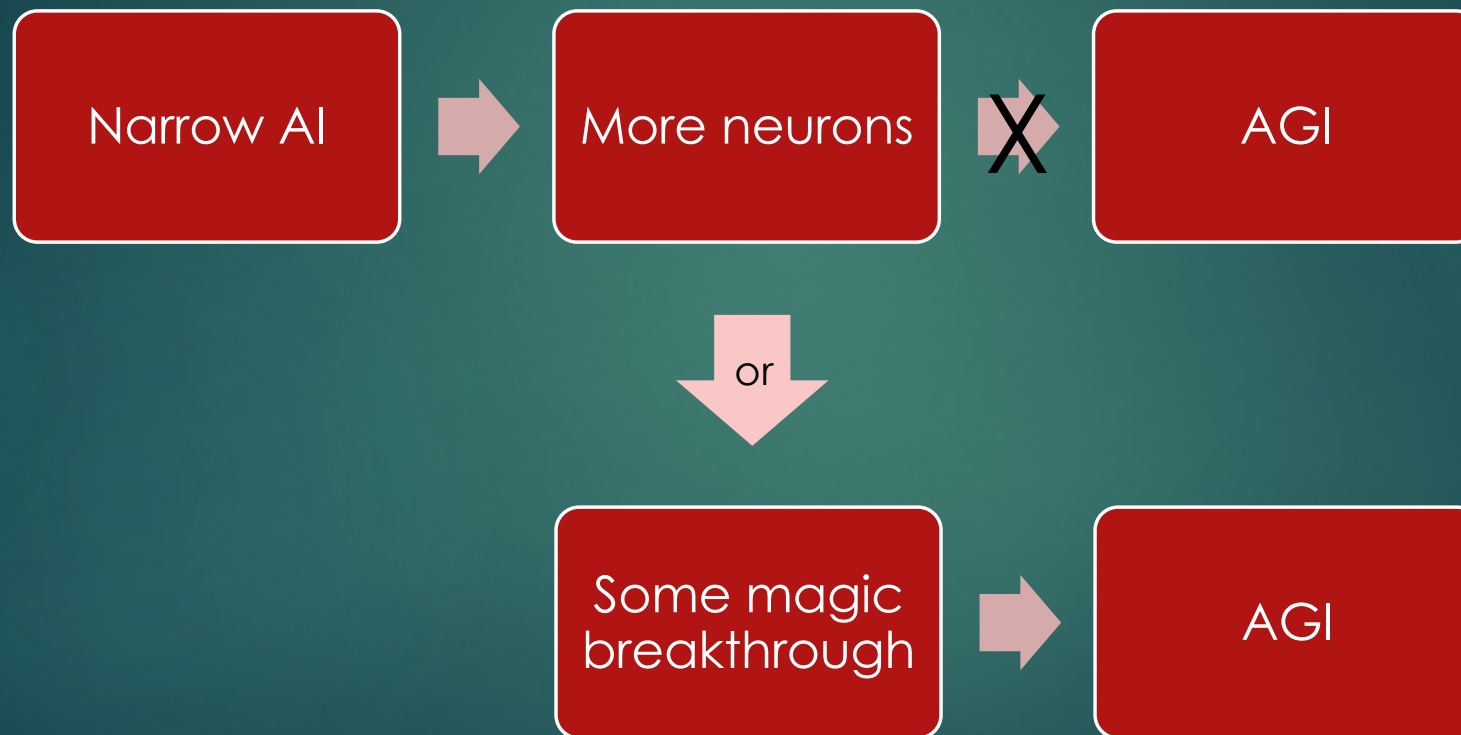
A system that can perform specific tasks that typically require human intelligence

## **Artificial General Intelligence**

A machine that can perform any intellectual task that a human can

# Two paths to AGI

57



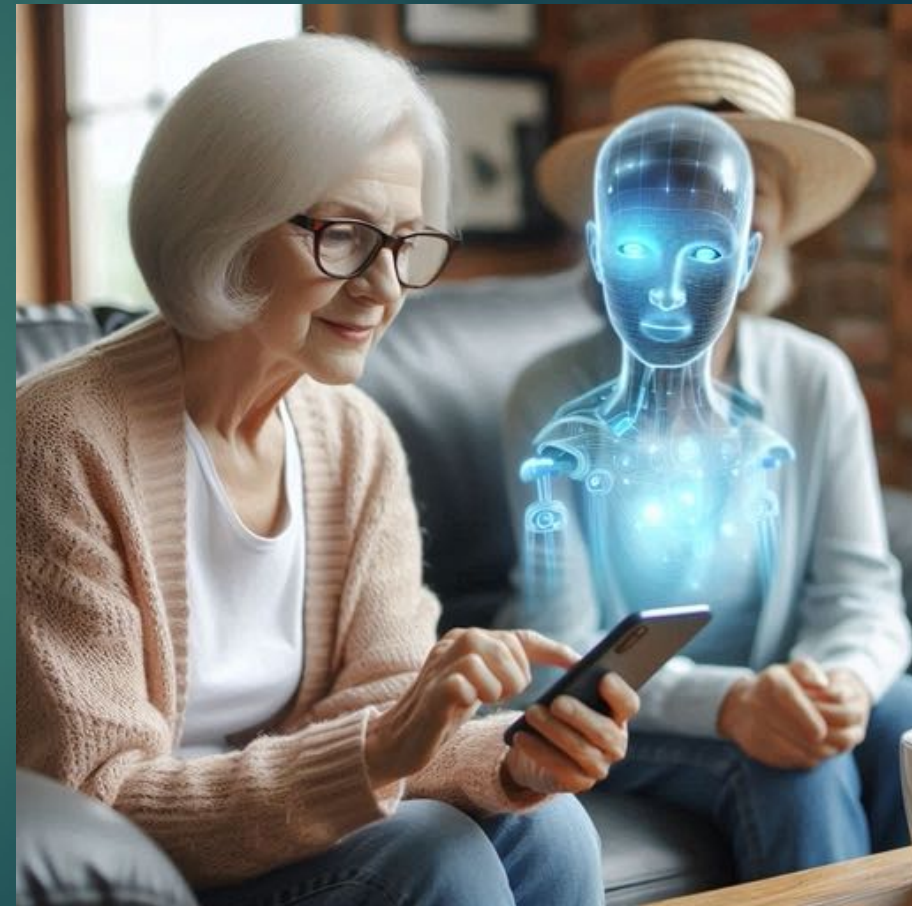
# AI Agents

58

An **AI agent** is a software system or program that uses artificial intelligence to autonomously perform tasks, make decisions, and interact with its environment or users to achieve specific goals—often on behalf of a person or another system

For example, an AI assistant might help you buy a new outfit:

- “AI, I’d like a new outfit for spring”
- AI: *Certainly – here are some ideas*
- “I like the 3<sup>rd</sup> one, but in purple. Please order it”
- AI: *Ordered. Delivery is expected on Tuesday. I will track it for you.*



# If we all had AI Agents...

59

"AI, please book the next committee meeting"

The AI system can then:

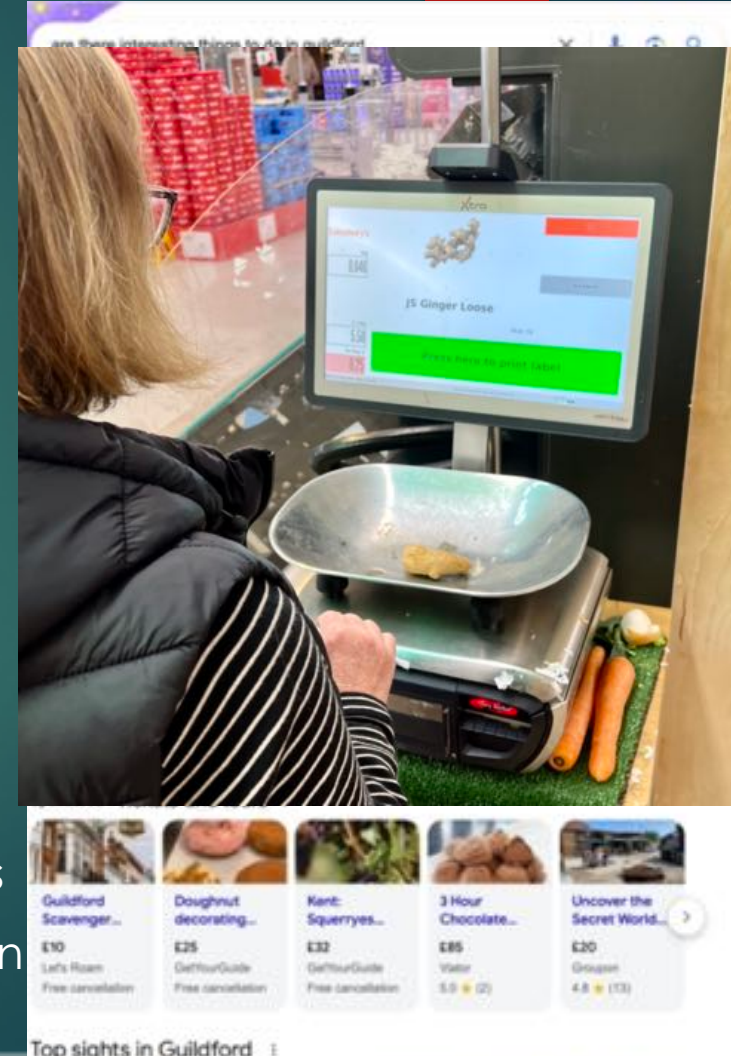
- Talk to all the other committee members' AI Agents
- Find the best slot in the diary
- Book the meeting in all the calendars
- Book the Zoom session
- Draft an agenda
- Check the agenda with the chair
- Send out the agenda and supporting info
- Attend the meeting, and generate minutes
- Circulate minutes



# It's tough to make predictions, especially about the future...

60

- ▶ Generative AI may have plateaued. There will be incremental improvements, but no more giant leaps.
- ▶ Generative AI is not a stepping stone towards Artificial General Intelligence. Other breakthroughs are needed.
- ▶ Search engines (Google, Bing, etc) will adopt AI features and eventually merge
- ▶ Small, on-device models are an area of development, e.g. "Apple Intelligence"
- ▶ The next steps are in *adoption* of the capabilities already identified, particularly in medicine, education, legal, environment, government.
- ▶ Legal battles over copyright will continue to make the news
- ▶ AI Agents (AI systems that can take actions on your behalf in the real world) are the next big thing



# Conclusions and Q&A



# Things to try

62

- ▶ Try [chatgpt.com](https://chatgpt.com) or [perplexity.ai](https://perplexity.ai) for general use
- ▶ Try Bing Image Creator for images
- ▶ Try Claude AI for code generation
- ▶ Try the ChatGPT app for a voice conversation



# Further information

► Search "u3a AI for Everyone"

## Library

### AI for everyone

#### Dates for AI News

AI News Events are 90 min Zoom based updates on what is happening in the world of AI. Any u3a member can attend. [Why should I learn about AI?](#)

- Are you wondering how you might use AI in your u3a. Here are some examples.
- May
  - June
  - June
  - July
  - Sept
  - Octo
  - Octo
  - Nov
  - Dec

[U3a committee succession planning](#)

— [Beginners](#) —

[AI Speakers](#)

[AI and You](#)

### Beginners Section

Farnham u3a course developed by [Alan Freeland](#)

- [AI-Intro 1: Getting Started with AI](#)
- [AI-Intro 1: Getting Started with AI. 4 min summary video](#)
- [AI-Intro 2: Beginners guide to using Generative AI](#)
- [AI-Intro 3: Beginners Guide to using ChatGPT](#)
- [AI-Intro 4: The u3a AI Interest Group and the u3a AI Library](#)
- [AI-Intro 5: AI and Society](#)
- [AI-Intro 6: Exploring AI in your own u3a](#)
- [AI-Intro 7: Running an AI Chatbot Workshop](#)
- [AI-Intro 7: AI Chatbot Workshop Exercises](#)
- [AI-Intro 7: AI Workshop Presentation](#)
- [Video: What can I do with an AI Chatbot?](#)

## Online Learning Events



**Use of Artificial Intelligence in Healthcare**

In the next 10 years, AI will play a key role in numerous areas of healthcare. Join us to explore the implications of this technology.

Tuesday 17 July

**Free - online via Zoom**



**Artificial Intelligence**

Join us to explore the implications of this technology.

Friday 20 July

**Free - online via Zoom**



**THE WHOLE WORLD IS DEVELOPING AMAZING AI**

**Artificial Intelligence News: July**

**While America Celebrates, the World Innovates with AI**

America is leading the way with Generative AI — the technology that powers AI chatbots. But that doesn't mean the rest of the world isn't also doing remarkable things with AI.

Friday 4 July at 10am

**Free - online via Zoom**



# Questions?