

UNDERSTANDING AI | WEBINAR SERIES

WEBINAR 1

# AI IN HEALTHCARE: From Science Fiction to Reality

8 July 2021



# Overview

## WHAT'S IN THIS WEBINAR

Introduction to AI

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Benefits of AI for Patients

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Pros & Cons

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Implications of AI in Healthcare

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Overview of the NEF AI Fund

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# Our Speakers



**Frederike Kaltheuner**

European Artificial  
Intelligence Fund



**Anca Petre**

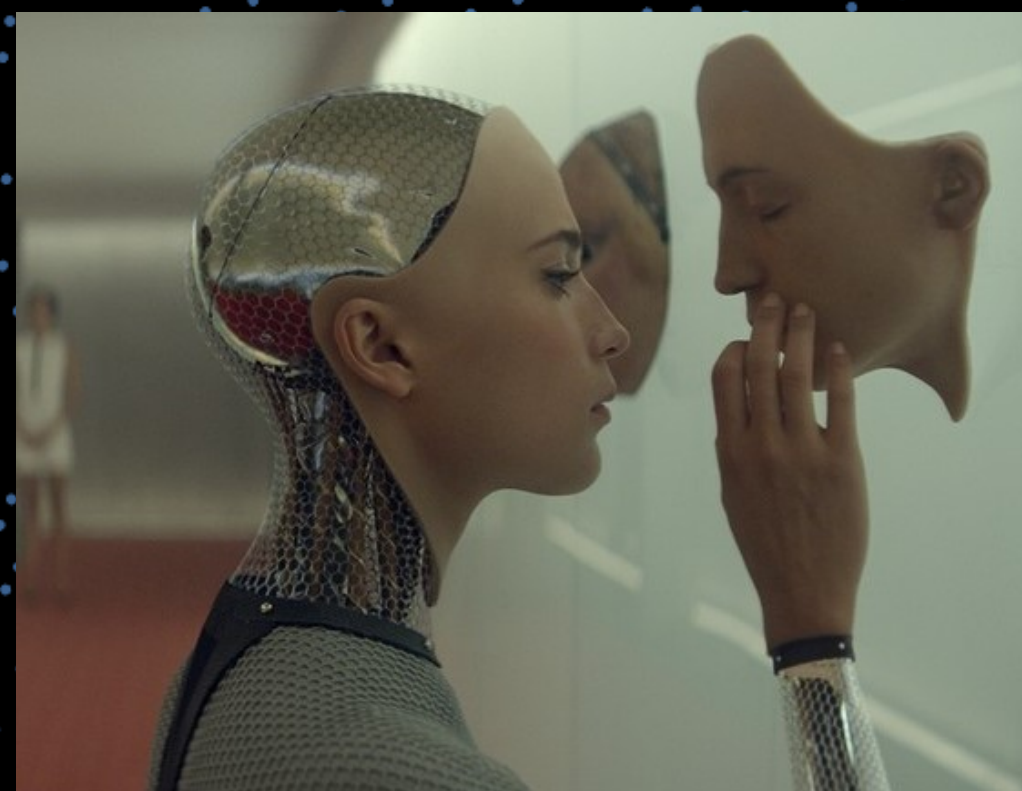
23 Consulting

AI in Healthcare: From Science Fiction to Reality



What do we mean with  
Artificial Intelligence?

# AI in Healthcare: From Science Fiction to Reality



# AI in Healthcare: From Science Fiction to Reality



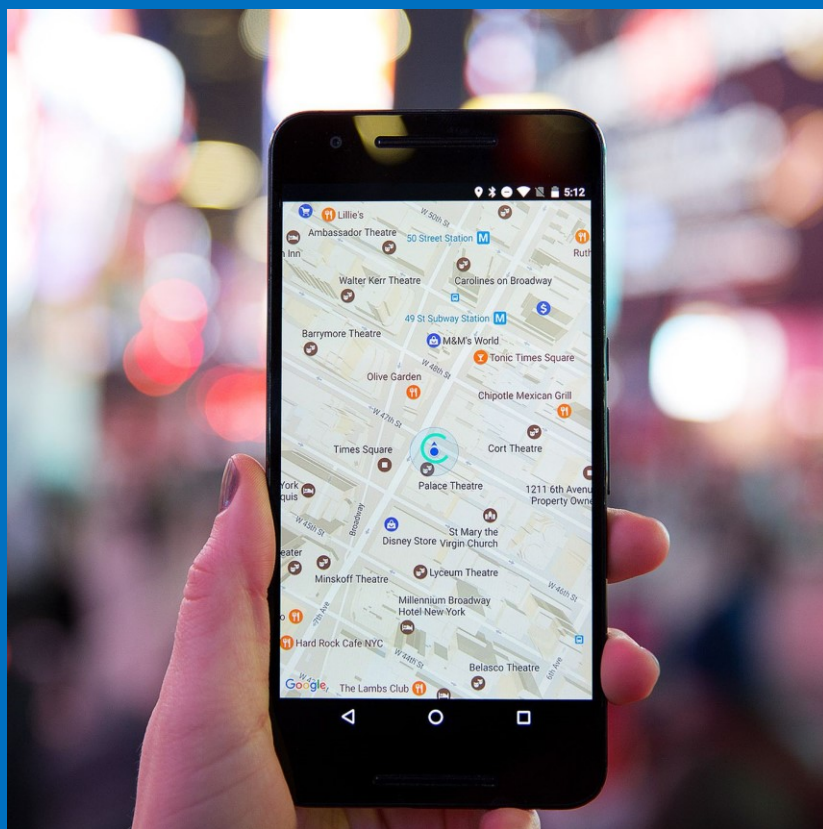
## Artificial intelligence

= any technique that enables machines to mimic human behavior

# AI in Healthcare: From Science Fiction to Reality

## Artificial intelligence

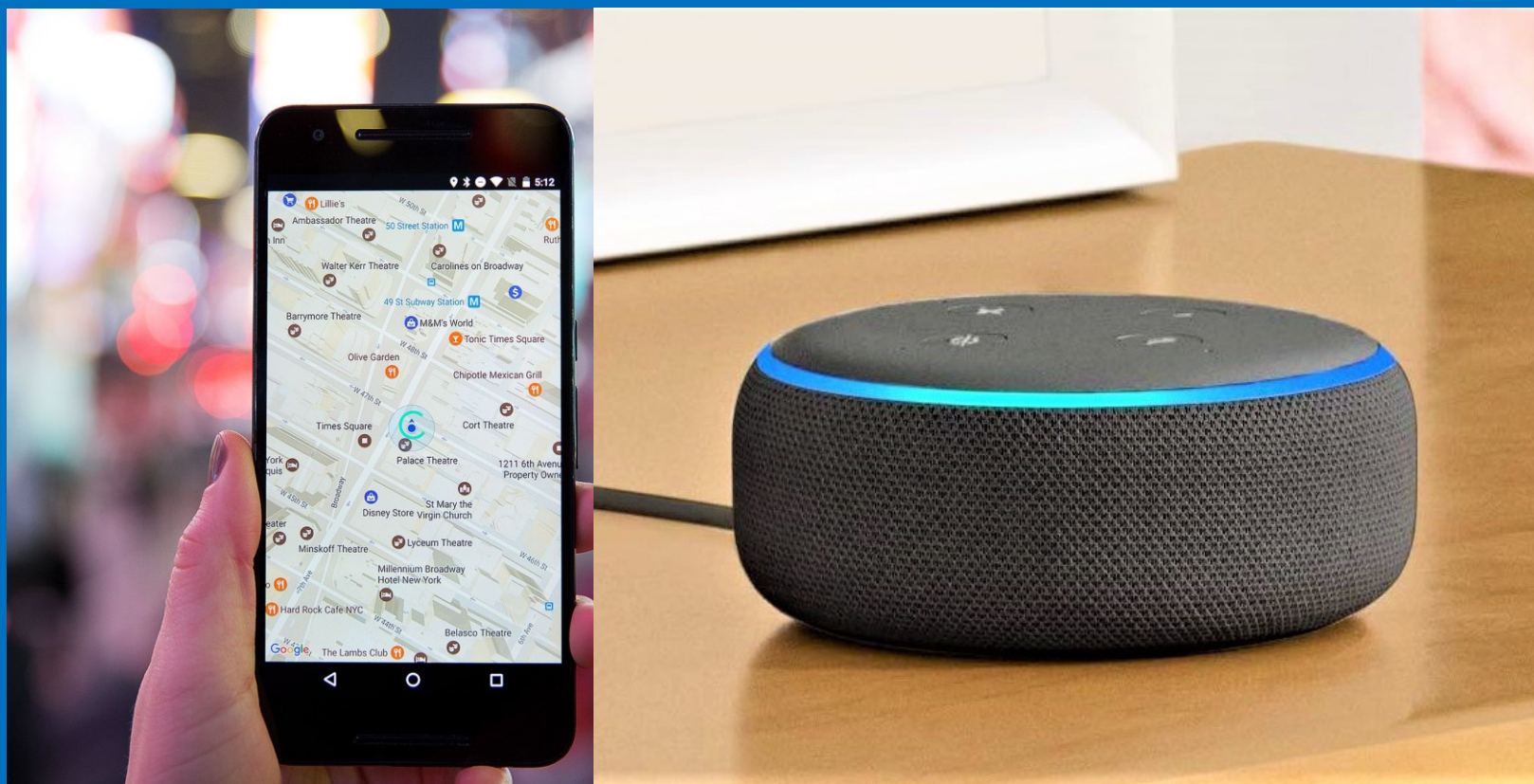
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## Artificial intelligence

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## Artificial intelligence

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AI in Healthcare: From Science Fiction to Reality



What created the  
intelligence of  
Artificial Intelligence?

# AI in Healthcare: From Science Fiction to Reality



## Artificial intelligence

= any technique that enables machines to mimic human behavior

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## Artificial intelligence

= any technique that enables machines to mimic human behavior

## Machine Learning

# AI in Healthcare: From Science Fiction to Reality



## Artificial intelligence

= any technique that enables machines to mimic human behavior

## Machine Learning

## Deep Learning

# AI in Healthcare: From Science Fiction to Reality



When was the first  
usage of AI in  
healthcare?

What are the most  
common examples of AI  
that have a direct impact on  
patients' lives?

## AI in Healthcare: From Science Fiction to Reality



Which areas of healthcare  
will AI develop into within  
the near future?



What are the biggest challenges linked to the deployment of AI technology?

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What are the challenges  
linked to society?

What are the top two  
misconceptions  
concerning AI?

Why and how should  
patients be involved in  
the discussion on AI?

AI in Healthcare: From Science Fiction to Reality



What is the AI Fund?

# AI in Healthcare: From Science Fiction to Reality



Why a fund on AI for the  
civil society?

What are the biggest breakthroughs in AI in the coming years and how the fund can help CS to engage with AI?

Do you have  
**any questions?**



Join us for our  
next webinar!

## EU LEGISLATION ON AI

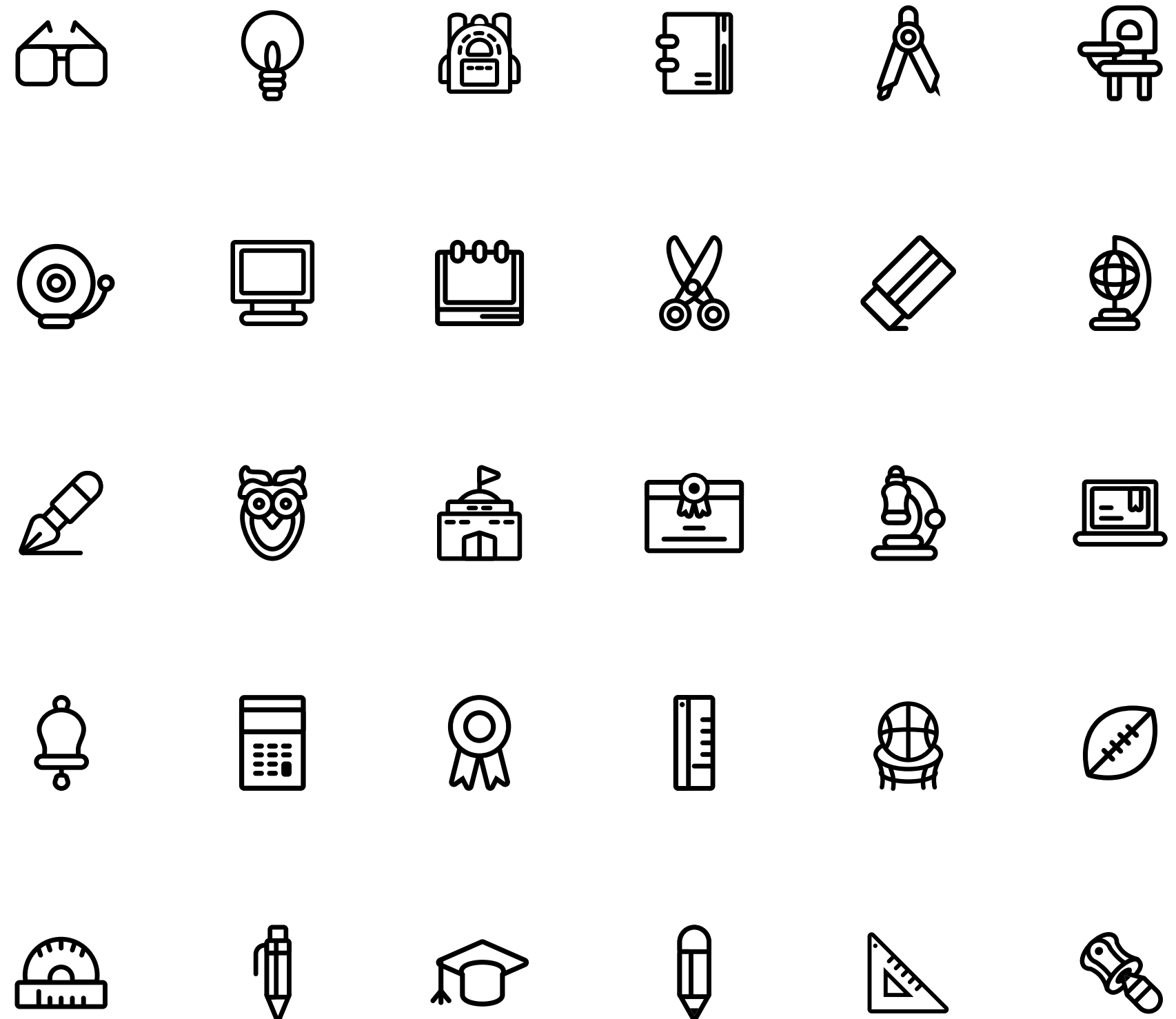
The combination of the first-ever legal framework on AI and a new Coordinated Plan with Member States will guarantee the safety and fundamental rights of people and businesses, while strengthening AI uptake, investment and innovation across the EU. But what does this mean for healthcare and patients?

DATE TBD

# AI Knowledge Hub

Visit our website for relevant policy and capacity building resources related to Artificial Intelligence.

[eu-patient.eu/ai-knowledgehub/](https://eu-patient.eu/ai-knowledgehub/)



Thanks for joining!  
We'll see you next time!