

Tekoäly tutuksi

Mitä tekoälystä on hyvä tietää tänään

RIL

Antti Merilehto

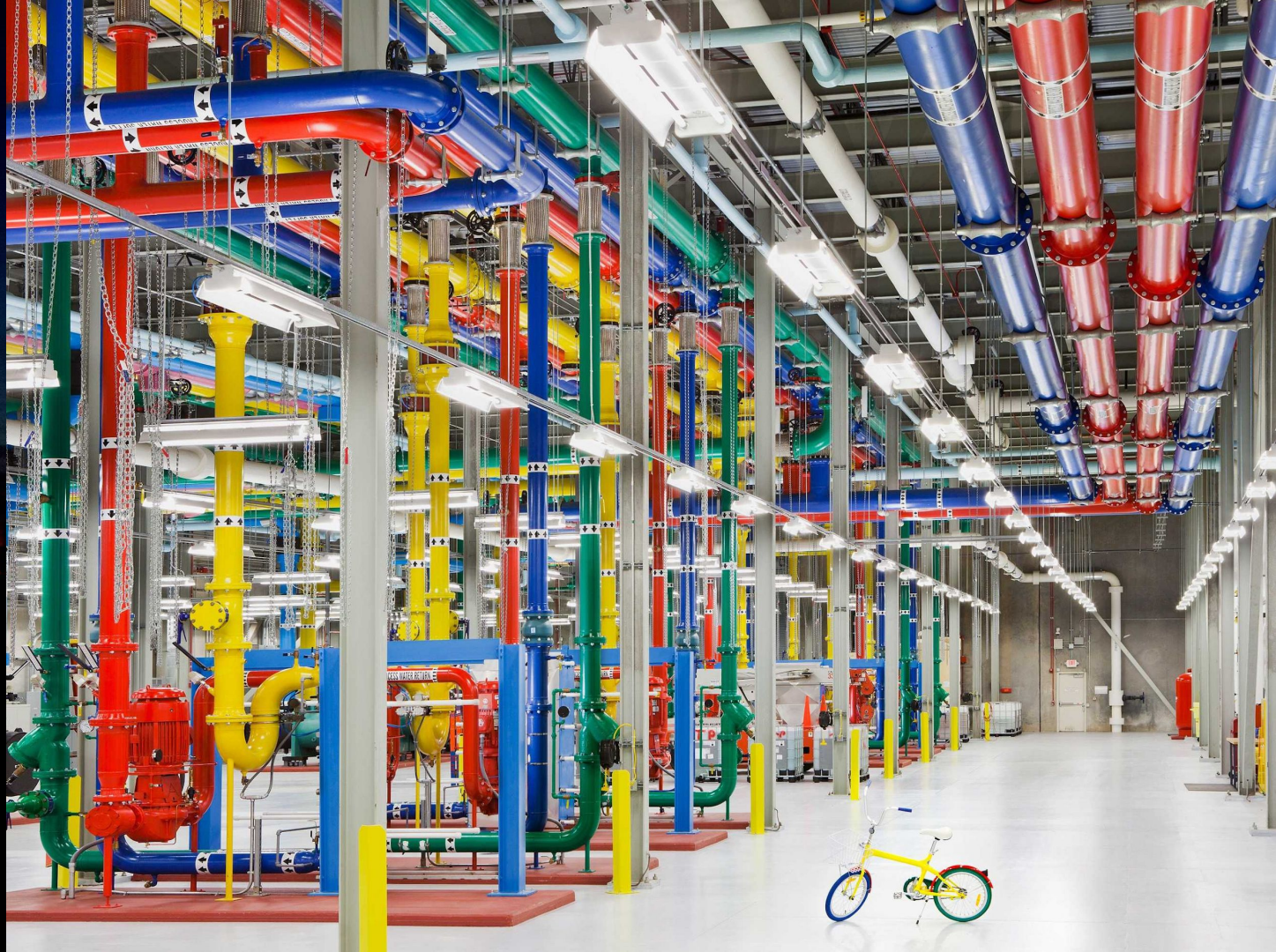
@AnttiMerilehto

10.4.2018



SLUSH





ANTTI MERILEHTO

TEKO ÄLY

MATKAOPAS JOHTAJALLE





Tutkimus
paljasti,
että jopa
49 prosenttia
18-34-vuotiaista
suomalaisista
ei koe tarvitse-
vansa tekoälyä."

Ministeri Lintilä: Suomesta tekoälyn soveltamisen kärkimaa

Työ- ja elinkeinoministeriö 🕒 18.5.2017 13.34

TIEDOTE



Elinkeinoministeri Mika Lintilä on 18.5.2017 asettanut ohjausryhmän valmistelemaan ehdotusta Suomen tekoälyohjelmaksi. Ministeri toteaa, että tekoäly on noussut digitalisaation keskiöön ja Suomi aikoo hallitusohjelman mukaisesti olla tämän kehityksen kärjessä.

- Tekoälyohjelman tavoitteena on yhteistyössä julkisen sektorin ja yritysten kanssa löytää ne keskeiset uudet toimenpiteet, jotka parhaiten tukevat tekoälyn ja

robotiikan hyödyntämistä yritysten innovaatiotoiminnassa Suomessa. Ohjelman tavoitteena on lisäksi tekoälyn

Tekoäly on uusi sähkö





Ymmärrä perusasiat
tekoälystä.

Risto Siilasmaa, Nokia



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Your Daily Mix

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PLAYLISTS

Love Boat Theme

Discover Weekly

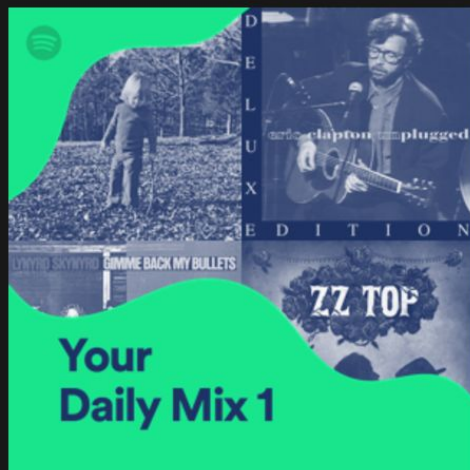
Sunshine of Kulosaari ...

cooking music

Ether Tattva Wah... 

Your Daily Mixes

Play the music you love, without the effort. Packed with your favorites and new discoveries.



Daily Mix 1

The Allman Brothers Band, Eric Clapton, Lynyrd Skynyrd and more

MADE FOR ANTTI



Daily Mix 2

Pepe Willberg, Maarit, Mikko Kuustonen and more

MADE FOR ANTTI



Daily Mix 3

Shooter Jennings, Willie Nelson, David Allan Coe and more

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Roll over image to zoom in

- 89% Cotton, 11% Polyester
- Imported
- Machine Wash
- 5 pocket styling; zip fly
- 11.25 cover Italian stretch denim
- 10.5 inch front rise
- 15.5 inch leg opening
- 33.5 inch inseam

Men's fall essentials - exclusively for Prime members



Dress Shirt
\$39.00



Sport Shirt
\$39.00



Checked
Shirt
\$25.00



Polo Shirt
\$12.00

Customers who bought this brand also shopped for



7 For All Mankind Men's Eastlight the straight Fit Jeans, Adventurous, 33
\$108.00 ✓prime



7 For All Mankind Mens The Straight in Alpha
\$132.99 ✓prime



7 For All Mankind Men's Standard Classic Straight Leg Jean
\$159.99 ✓prime



7 For All Mankind Men's Standard Classic Straight Leg Jean in Barrow Blue
★★★★★ 1
\$84.90 - \$189.00



7 For All Mankind Men's the Straight Leg Jean
\$183.88 - \$189.00



7 For All Mankind Mens Slim Straight Leg Dark Indigo 36
\$149.00 ✓prime



UDU1	
KJR1	
LAN1	-
ISO2	
II11	-
JTS1	-
XRJ1	
II11	-

ID	Aikaleima	Mitta	Etäisyys m	Alka s	Keskinopeus
14	11:19:01	MOB			
13	11:17:36	MOB			
12	11:12:06	MOB			






By Goban1 - Own work, Public Domain, <https://commons.wikimedia.org/w/index.php?curid=15223468>



alphagomovie.com

A MOXIE PICTURES PRODUCTION IN ASSOCIATION WITH REEL AS DIRT "ALPHAGO"

FEATURING LEE SEDOL DEMIS HASSABIS DAVID SILVER FAN HUI MUSIC BY VOLKER BERTELMANN (HAUSCHKA) EDITED BY CINDY LEE ASSOCIATE PRODUCER DANE LARSEN
COLORIST TIM MASICK SUPERVISING SOUND EDITOR GLENFIELD PAYNE, MPSE RE-RECORDING MIXER TOM PAUL MUSIC EDITOR MISSY COHEN, MPSE
EXECUTIVE PRODUCER ROBERT FERNANDEZ DAN LEVINSON PRODUCED BY GARY KRIEG JOSH ROSEN KEVIN PROUDFOOT DIRECTED BY GREG KOHS

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ARTIFICIAL INTELLIGENCE

Early artificial intelligence stirs excitement.



MACHINE LEARNING

Machine learning begins to flourish.



DEEP LEARNING

Deep learning breakthroughs drive AI boom.



1950's

1960's

1970's

1980's

1990's

2000's

2010's

Since an early flush of optimism in the 1950's, smaller subsets of artificial intelligence - first machine learning, then deep learning, a subset of machine learning - have created ever larger disruptions.

100+ choices

Coca-Cola freestyle

AMC THEATRES

A digital menu board displaying various beverage options, including Coca-Cola Freestyle drinks, with the word "ICE" prominently featured. Below the board, there are physical buttons for "Fanta", "Sprite", "Coca-Cola", and "Coca-Cola Freestyle".

A red Coca-Cola Freestyle beverage machine with a digital menu screen and a dispensing nozzle. The machine is illuminated from below, creating a white glow on its base.

A red Coca-Cola Freestyle beverage machine with a digital menu screen and a dispensing nozzle. The machine is illuminated from below, creating a white glow on its base.

A red Coca-Cola Freestyle beverage machine with a digital menu screen and a dispensing nozzle. The machine is illuminated from below, creating a white glow on its base.





karen zack @teenybiscuit · 21h
sheepdog or mop ?

< Albums

sheepdog or mop

Select



↻ 2.9K



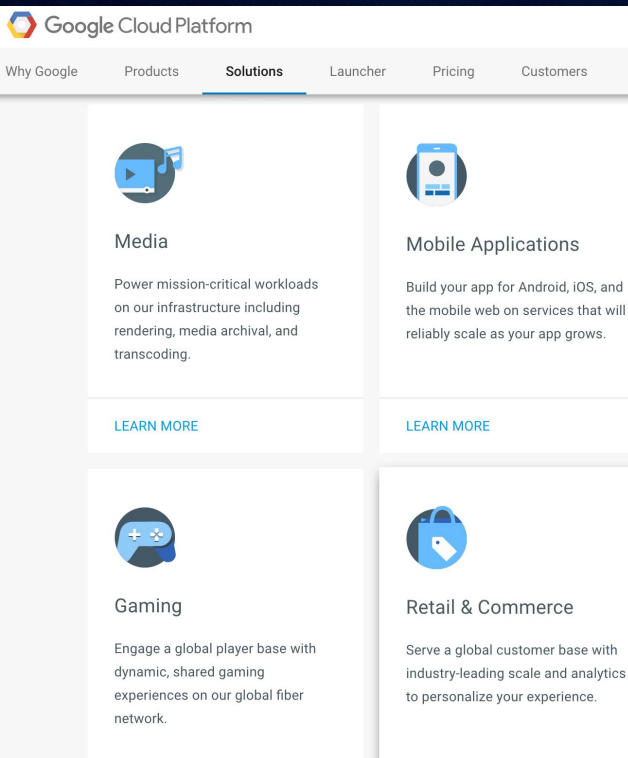
♥ 1.5K





@teenybiscuit

Työkalut ovat täällä - nyt pitää kokeilla!



Google Cloud Platform

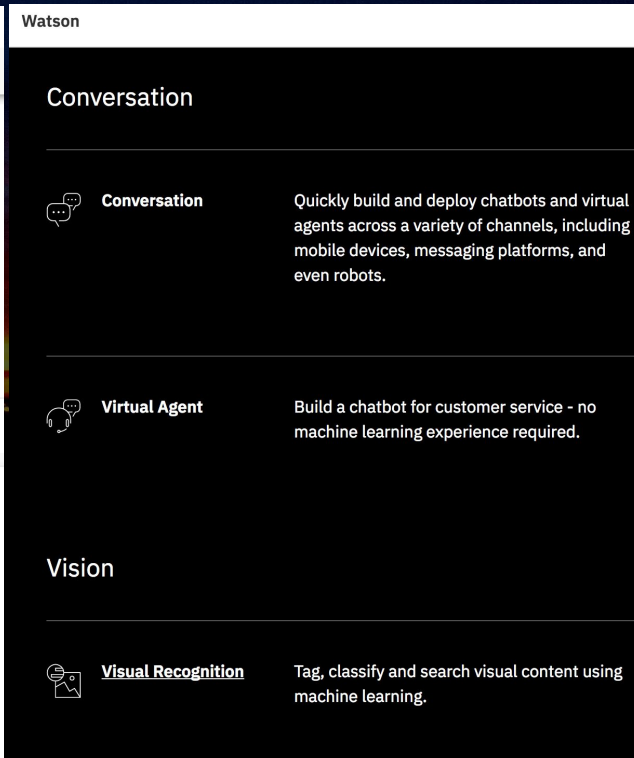
Why Google Products **Solutions** Launcher Pricing Customers

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Power mission-critical workloads on our infrastructure including rendering, media archival, and transcoding.
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Mobile Applications
Build your app for Android, iOS, and the mobile web on services that will reliably scale as your app grows.
[LEARN MORE](#)

Gaming
Engage a global player base with dynamic, shared gaming experiences on our global fiber network.

Retail & Commerce
Serve a global customer base with industry-leading scale and analytics to personalize your experience.



Watson

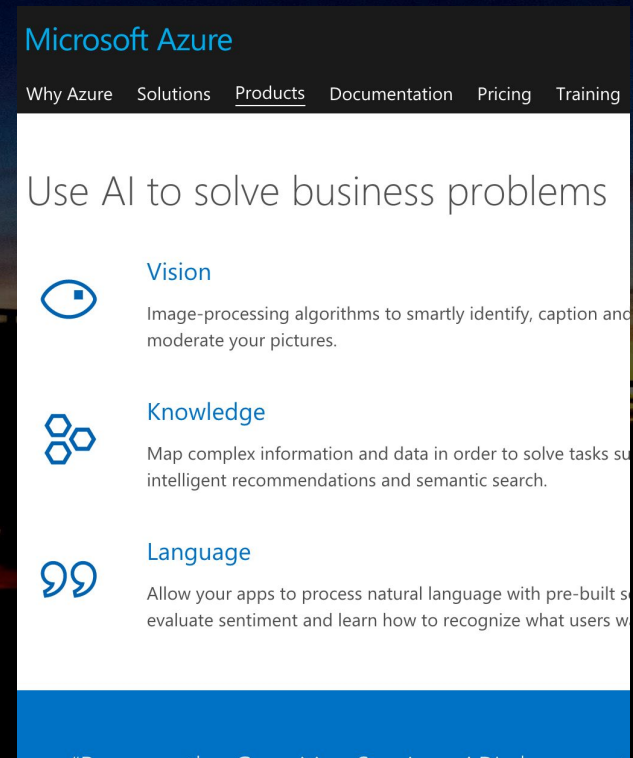
Conversation

Conversation
Quickly build and deploy chatbots and virtual agents across a variety of channels, including mobile devices, messaging platforms, and even robots.

Virtual Agent
Build a chatbot for customer service - no machine learning experience required.

Vision

Visual Recognition
Tag, classify and search visual content using machine learning.



Microsoft Azure

Why Azure Solutions Products Documentation Pricing Training

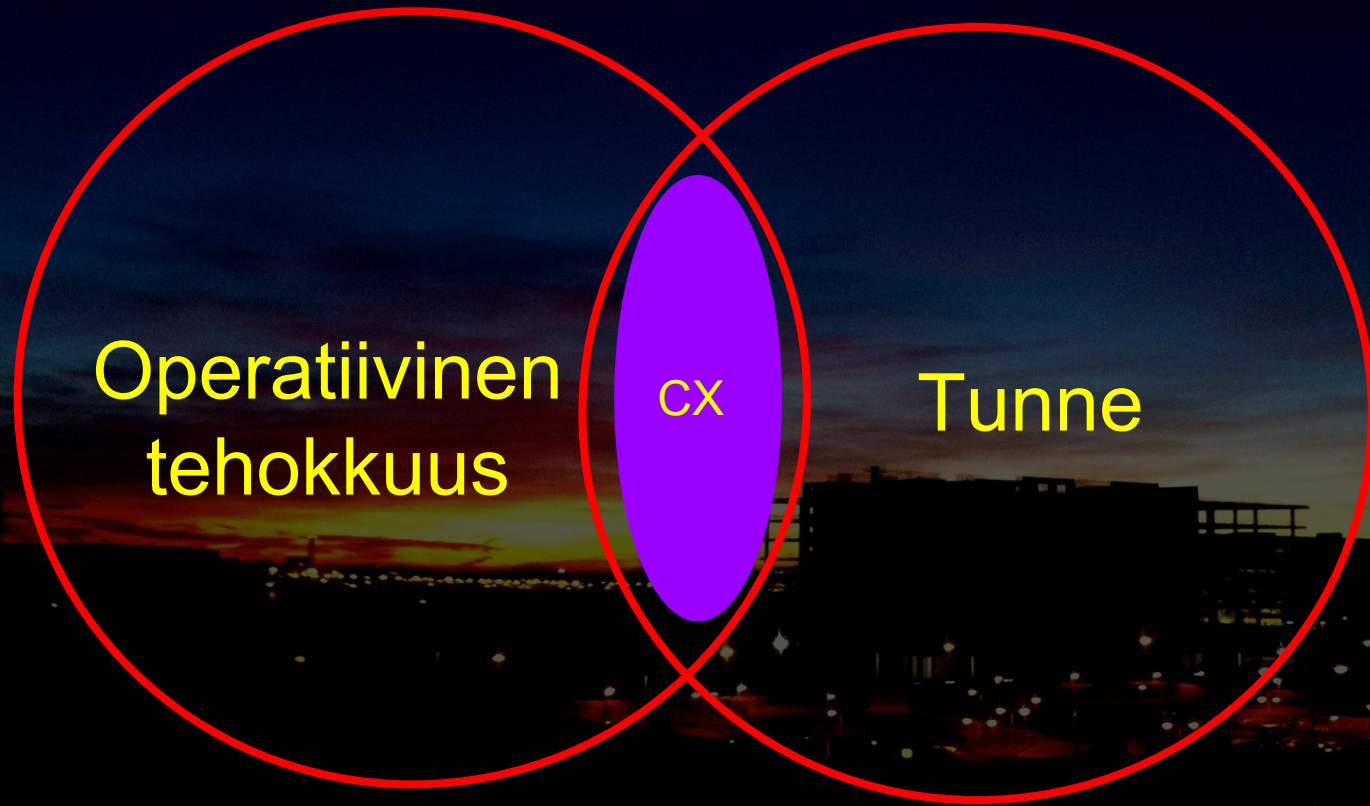
Use AI to solve business problems

Vision
Image-processing algorithms to smartly identify, caption and moderate your pictures.

Knowledge
Map complex information and data in order to solve tasks such as intelligent recommendations and semantic search.

Language
Allow your apps to process natural language with pre-built services to evaluate sentiment and learn how to recognize what users want.

"Because the Cognitive Services APIs harness the power of machine intelligence into our product without..."



Adapted Steven Van Belleghem: When digital becomes human

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TEKO ÄLY

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Mitä teet seuraavaksi?

Antti Merilehto

