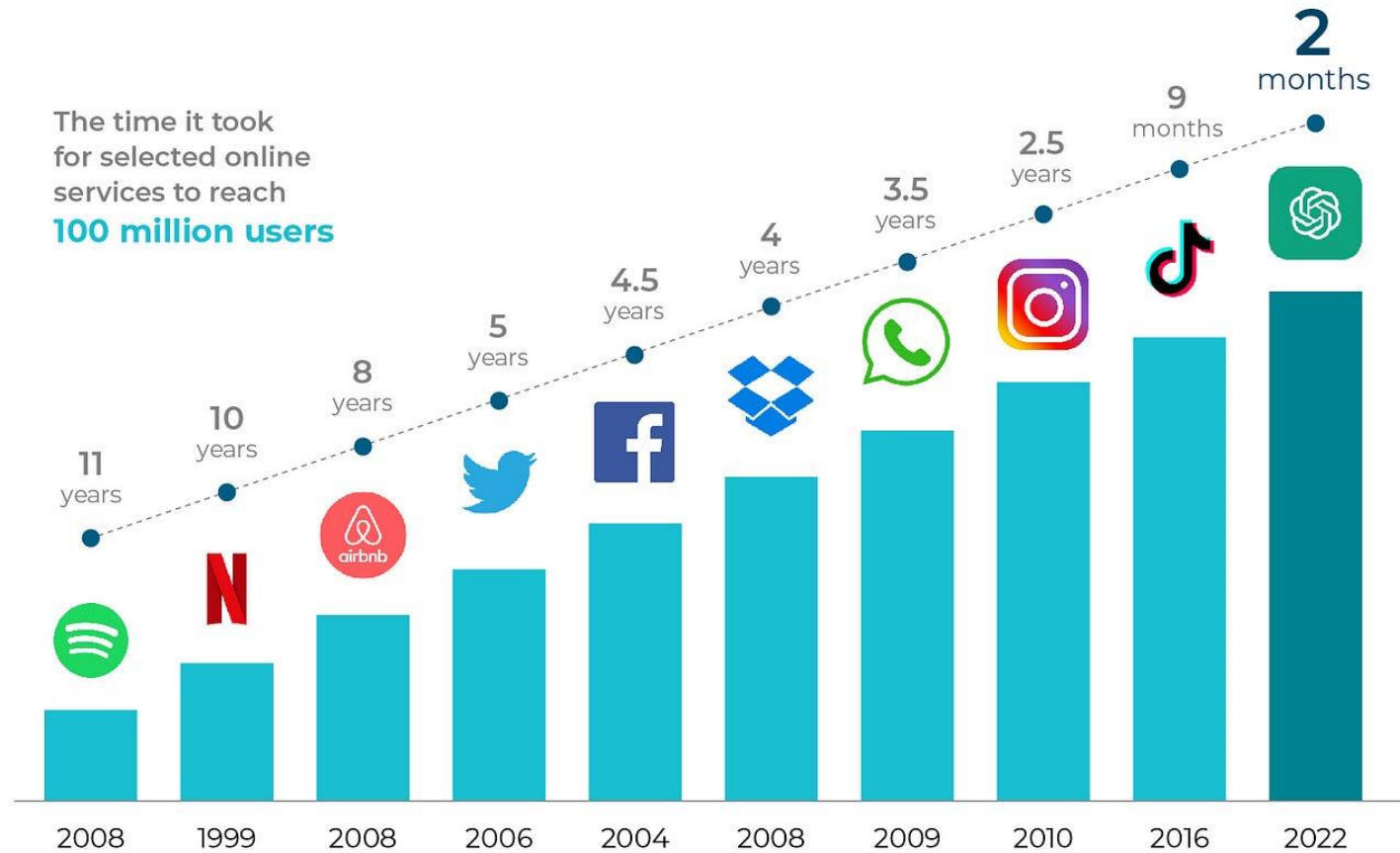


## Chat-GPT sprints to 100 million users

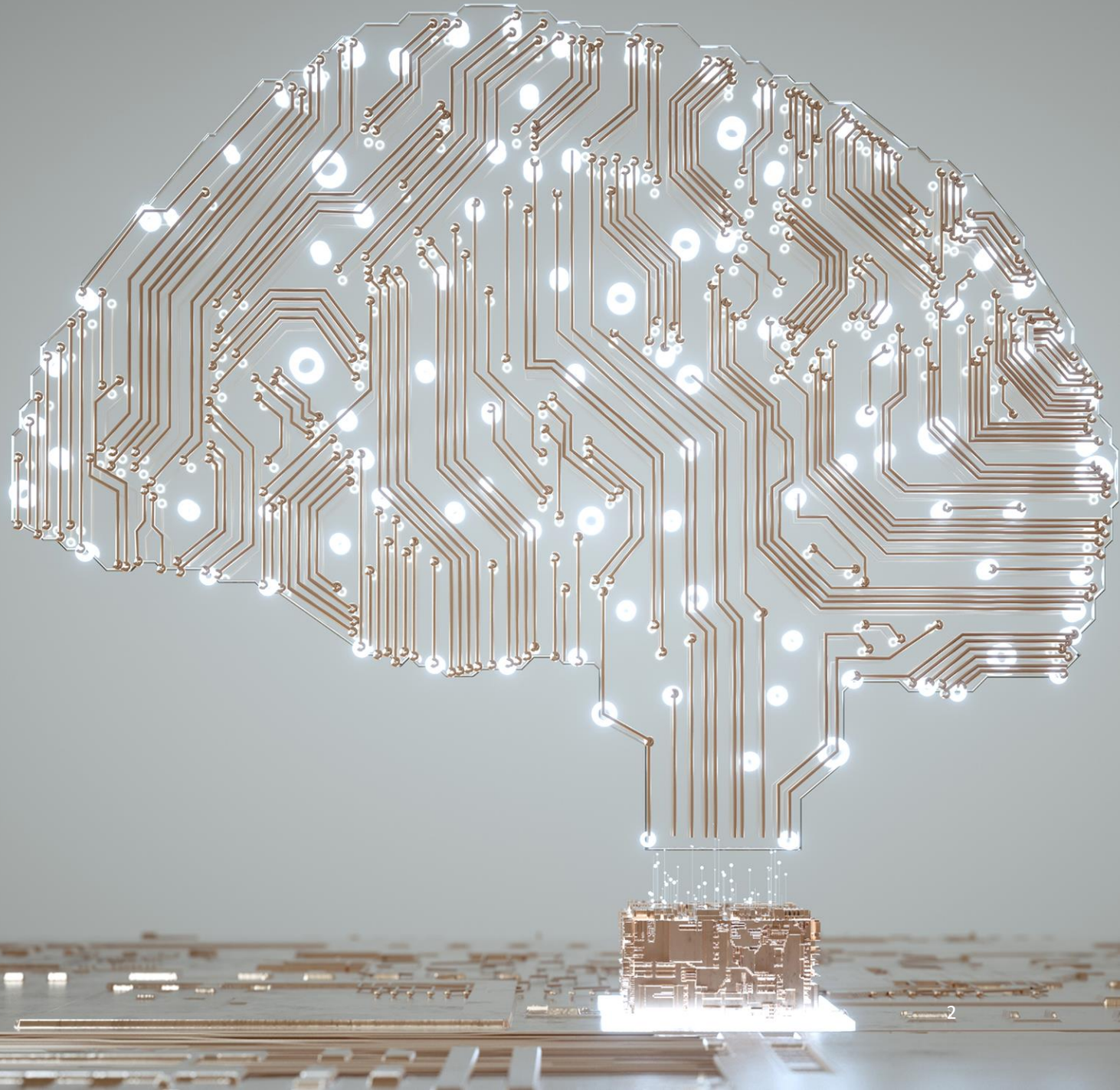
The time it took  
for selected online  
services to reach  
**100 million users**



Source: World of Statistics

# EMBRACING AI : TRANSFORMING PERSONAL AND PROFESSIONAL LIVES

- Joy Singhal



# WHAT IS AI?





IT'S NOT MAGIC!

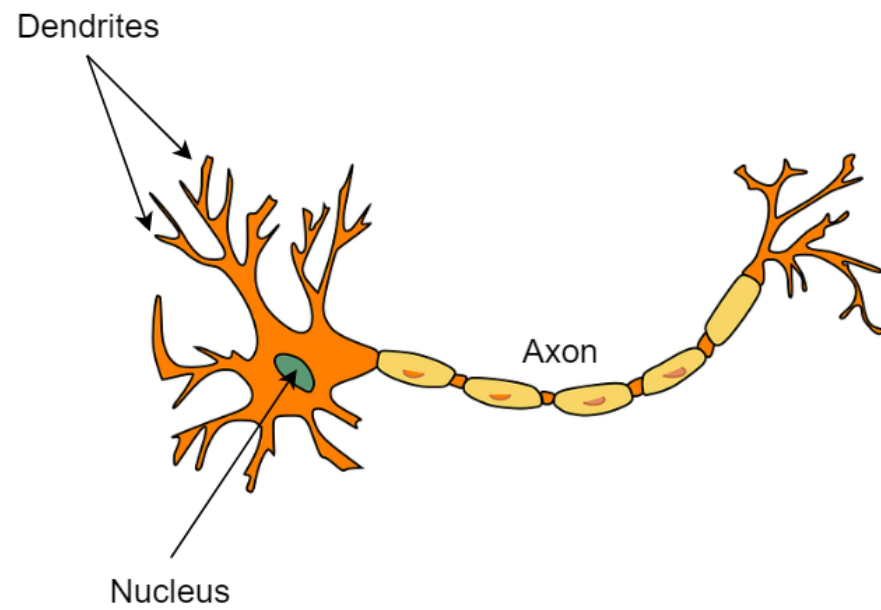


Image (at left) by [Clker-Free-Vector-Images](#) from [Pixabay](#) and image (at right) by author, made with draw.io

# Deep Neural Network

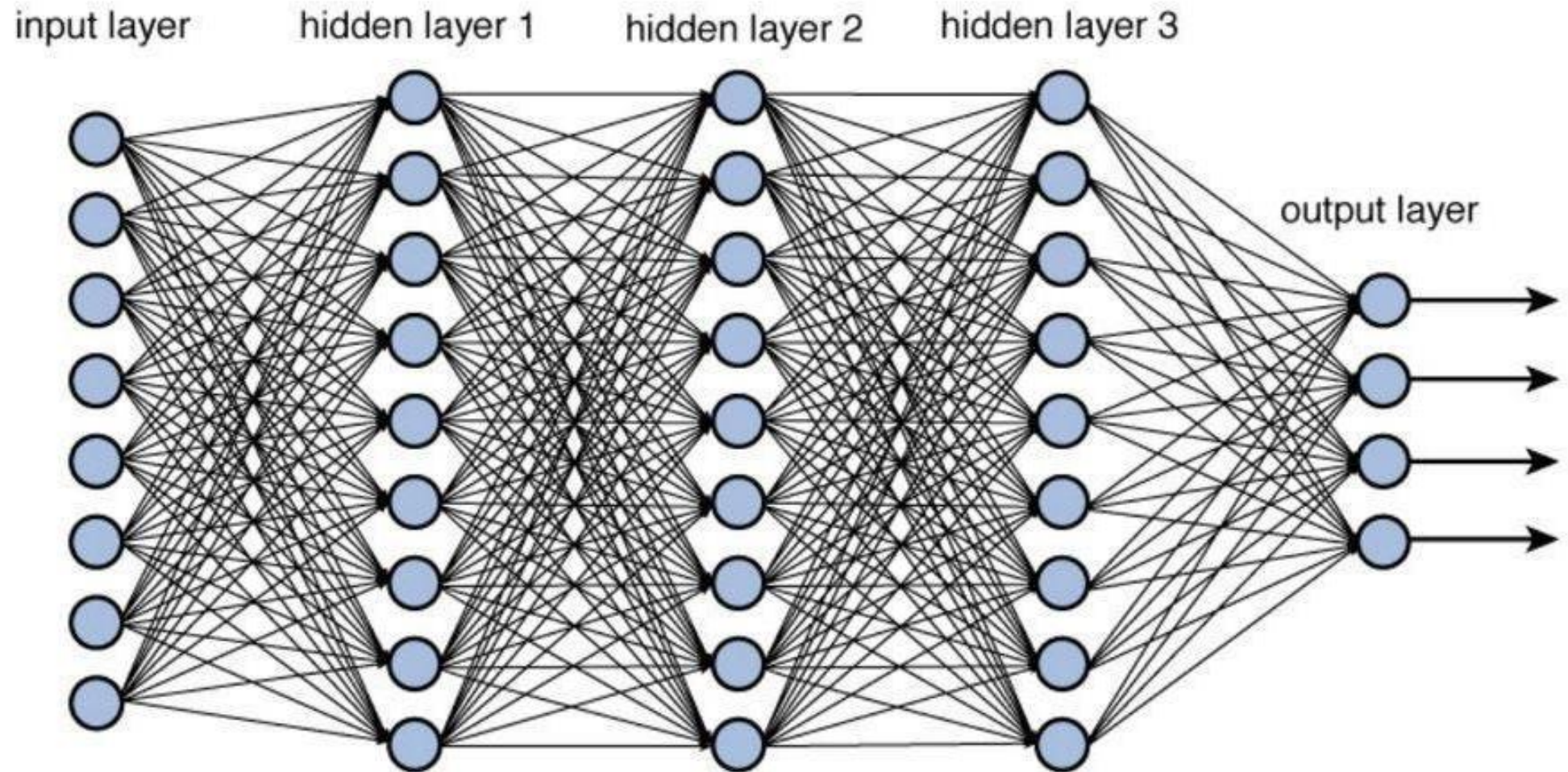
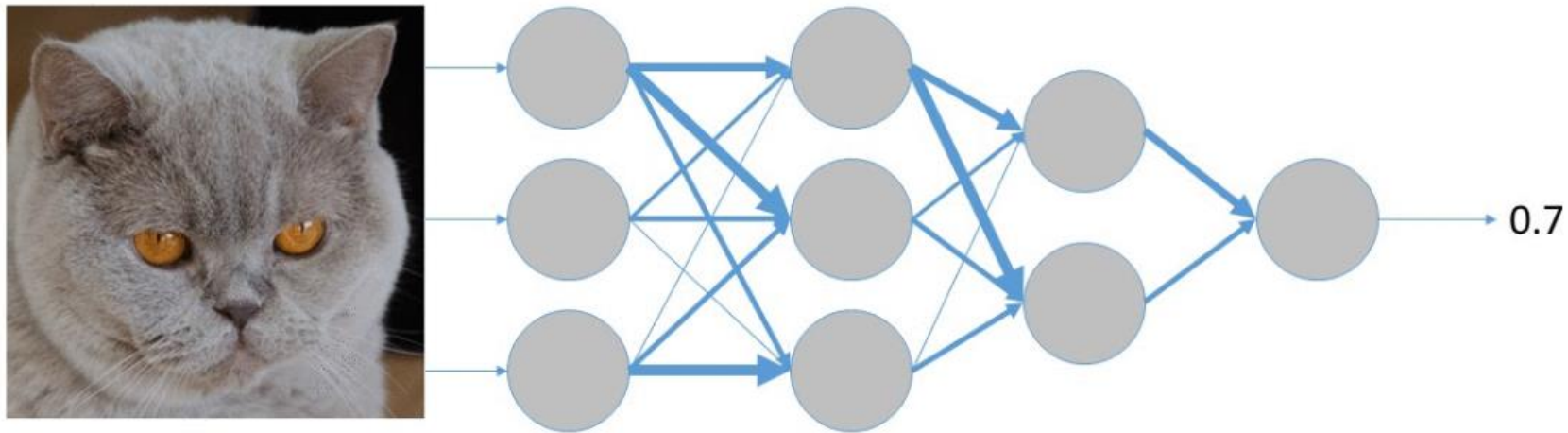


Figure 12.2 Deep network architecture with multiple layers.



Is it a cat?

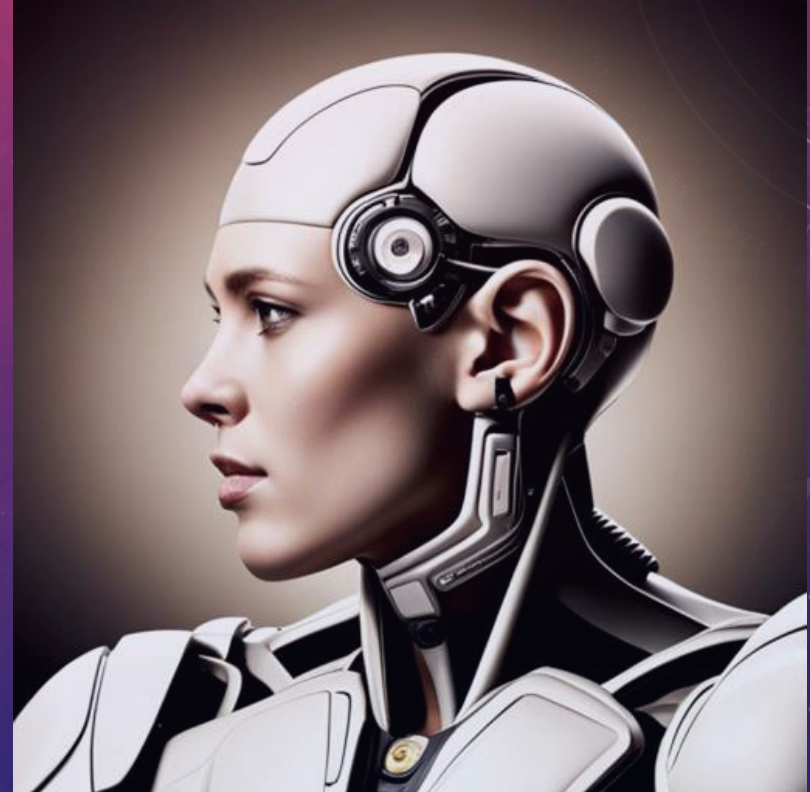


# Closing Gap

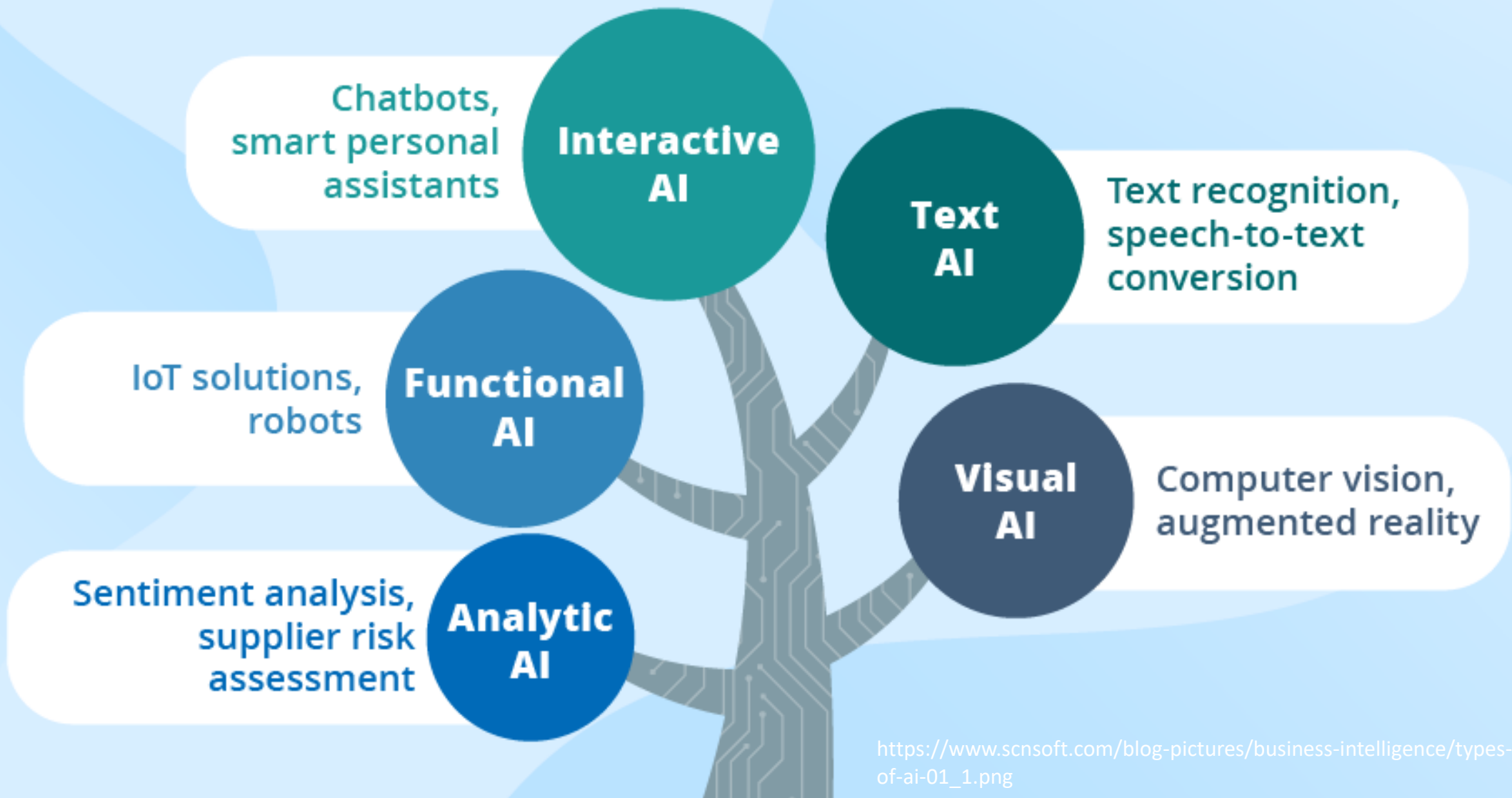
100 Trillion Synapses



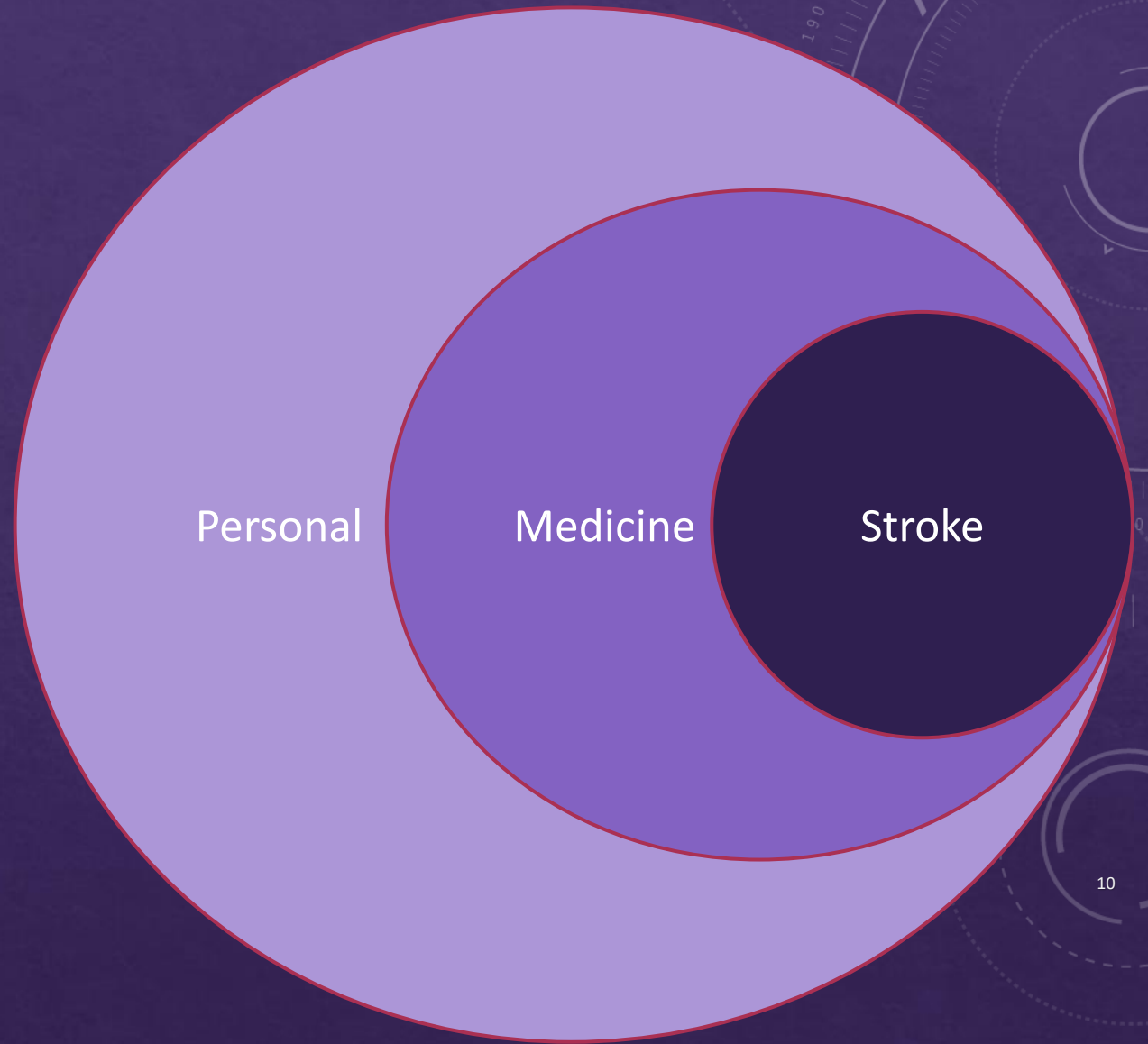
1 Trillion Parameters







# EFFECTS OF AI



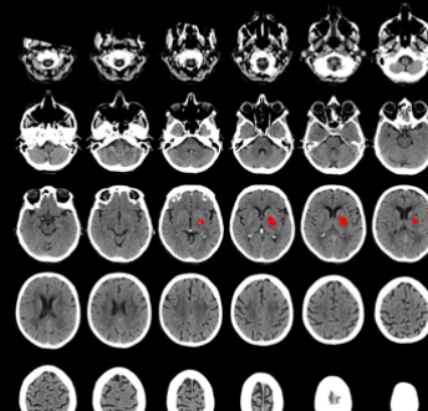
[Rapid NCCT](#)[Rapid ICH](#)[Rapid Hyperdensity](#)[Rapid ASPECTS](#)[Rapid CTA](#)[Rapid LVO](#)[Rapid CTP](#)[Rapid MRI](#)[RapidAI Insights](#)[Rapid Workflow for Stroke: Web](#)[Rapid Workflow for Stroke: Mobile](#)

## Rapid Hyperdensity

Rapid ICH and Rapid Hyperdensity use the latest in artificial intelligence technology to quickly triage non-contrast CT (NCCT) cases by immediately notifying clinicians of possible intracranial hemorrhage (ICH) and then providing identified hyperdense regions of the brain.

[Learn More](#)

Hyperdensity





A background image showing medical professionals in a clinical setting, with one person wearing a surgical mask and cap. The image is overlaid with a dark gradient.

# THE NEXT EVOLUTION IN CLINICAL DECISION MAKING AND PATIENT WORKFLOW

RapidAI enables neurovascular and vascular clinical teams to push the boundaries of care, reducing time to treatment and improving patient outcomes. We empower physicians to make faster more accurate diagnostic, treatment and transfer decisions. We connect care teams for more streamlined and improved communication and coordination of the patient journey. We enable coordinators and administrators to optimize protocols and reduce costs.

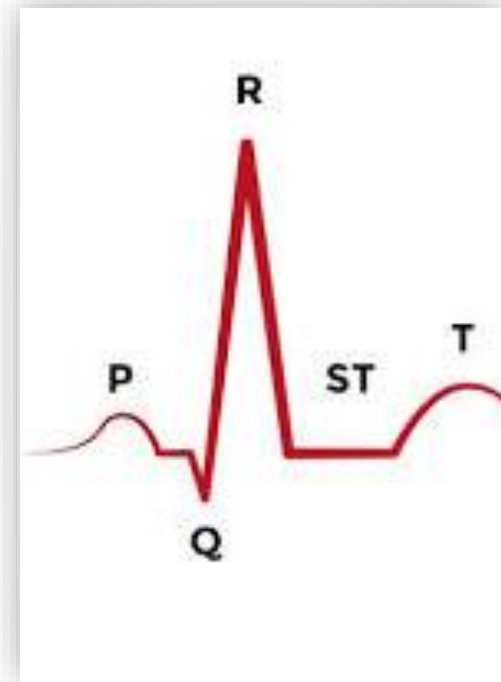
---

**FAST. ACCURATE. PROVEN.**

STROKE → ANEURYSM → PULMONARY EMBOLISM →

# AI IN MEDICINE

IT HAS BEEN THERE LONGER THAN WE KNOW



# AI IN MEDICINE

Interpretation of  
medical images.

Outbreak  
detection.

Diagnosis of rare  
and common  
conditions.

Hospital  
business  
operations.

Clinical decision  
support.

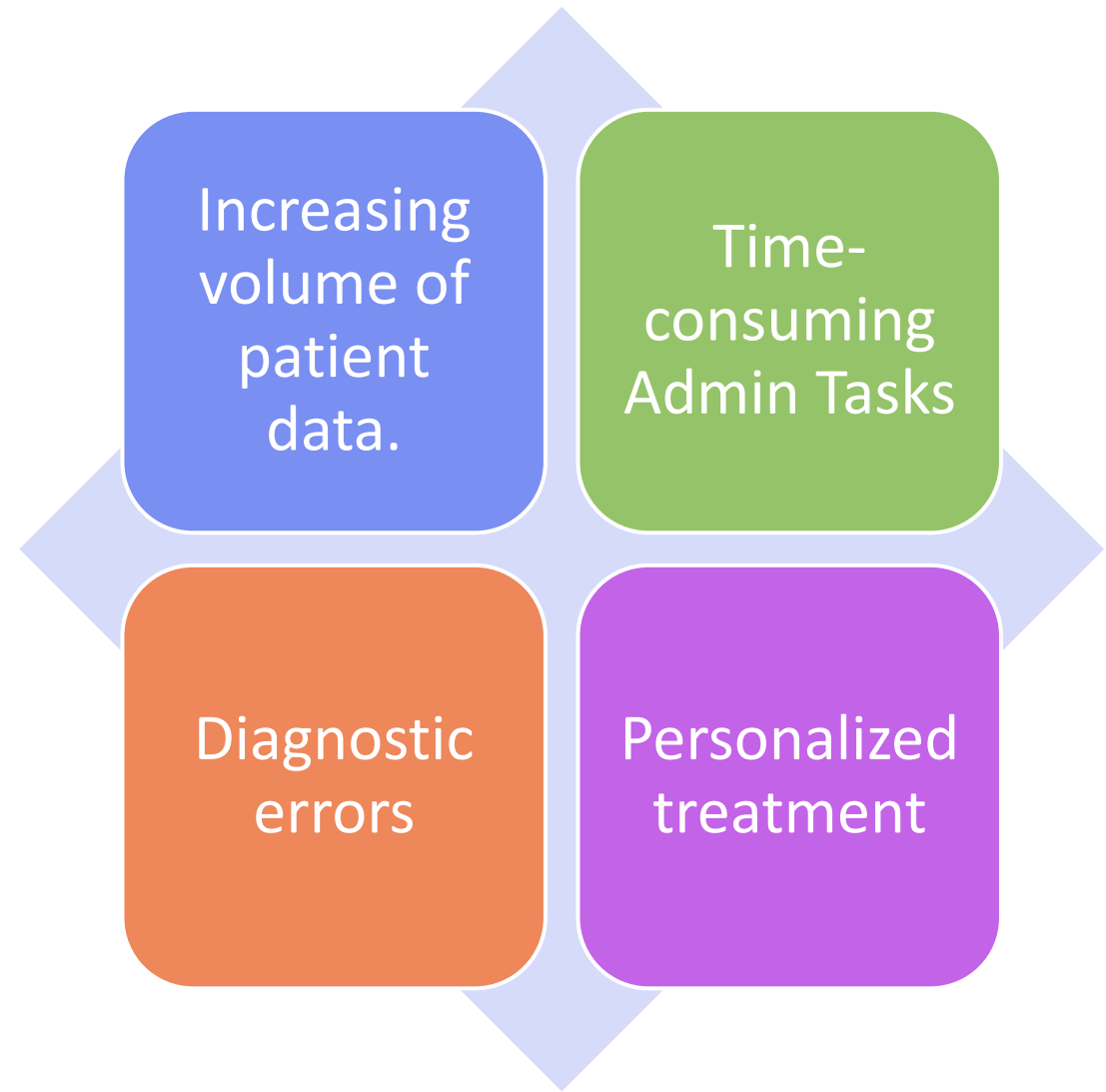
Personalized  
medicine.

Chatbots and  
virtual  
assistants.

Clinical trial  
optimization.



# PROBLEMS IN HEALTHCARE



# MAKING LIFE EASY



WRITING EMAILS



SUMMARISING TEXT



INTERACTIVELY  
LEARNING NEW THINGS

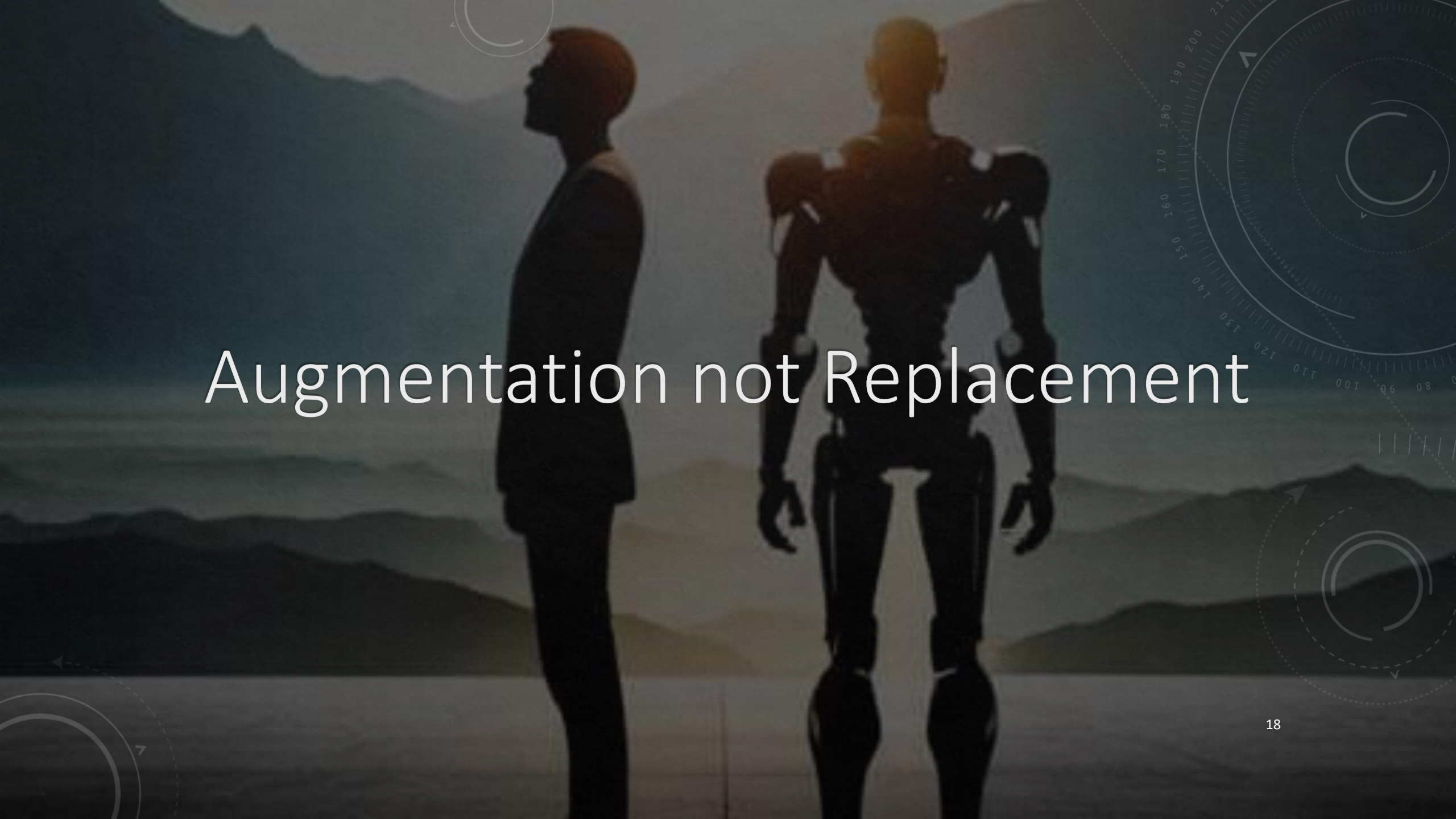


A word cloud of various job titles. The words are arranged in a roughly circular shape, with 'telemedicine' and 'physician' being the largest. Other prominent words include 'data scientist', 'prompt engineer', 'cloud architect', and 'ai engineer'. Smaller words include 'seo analyst', 'mobile app developer', 'ai project manager', 'podcast producer', and 'uber driver'.

prompt engineer  
data scientist  
seo analyst  
telemedicine physician  
ai engineer  
cloud architect  
mobile app developer  
ai project manager  
podcast producer  
uber driver

Jobs that  
didn't exist 15  
years ago



The background of the slide features a silhouette of a human figure on the left and a more complex, mechanical-looking silhouette on the right, both standing against a hazy, mountainous landscape at sunset or sunrise. Overlaid on the image are several futuristic, semi-transparent UI elements: a large circular gauge with numerical markings (100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210) and arrows in the upper right; a smaller circular gauge with concentric circles and arrows in the lower right; and a partial circular gauge in the lower left. The text "Augmentation not Replacement" is centered in a white, sans-serif font.

# Augmentation not Replacement

Generate

Edit

Enhance

Prompt

Robot and human standing side by side looking into the distance towards mountains with light shining

Negative prompt

Upload image

Settings

1:1

Image count





4


Advanced

Dream

3.33

Robot and human standing side by side looking into the distance towards mountains with ...





# Software used to make these slides

- ◆ ChatGPT
- ◆ Microsoft Designer
- ◆ Stable diffusion model
- ◆ Microsoft Copilot



9

## Designer

Software used to make these slides

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- ◆ Stable diffusion model
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I am a doctor who will be presenting on the topic of AI and its use in medicine to an audience of doctors. 

I want the presentation to start off with a good attention grabber so that people are interested in it.

Tell me a good title for the presentation and give the agenda for the presentation.

After that, I would like you to outline what is in it for the audience.

After this you tell about the whole presentation and the different topics within it. The topic I would like you to cover are -

1. What AI is? How it works?
2. Taking out the aura around the AI
3. How AI can help doctors in their daily work? Decreasing the monotonous work, increasing efficiency.
4. How different AI can help doctors in the job? Easy documentation, quick summarization.
5. What is the future of AI in life and medicine? Touch on replacement of jobs

These are just a few topics. Add all the other relevant topics and make a thorough presentation. End with a good summary and take away points.




Title: **"AI in Medicine: Harnessing the Future, Enhancing the Present"**



Agenda:

1. Understanding Artificial Intelligence (AI) and its Mechanisms
2. Demystifying AI: Removing the Aura
3. AI in Action: Revolutionizing Everyday Medical Practice
4. The AI Advantage: Enhancing Clinical Decision Making and Data Management

 Regenerate response

Send a message.



MY EFFORT WAS  
SPENT IN  
MATERIALIZING  
MY IDEAS

NOT IN  
PUTTING IT  
TEXT INTO  
SLIDES



Q&AS



# FEEDBACK

SCAN THE QR CODE TO  
PROVIDE FEEDBACK