

Tulevaisuus tänään

Toimialapäivät 2018

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23.11.2018



100+ choices

Coca-Cola freestyle

AMC THEATRES

DAIANI Cherry

Fanta Orange

Powerade ZERO STRAWBERRY

Secret Bites







Opel Kadett on taloudellisuuden käsite.

Tiukan rahan aikana on auton valinta yhä tarkemman harkinnan ja vertailun perusteella tapahtuva päätös. Auton on entistä paremmin täytettävä kokonaistaloudelliset vaatimukset.

Opel Kadett on saksalaisella perusteellisuudella tehty kokonaistaloudelliseksi. Sen hintaan sisältyy täydellinen

talouspaketti: kestävyys, helppo huollettavuus, edulliset varaosat, pieni polttoainekulutus. Lisäksi on Kadettin jälleenyntiarvo yksi kokoluokkansa parhaista. Opel Kadett on taloudelliseksi suunniteltu ja siksi sen arvo säilyy.

Vaihtoautonakin on Opel Kadett luotettava ja pitkäikäinen.

Opel Kadett antaa rahallesi täyden vastineen.



Kadett Sedan ja Super
Ovh. alk. 32.035,- ja
33.740,-



Kadett GL-luokka 1,2S-1,6S
Ovh. alk. 39.150,-
Special ovh. 35.900,-



Kadett GL Coupé Berlinetta
Ovh. alk. 43.270,-
Tilauksesta GT/E rally-versio.



Kadett Caravan
Ovh. alk. 40.100,-



Kadett City
Ovh. alk. 36.165,-

Embrace Life.
The new Opel Meriva.



The new Opel Meriva challenges conventional car design. Its unique "backdoor" opens 180 degrees for easy parking in tight and awkward spots. Over 100 cubic feet of storage space and 10 tie-downs help hold everything in place. And with 20 different storage solutions, it's easy to find everything you need. The new Meriva is designed to be a car that's as useful as it is fun. Visit www.opel-meriva.ca

www.opel-meriva.ca



The new Opel Meriva is a 2013 EPA fuel economy leader in its class. 22 mpg city/31 mpg highway. 2013 EPA fuel economy leader in its class. 22 mpg city/31 mpg highway.



Meriva Active

Metsureiden määrä supistunut 30 vuodessa 96 prosenttia

Karjalainen



Metsurin ammatti on uhanalainen. Arto Valonen on yksi harvanevan ammattikunnan edustajista.

Suomen metsissä työskenteli vielä 70- ja 80-luvuilla noin 100 000 metsuria. Määrä on supistunut runsaassa 30 vuodessa 96 prosentilla. Nyt ammattimetsureita on hiukan yli 3 500. Metsureiden





ASSET HEALTH INDEX

86%



COMPLETENESS INDEX

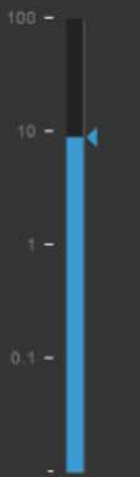
90%

RESIDUAL LIFE



16.4Yr

CRITICALITY



9MS

POF

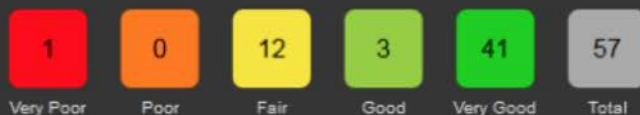
0.2%

RISK



0.02MS

Condition Parameter 2 per Health Zone



DIAGNOSTIC LABEL

Edit

AH-1

Diagnostic

GOLDEN > TR > GOLD-EDG TC5 H409593

15/04/2014

CUSTOM Measurements show some abnormality, please check the DE Breakdown.
Due Date: 15/05/2014

16.4 years RL based on Satisfactory Furan

N/A

By: Tester THIS, 15/04/2014

MAINTENANCE INDEX

14%



Condition Parameter 2 per Health Zone



2022 Skills Outlook

Growing

- 1 Analytical thinking and innovation
- 2 Active learning and learning strategies
- 3 Creativity, originality and initiative
- 4 Technology design and programming
- 5 Critical thinking and analysis
- 6 Complex problem-solving
- 7 Leadership and social influence
- 8 Emotional intelligence
- 9 Reasoning, problem-solving and ideation
- 10 Systems analysis and evaluation

Declining

- 1 Manual dexterity, endurance and precision
- 2 Memory, verbal, auditory and spatial abilities
- 3 Management of financial, material resources
- 4 Technology installation and maintenance
- 5 Reading, writing, math and active listening
- 6 Management of personnel
- 7 Quality control and safety awareness
- 8 Coordination and time management
- 9 Visual, auditory and speech abilities
- 10 Technology use, monitoring and control

WORLD
ECONOMIC
FORUM

COMMITTED TO
IMPROVING THE STATE
OF THE WORLD



[Future of Jobs Report](#)



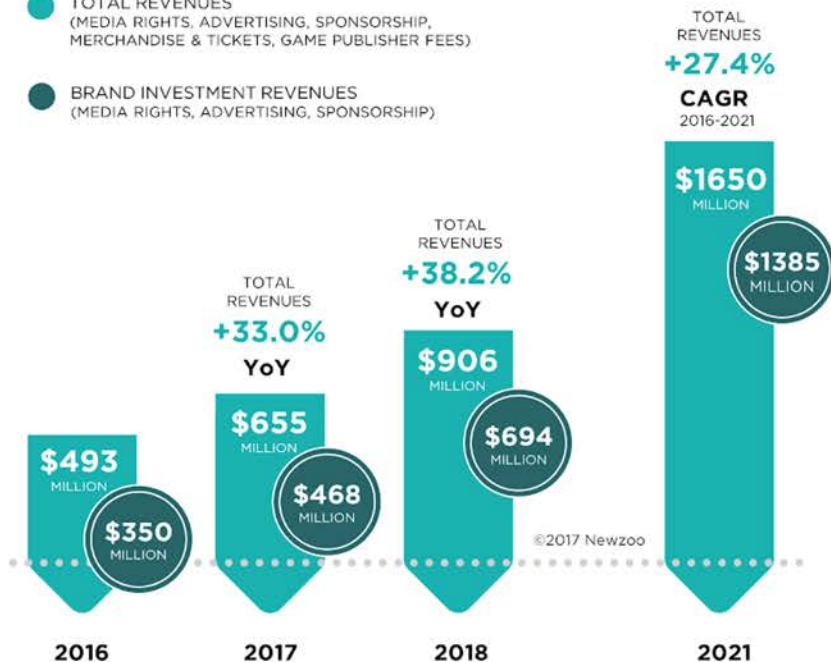
[Report](#)



ESPORTS REVENUE GROWTH

GLOBAL | FOR 2016, 2017, 2018, 2021

- TOTAL REVENUES
(MEDIA RIGHTS, ADVERTISING, SPONSORSHIP,
MERCHANDISE & TICKETS, GAME PUBLISHER FEES)
- BRAND INVESTMENT REVENUES
(MEDIA RIGHTS, ADVERTISING, SPONSORSHIP)

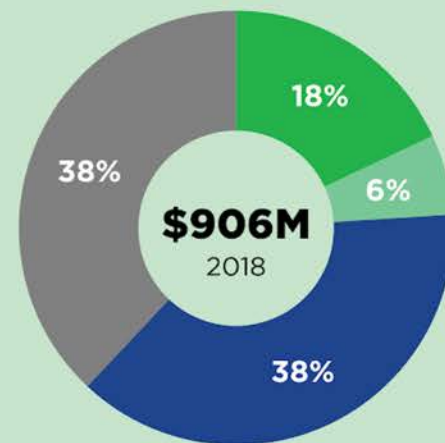


©Newzoo | 2018 Global Esports Market Report

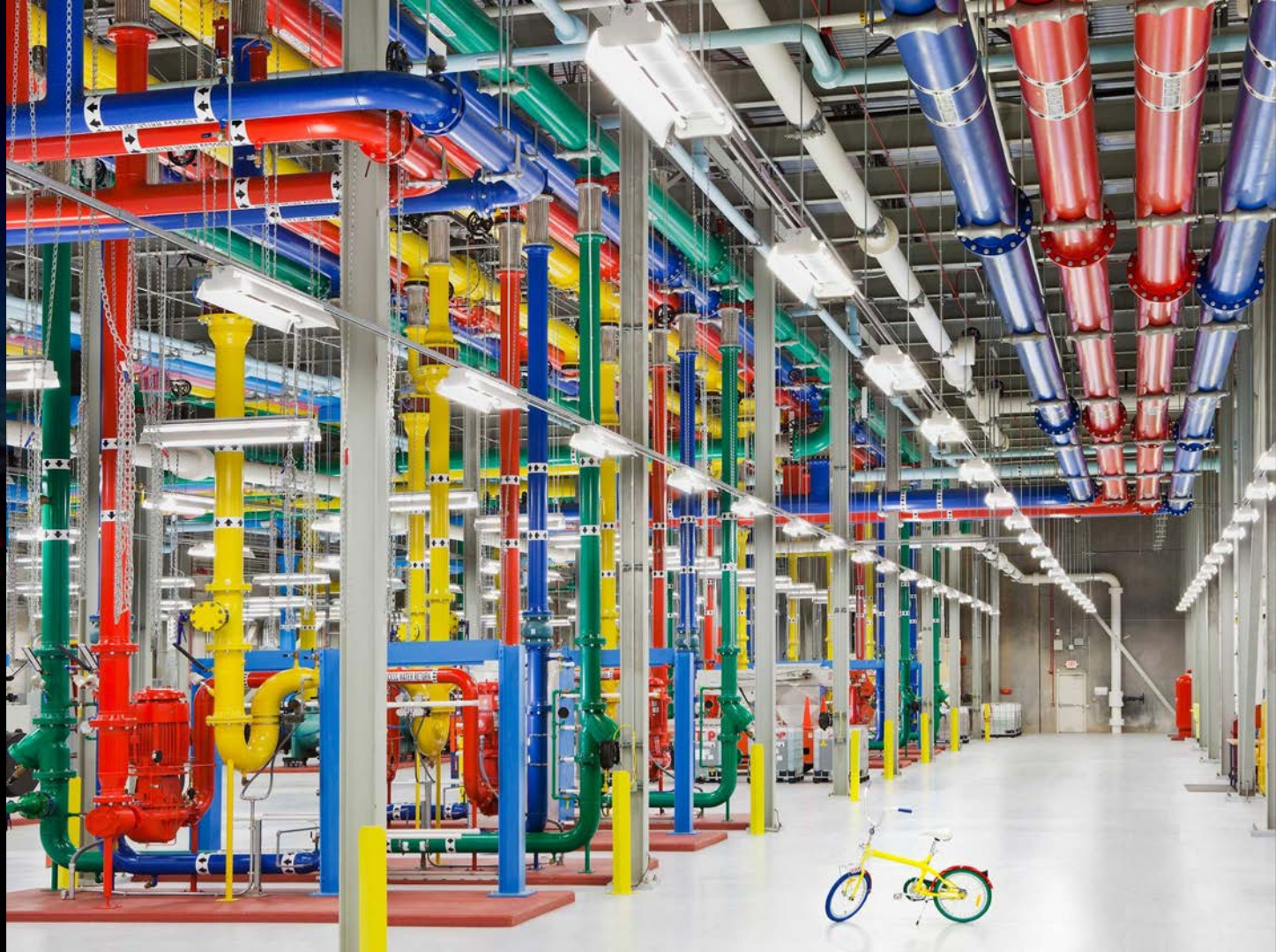
China & North America
will generate

\$509M

in 2018, or 56% of global
esports revenues



● CHINA ● S.KOREA ● NAM ● REST OF WORLD



TOP 10 TIETO FAKTA

1

ANTTI MERILEHTO
TEKOTEKO
ÄLY
MATKAOPAS JOHTAJALLE

6

Alf Rehn
JOHTAJUUDEN
RISTEYKSIÄ

2

Yuval Noah Harari
Sapiens
Ihmisen lyhyt historia
BAZAR
MITÄ SUOMI LUKEE

7

Yuval Noah Harari
Homo Deus
Huomisen lyhyt historia
BAZAR





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



Elinkeino- ja työministeri Mikko Lintilä on 18.5.2017 esittänyt ohjelmajärjestyksensä valmisteluun liittyvistä Suomen tekoälyohjelmasta. Lintilä on todennut, että tekoäly on nopeasti digitaaliseen maailmaan ja Suomi aikoo hallita tekoälyn kehitystä ja tämän kehityksen kärkeä.

– Tekoälyn kehittäminen on yhteistyötä julkisen sektorin ja yritysten kanssa. Työ- ja elinkeinoministeriö on mukana, jotta parhaiten huokavat tekoälyn ja

Tekoäly on uusi sähkö





Ymmärrä perusasiat
tekoälystä.

Risto Siilasmaa, Nokia



18/10/2015 2km/h

ID	Aikaleima	Mitta	Etäisyys m	Aika s	Keskinopeus
14	11:19:01	MOB			
13	11:17:36	MOB			
12	11:12:09	MOB			

UDU1

KJR1

LAN1

ISO2

II11

JTS1

XRJ1

II11




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
COLDRIST 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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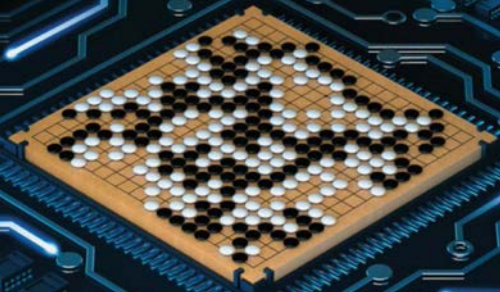
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nature

THE INTERNATIONAL WEEKLY JOURNAL OF SCIENCE



At last — a computer program that
can beat a champion Go player **PAGE 484**

ALL SYSTEMS GO

CONSERVATION

SONGBIRDS À LA CARTE

*Illegal harvest of millions
of Mediterranean birds*

PAGE 452

RESEARCH ETHICS

SAFEGUARD TRANSPARENCY

*Don't let openness backfire
on individuals*

PAGE 450

POPULAR SCIENCE

WHEN GENES GOT 'SELFISH'

*Dawkins's calling
card 40 years on*

PAGE 462

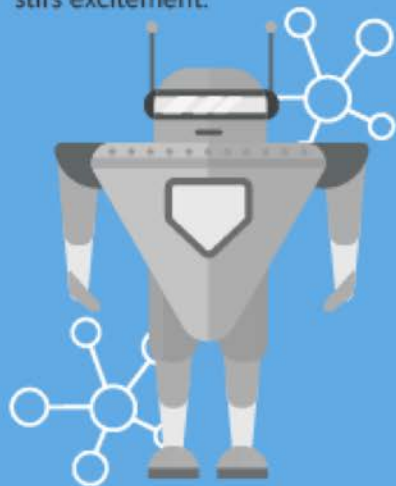
NATUREASIA.COM

28 January 2016

Vol. 529, No. 7587

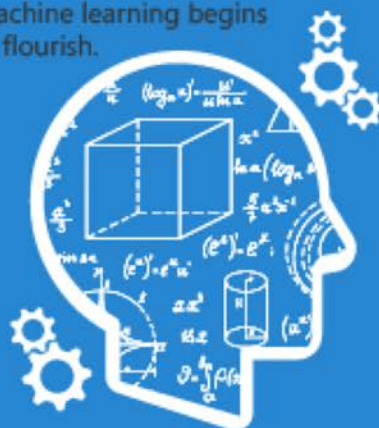
ARTIFICIAL INTELLIGENCE

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.





karen zack @teenybiscuit · 21h
sheepdog or mop ?

[← Albums](#)

sheepdog or mop

[Select](#)



2.9K



1.5K





@teenybiscuit

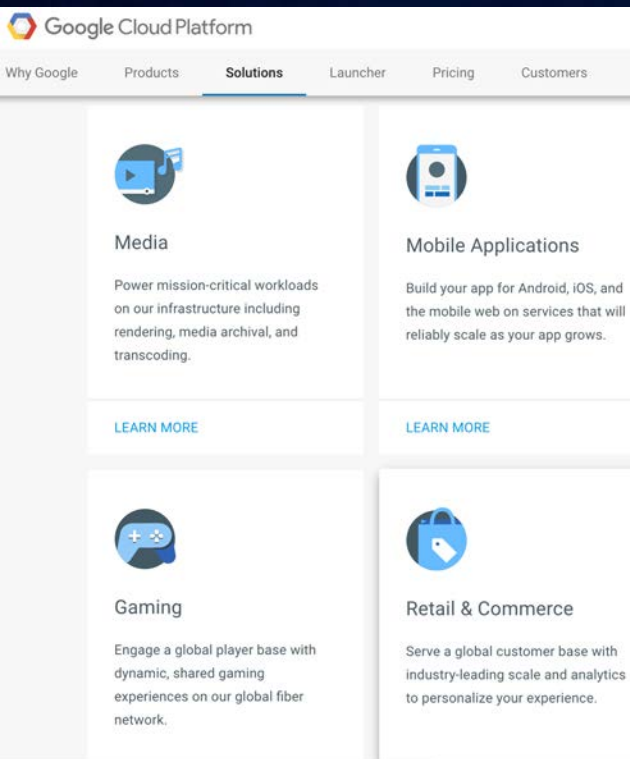
TEKOÄLY | Aleksi Kolehmainen

🕒 30.10, klo 13:50

"Esimakua tulevasta" – tekoäly tekee jo tylsää työtä suomalaisyrityksessä



Työkalut ovat täällä - nyt pitää kokeilla!



Google Cloud Platform

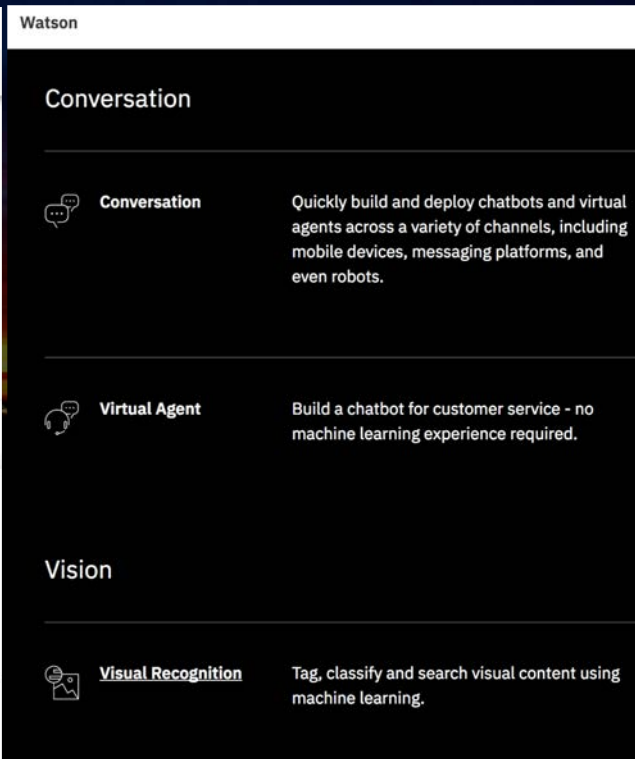
Why Google Products **Solutions** Launcher Pricing Customers

Media
Power mission-critical workloads on our infrastructure including rendering, media archival, and transcoding.
[LEARN MORE](#)

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

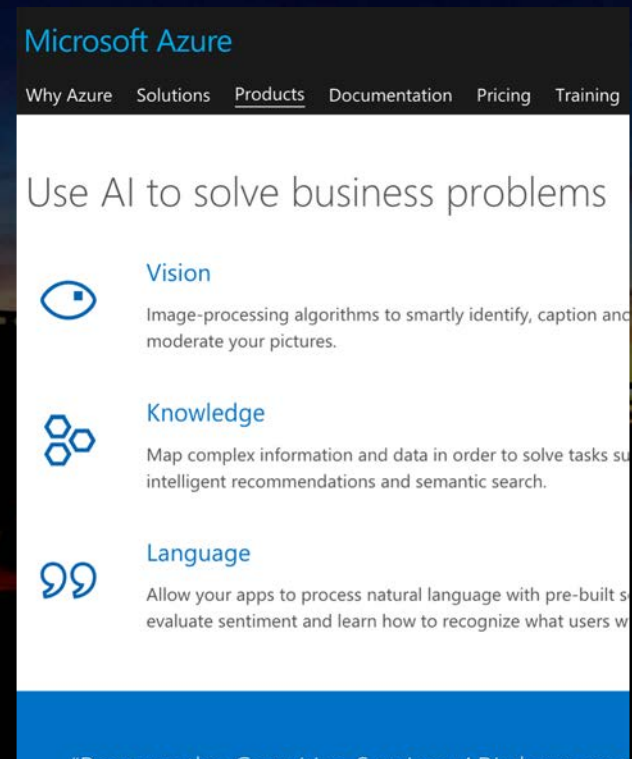
Conversation

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..."



Luku 1

Mitä tekoäly on?

Kappale

Tehtäviä

I. Miten tekoäly määritellään? 0/1

II. Muita aihepiirejä 0/2

III. Tekoälyn filosofiaa 0/1



Luku 2

Ongelmanratkaisu tekoälyn avulla

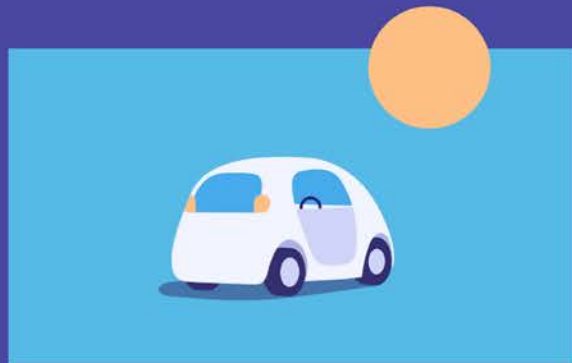
Kappale

Tehtäviä

I. Haku ja ongelmanratkaisu 0/2

II. Ongelmanratkaisu tekoälyn avulla ---

III. Pelit ja haku 0/1



Luku 3

Tekoälyn käytännön sovellukset

Kappale

Tehtäviä

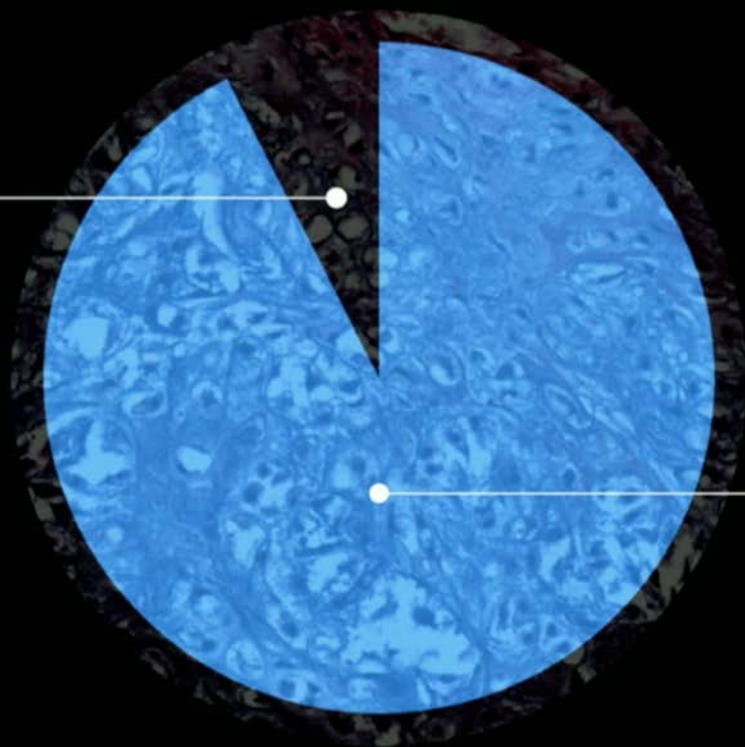
I. Kertoimet ja todennäköisyys 0/2

II. Bayesin kaava 0/2

III. Naiivi Bayesin luokitin 0/2

Diagnosis by **AI**

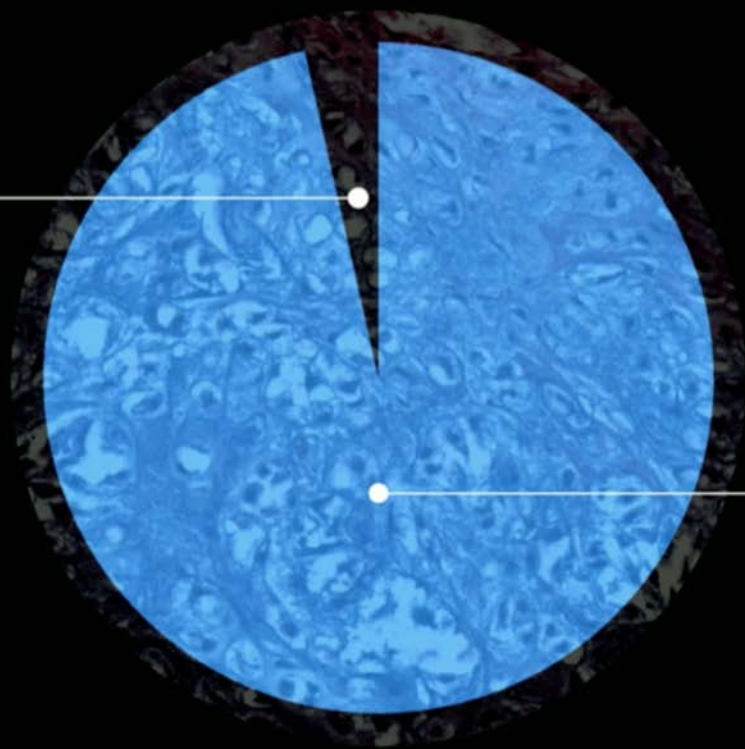
7.5%
incorrect



92.5%
correct

Diagnosis by **Human**

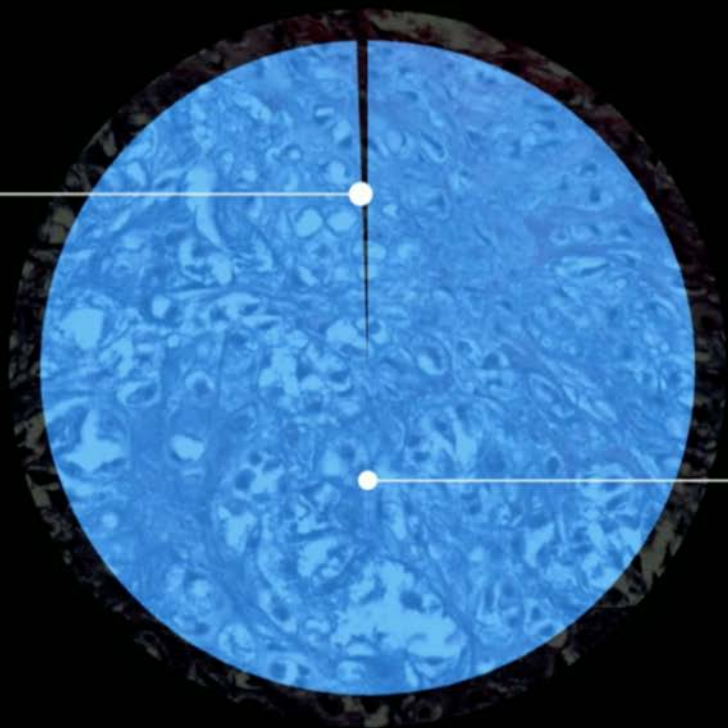
3.4%
incorrect



96.6%
correct

Diagnosis by **Human + AI**

.5%
incorrect



99.5%
correct

ANTTI MERILEHTO

TEKO ÄLY

MATKAOPAS JOHTAJALLE



100+ choices

Coca-Cola freestyle

AMC THEATRES



Mitä teet seuraavaksi?

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