

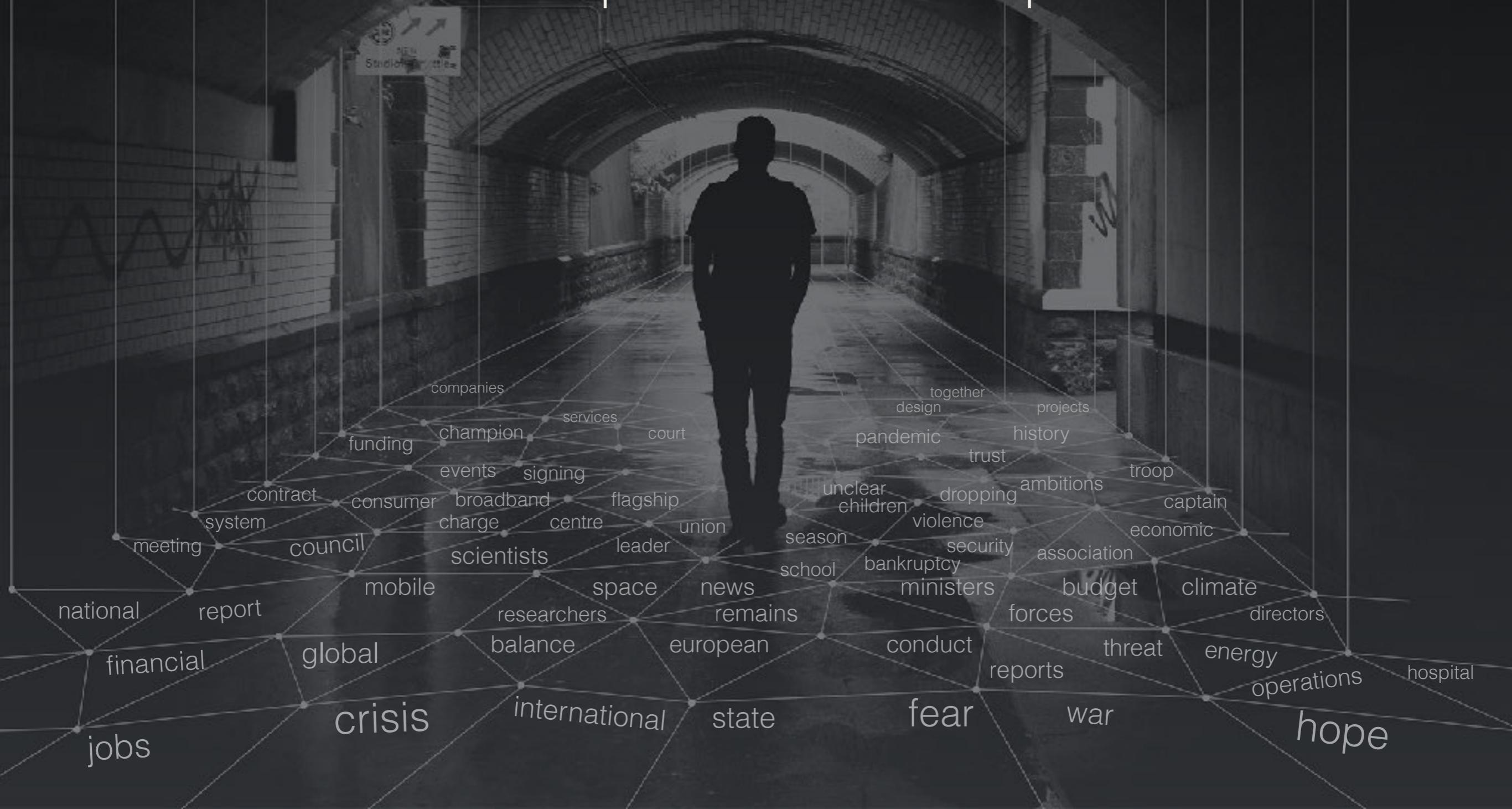


# Create Artificial Labor

Headai

# Cognitive AI

for continuous professional development



# Global need for re-skilling

A grayscale world map serves as the background for the text. Overlaid on the map is the word "FIVE" in large, bold, red capital letters, positioned above the word "BILLION" in a slightly smaller, bold, red capital letters.

FIVE  
BILLION

because AI will affect everyone

# Basic unit: one micro skill



Addition



Search for Jobs

Utah county, UT

Search



Employers  
Post Jobs & Find Talent

Find Jobs ▾

Career Resources ▾

Post a Resume

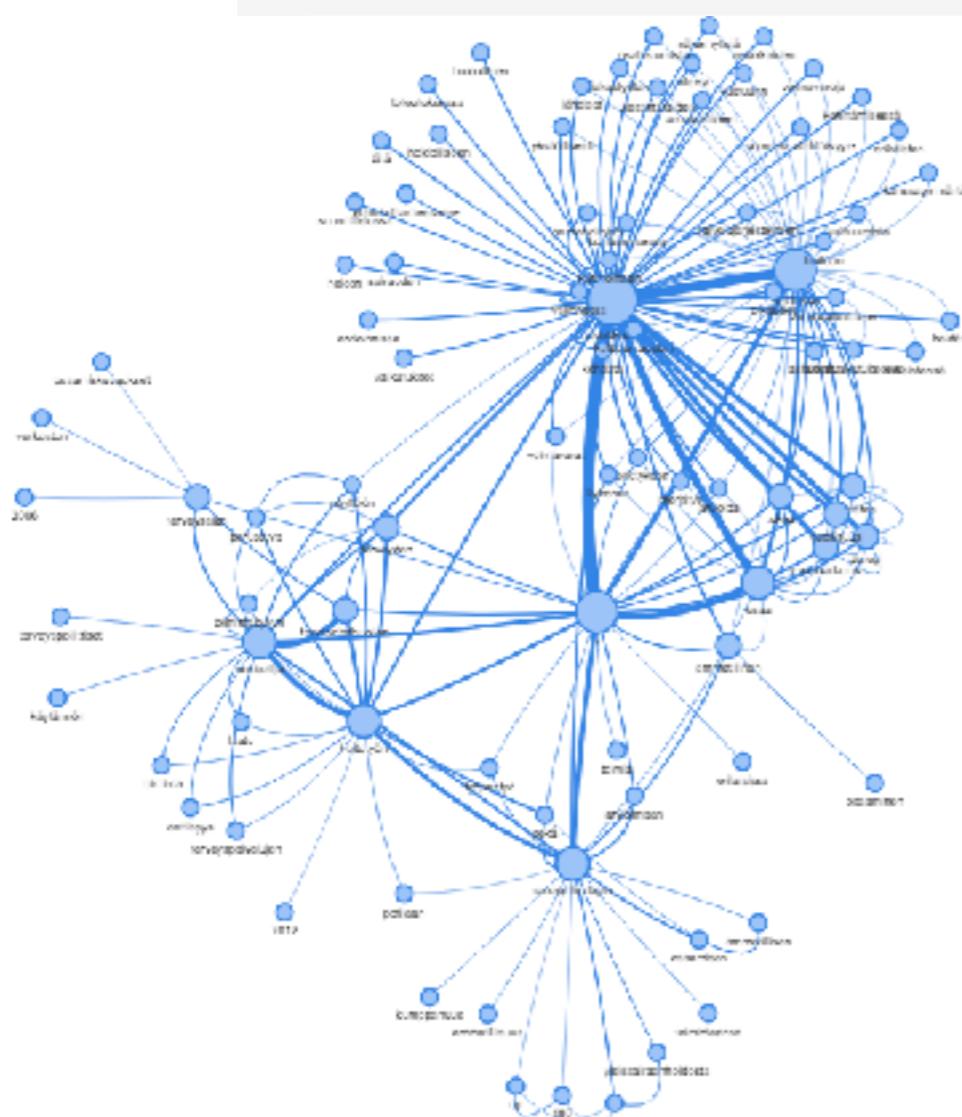
Company Profiles

Filter ▾

Recent searches ▾

Jobs In Utah county, UT (1000+ Jobs Found)

Create job alert



## Local CDL-A Truck Driver in Salt Lake City, UT at Saia Lehi, UT 84043

Apply

Save Email

Details Highlights

### TAKE A TURN FOR THE BEST

Local City Drivers can get started at a top rate of \$24.39/hr. with 2 years of experience

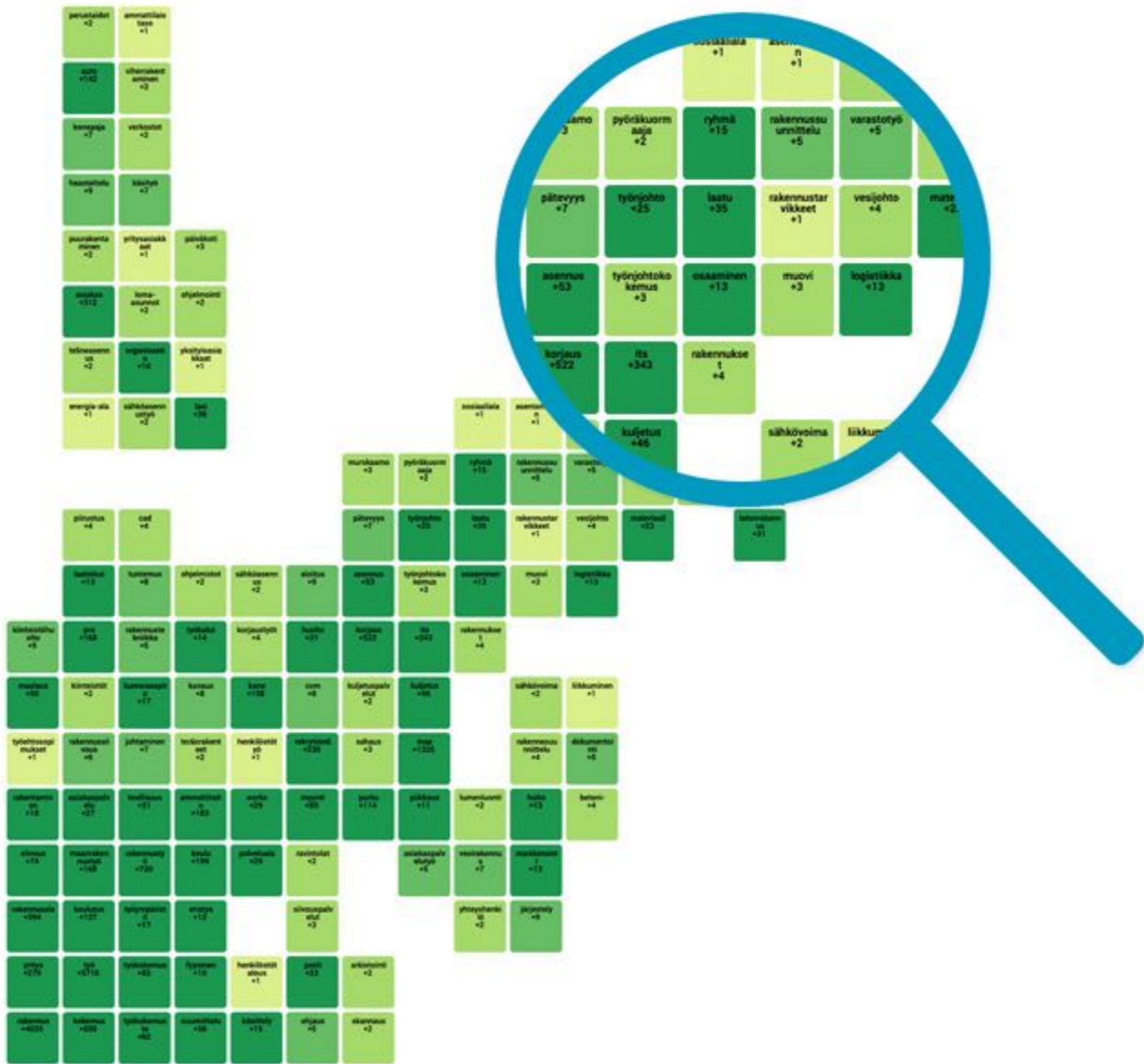
Ready to get started Just fill out this short form application. Once you complete it, a recruiter will call and we'll take care of all the rest.

### Experience You Can Count On

Family-owned founded in 1924, Saia has a long history of success. Our experience is what drives our leadership in providing complete transportation and logistics solutions. With the help of our service partners, our reach extends throughout the U.S. to Canada, Puerto Rico, and Mexico. That translates into numerous rewarding career opportunities for drivers seeking the thrill of a challenge with the stability of a leader. And with best-in-class benefits, top-industry pay, and regular home time, it's no wonder our team of over 9,000 employees choose a career with us. Discover your own path with Saia today.

### Why Saia?

WE GO BEYOND SAYING WE CARE TO SHOWING YOU HOW MUCH.



# Construction industry





# Curriculum vs. Industry



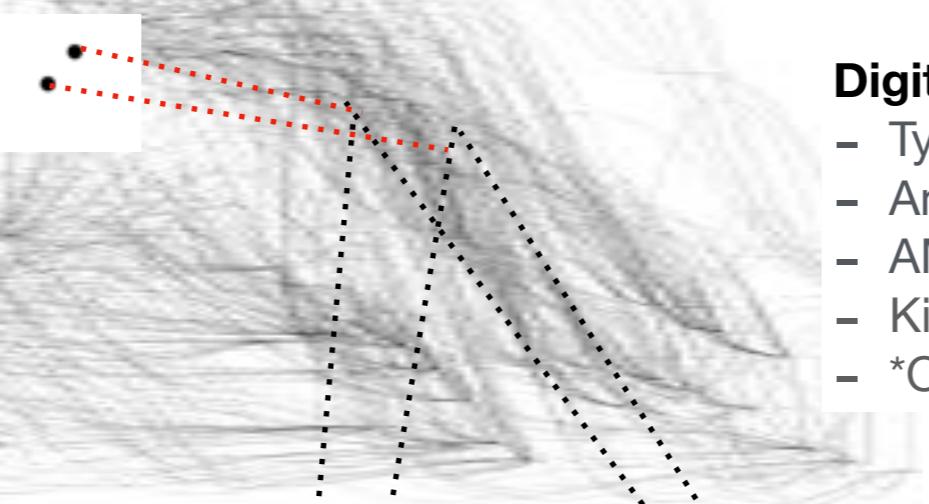


# Fit to industry

# Headai Digital\_Self / Digital\_Twin Ecosystem

Yksittäinen koulutus (public data)  
- Koulutettava osaaminen / OPS

- piste kartalla = osaaminen
- ..... yksittäinen simulaation säie
- ..... Yksittäisen datan osan sidos digital\_twin -malliin



**Digital\_Twin** koulutus (public data)  
- Työvoimakoulutus  
- Ammatillinen koulutus  
- AMK  
- Kirjastot  
- \*OOC (\* massive ... small)

Osaamiskokonaisuuden tuonti  
- UNESCO  
- Ammatillinen & AMK  
- Headai assessment AI  
- LinkedIn  
- (Koski rajoitetusti)  
- Osaamisbotti

Puuttuva osaaminen  
johon koulutus

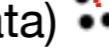
Tunnistettu  
osaamisvaje

Suoraan töihin  
nykyosaamisella

**Digital\_Self** (myData)  
Kokoelma yksilön kaikesta osaamisesta

Yksittäinen työpaikka (public data)  
- Vaadittavat osaamiset työmarkkinassa

**Digital\_Twin** työmarkkina (public data)  
- YTJ (Suomi)  
- TE toimistot  
- EURES  
- yksityinen työvoimavälitys  
- innovaatorahoitus  
- yritysrahoitus



# skills assessment



Starting  
from  
a skill  
or set of  
skills



AI builds  
a mind map  
about  
the topic



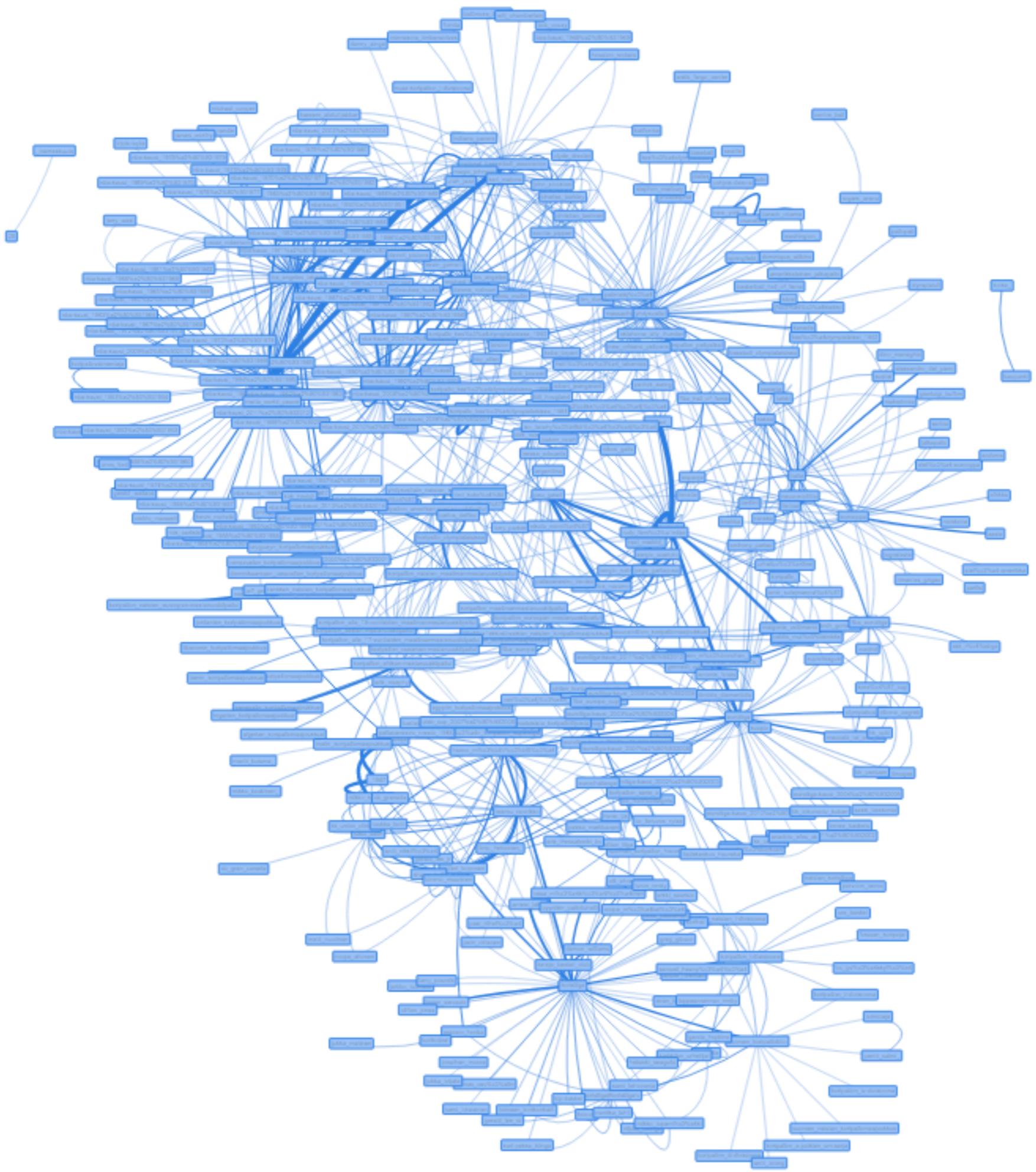
WIKIPEDIA  
The Free Encyclopedia



B B C

AI powered  
Assessment  
via API





Q artificial intelligence data cloud c... ×



## 'World's worst drawer' stumps Google AutoDraw

BBC 2017-04-12 20:37:02.0  
263195/265421



## AI wins \$290,000 in Chinese poker tournament

BBC 2017-04-11 18:31:49.0  
260893/265421



## Artificial intelligence and drones 'future of policing'

BBC 2017-04-08 09:04:40.0  
255134/265421



## House intelligence panel tries to get Russia investigation back on track

CNN 2017-04-03 23:08:33.0  
245530/265421



## Elon Musk's next move: Merging brains and computers?

CNN 2017-03-28 17:30:47.0  
234242/265421



## Mnuchin: 'Not at all' worried about AI taking jobs

CNN 2017-03-25 02:02:02.0  
220641/265421



## Facebook artificial intelligence spots suicidal users

BBC 2017-03-01 15:17:36.0  
192920/265421



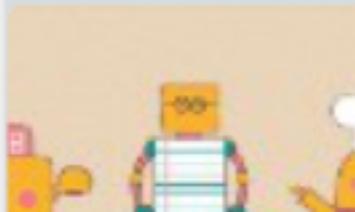
## Facebook algorithms 'will identify terrorists'

BBC 2017-02-17 08:15:26.0  
179126/265421



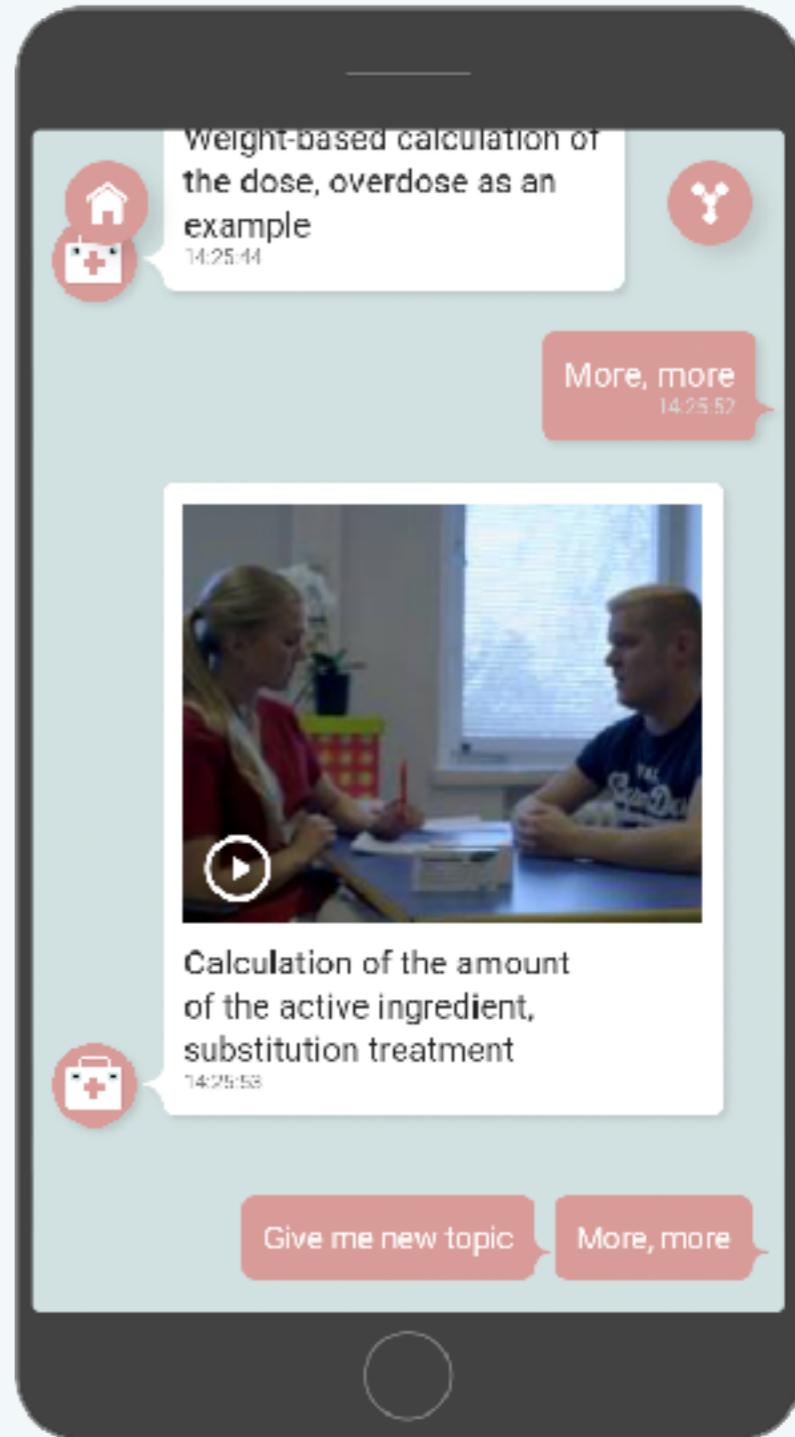
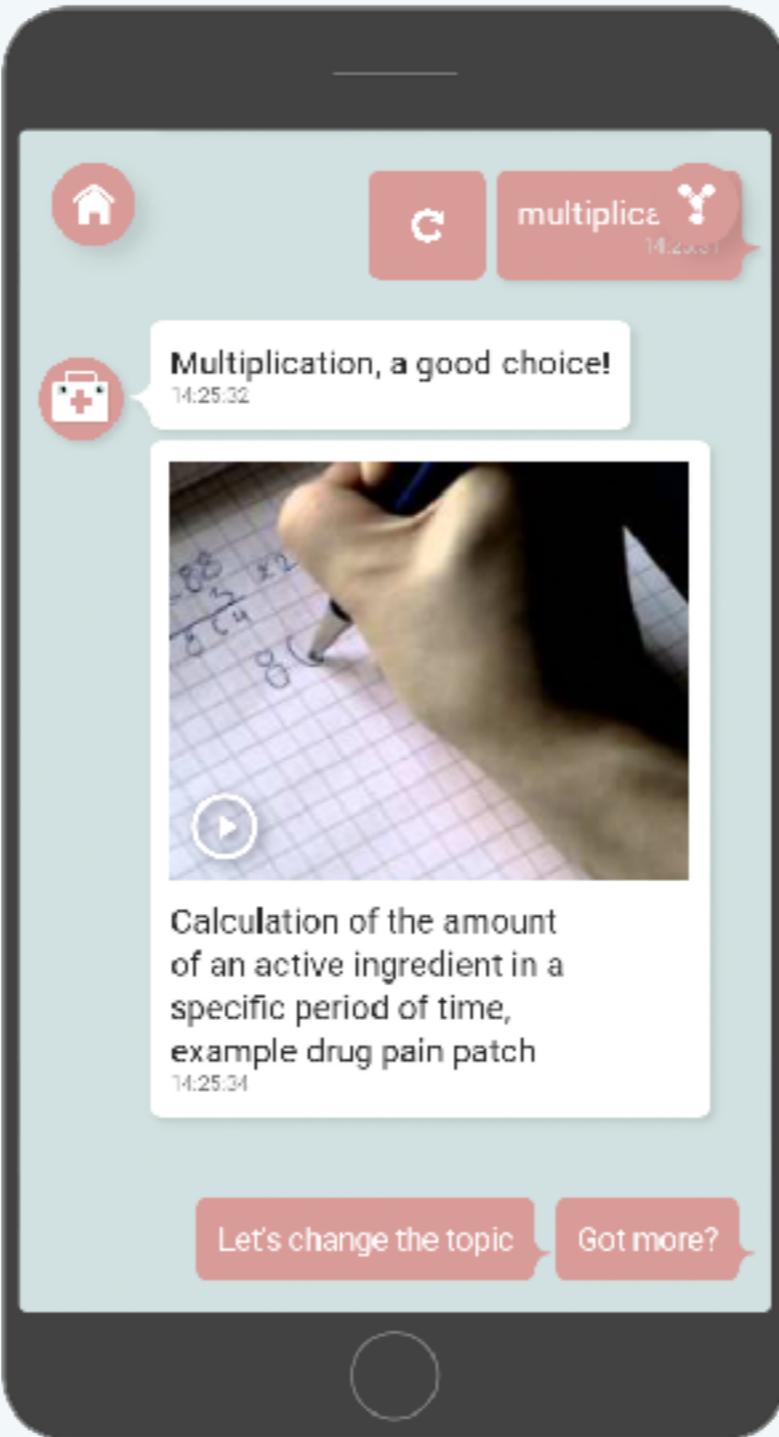
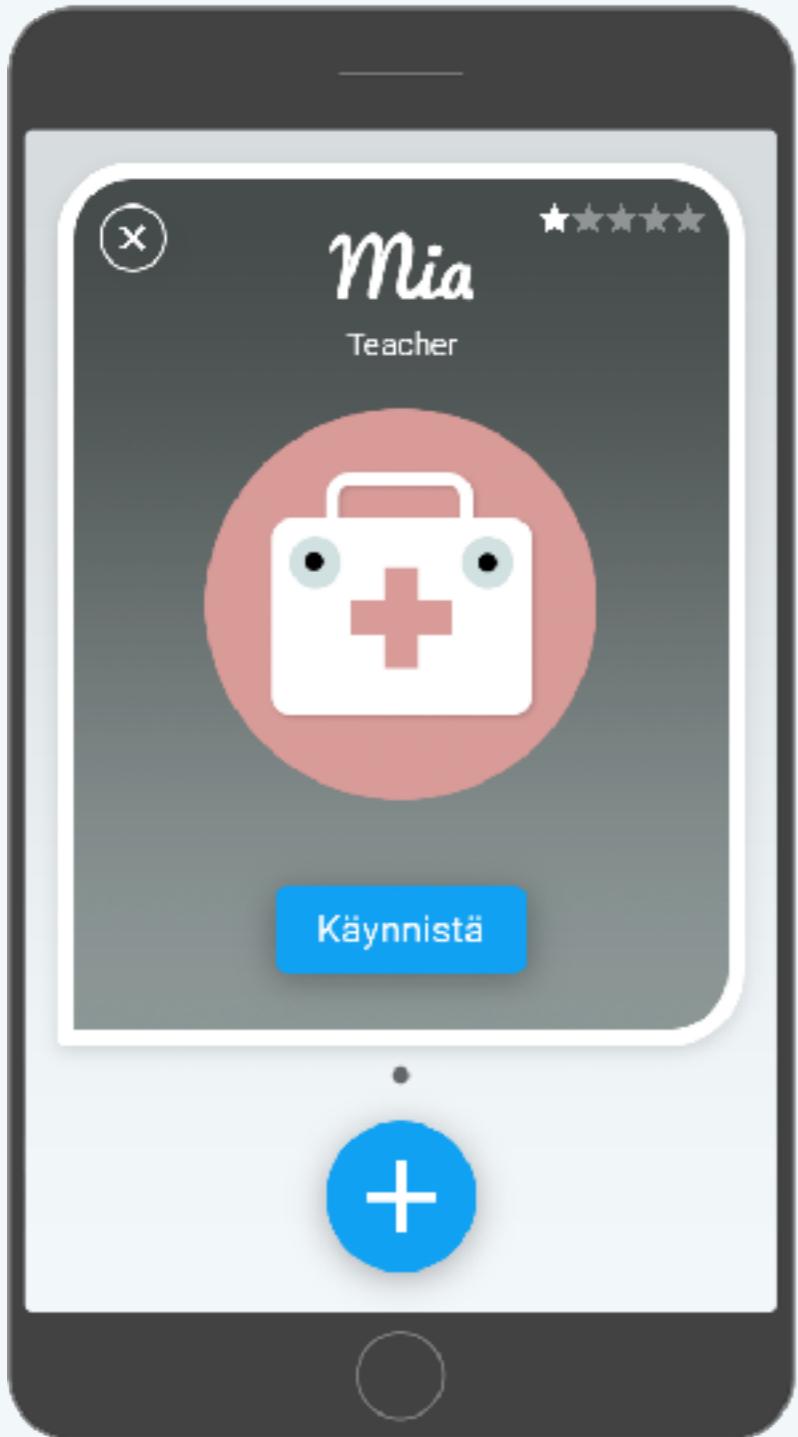
## AI program beats humans in poker game

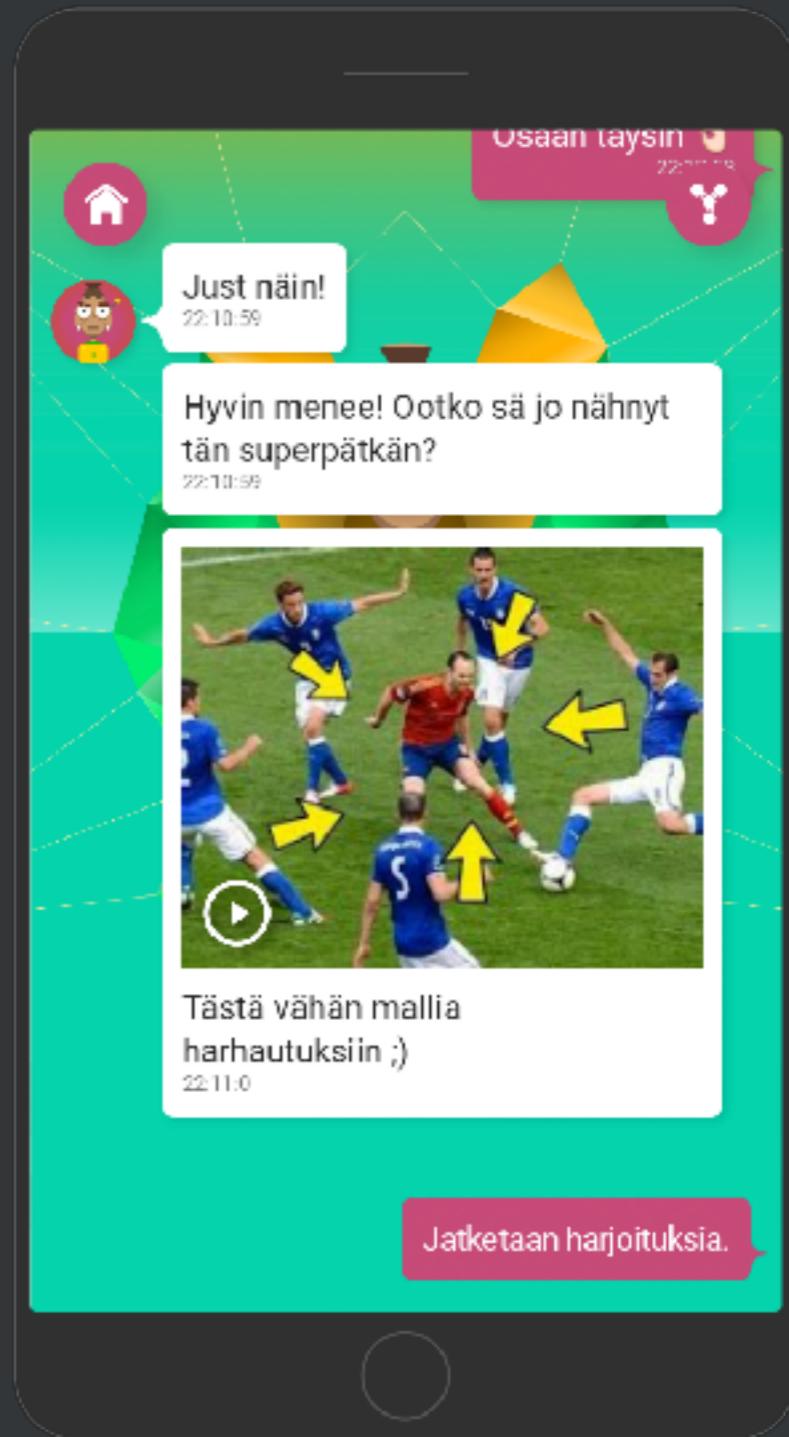
BBC 2017-01-31 21:20:43.0  
159645/265421



## Why scientists are debating the life span of robots









## Artificial Intelligence 1

Participants

Badges

Competencies

Grades

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## Artificial Intelligence 1

Blockchain

Yrittäjän\_koulutusohjelman\_va  
2018

Yrittäjän\_koulutusohjelman\_va  
2017



English (en) ▾

# Artificial Intelligence 1

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Your progress

Summary / Progress / Request diploma when ready



Instructions



### Level 1

Level 1 theory: History of AI



Conceptual test for Level 1



Level 1 written exam



### Level 2

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AI\_3

AI\_1

Blockchain

Cloud\_Computing

Data\_Science

Yrittäjän\_koulutusohjelm\_2018

Yrittäjän\_koulutusohjelm\_2017

# Artificial Intelligence 1

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## Theory for Level 1: History of AI

	alpac	outline of applied science	subsumption architecture	artificial general intelligence		
	analytical engine	outline of technology	action selection	list of programming languages for artificial intelligence		
	charles babbage	symbolics	automaton	time-sharing		
	machine learning	list of the oldest currently registered internet domain names	index of robotics articles	marvin minsky		
	cluster analysis	natural language processing	cognitive science	bertram raphael		
			outline of thought	dartmouth conferences		
strong ai	ai effect			computer scientist		
applications of artificial intelligence	weak ai	artificial intelligence		john mccarthy	ai winter	
history of artificial intelligence	speech recognition	alan turing			progress in artificial intelligence	
dartmouth workshop	outline of artificial intelligence	john von neumann	manchester mark 1			

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probability	approximate bayesian computation	<b>bayesian linear regression</b>		
<b>statistics</b>	frequentist probability	frequentist inference	bayesian network	statistical mode
bayesian probability	propensity probability	truth value	data	

Topic now: bayesian\_probability

[>>> NEXT QUESTION >>>](#)

Which of the following themes/concepts are directly related to bayesian probability?

- |                             |                            |                             |                                       |
|-----------------------------|----------------------------|-----------------------------|---------------------------------------|
| probability interpretations | true <input type="radio"/> | false <input type="radio"/> | skip <input checked="" type="radio"/> |
| posterior probability       | true <input type="radio"/> | false <input type="radio"/> | skip <input checked="" type="radio"/> |
| prior probability           | true <input type="radio"/> | false <input type="radio"/> | skip <input checked="" type="radio"/> |
| bayesian inference          | true <input type="radio"/> | false <input type="radio"/> | skip <input checked="" type="radio"/> |
| knowledge-based systems     | true <input type="radio"/> | false <input type="radio"/> | skip <input checked="" type="radio"/> |
| inference engine            | true <input type="radio"/> | false <input type="radio"/> | skip <input checked="" type="radio"/> |
| bayes%27 theorem            | true <input type="radio"/> | false <input type="radio"/> | skip <input checked="" type="radio"/> |
| pierre-simon laplace        | true <input type="radio"/> | false <input type="radio"/> | skip <input checked="" type="radio"/> |
| wikidata                    | true <input type="radio"/> | false <input type="radio"/> | skip <input checked="" type="radio"/> |
| random variable             | true <input type="radio"/> | false <input type="radio"/> | skip <input checked="" type="radio"/> |

[◀ Level 5 Theory: Bayesian models](#)[Jump to...](#)[Level 5 written exam ▶](#)

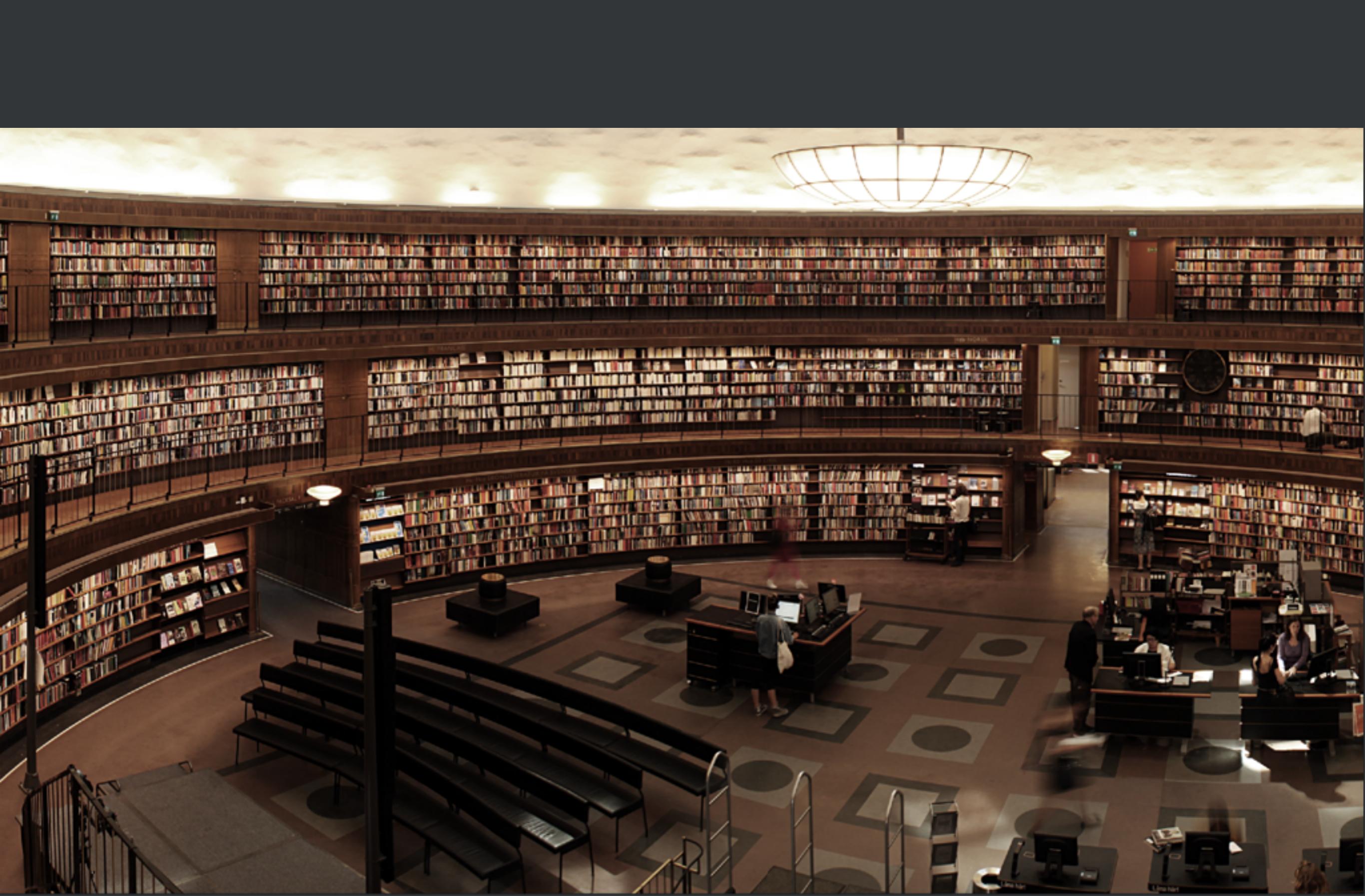
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AI_1
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Yrittäjän_koulutusohjelm 2018
Yrittäjän_koulutusohjelm 2017

# Artificial Intelligence 1

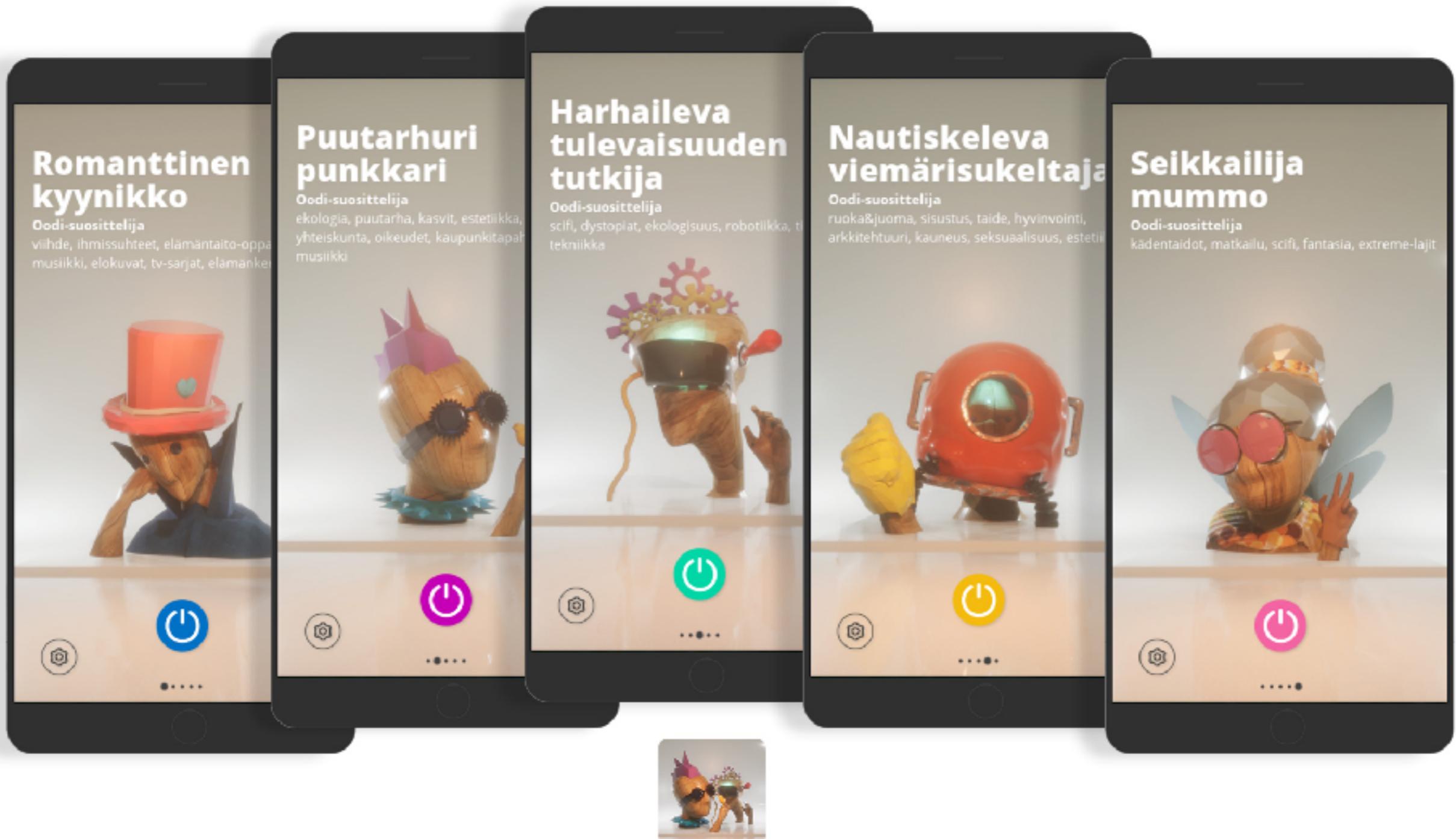
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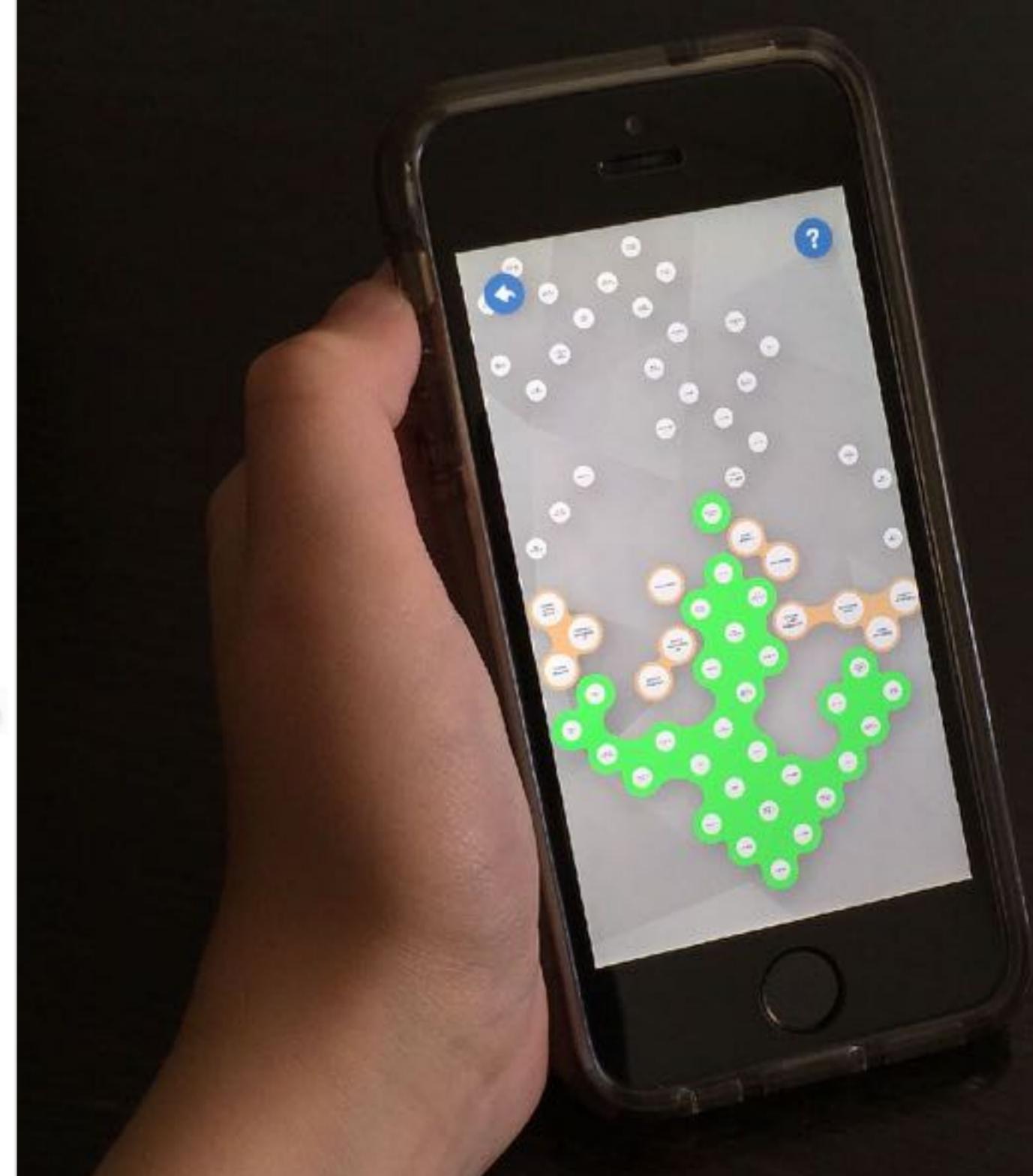
## Theory for Level 1: History of AI

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# libraryAI





# Cognitive AI for lifelong learning

1. Understand what skills are needed
2. Assess individual's skills (myData)
3. Suggest training-on-demand in order to improve individual's skillset
4. Show career path: direct jobs and educational opportunities
5. Simulate continuously with Digital Twins

**FIVE  
BILLION**

**re-skilled**

\*Training-on-demand is a Headai B2B API service that include standardised assessment

# Fake Intelligence Summit 2019

SAVE THE DATE 7.-8.5.2019

SATAKUNTA UNIVERSITY OF APPLIED SCIENCES

West Coast Finland, Pori



# Create Artificial Labor

Headai