



We turn data into value

AR & „AI first“
aiaiaiai

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P-TSP - Microsoft
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Fakten:

- Seit 1999
- Spezialist für Data-Warehouse, Big-Data- & Data-Analytics-Lösungen
- 73 Mitarbeiter
- Top kununu-Bewertungen 4,4
- 70.000 Beratertage Erfahrung
- 700 Einzelprojekte

Microsoft
Partner


Gold Data Analytics
Gold Data Platform
Gold Cloud Platform



Auszeichnungen:

- Microsoft Gold Kompetenz Data Analytics
- Microsoft Gold Kompetenz Data Platform
- Microsoft Silber Kompetenz Cloud Platform
- Microsoft Frontline Partner of the Year (2012)
- Zertifizierung nach Hichert/IBCS

Unser Portfolio



Data Analytics Platform

BI und Big Data werden in Unternehmen oftmals als getrennte Themen betrachtet. Jedoch ist es in vielerlei Hinsicht sinnvoller, die beiden Welten zu vereinen. Mit der ORAYLIS Data Analytics Platform bauen wir für Sie eine flexible DWH-Architektur auf, die genau auf Ihre Anforderungen zugeschnitten ist und in alle Richtungen erweitert werden kann.



Data Driven Innovation

Stetig wachsende Datenbestände bieten das Potenzial für innovative Produkte und Dienstleistungen. Im ORAYLIS Business Innovation Labs erforschen wir gemeinsam Ihre Daten nach Erkenntnissen, die eine digitale Transformation Ihres Geschäfts sowie Vorteile gegenüber dem Wettbewerb ermöglichen.

Unsere Kunden

APCOA
PARKING

Atlas Copco

AVENTICS[®]

BAUR

BAYER Bayer

brands4friends

C&A

CHRIST

„DekaBank

DFS Deutsche Flugsicherung

DORN
BRACHT

ECOLAB[®]

EP:
ElectronicPartner

E-PLUS GRUPPE
|||||||

elringklinger

TEWE
TEL

FAH
Hochschule Aachen

GEA

GRUNDFOS[®]

Hesse Lignal
LACKE & BEIZEN

HiPP

Hoist Finance

HPA
Hamburg Port Authority

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media
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KARSTADT

KRONES

MALZERS
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Microsoft

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Für den Mittelstand.

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POLIZEI
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Thüringer
Kultusministerium

thyssenkrupp

unitymedia

usg people

Verlagsgruppe
Handelsblatt

VIESSMANN

vodafone

Volkswagen

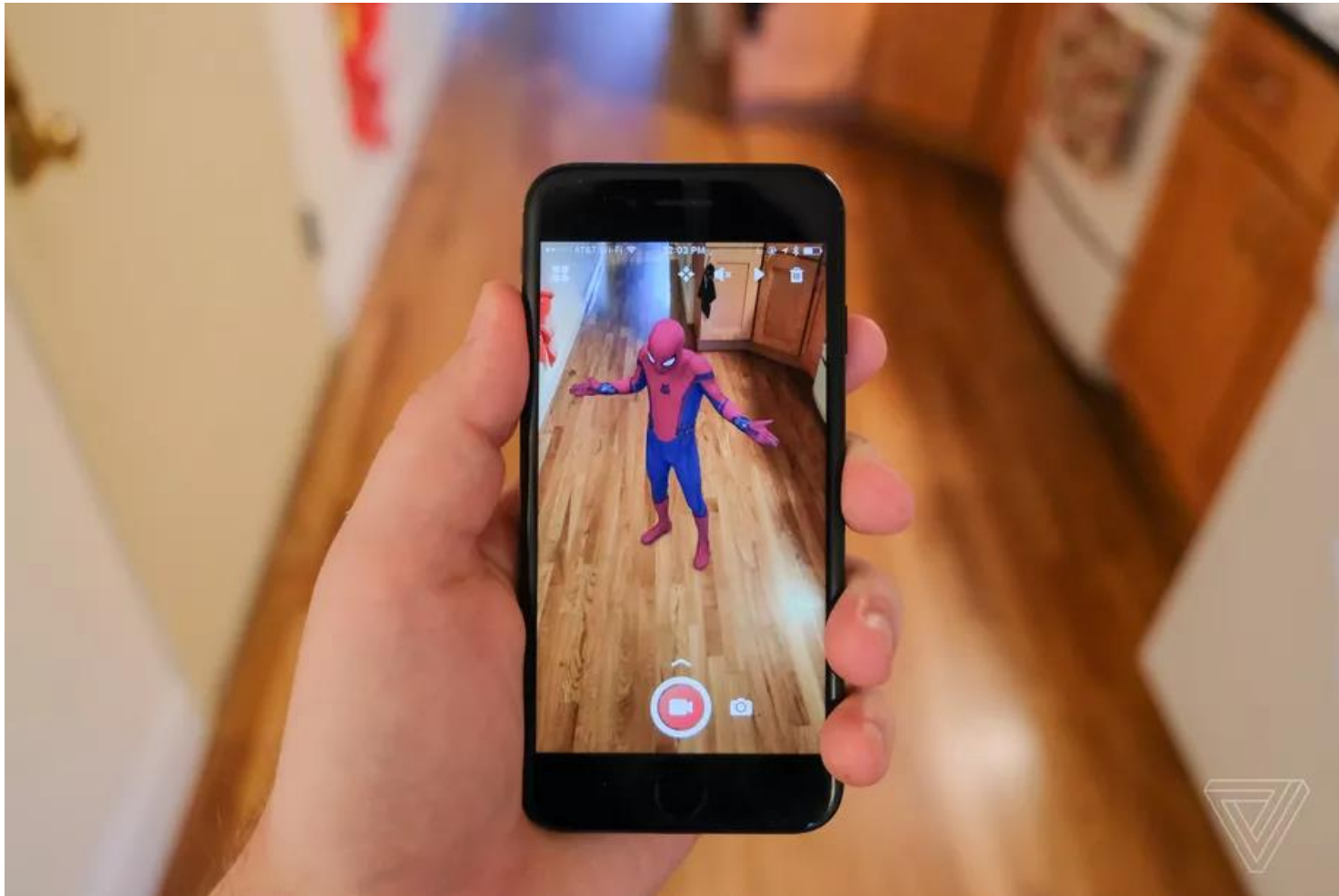
VORWERK

WIKAL

wilo

AI (first) & AR

Holo App und iOS11



Fun with AR – Holo App (iOS)



Facebook Vision (2013)



Microsoft HoloLens is leading AR

Facebook patent reveals the AR glasses Mark Zuckerberg hopes will take on Apple and Snapchat

- Three members of Facebook's VR arm Oculus applied for a patent for AR glasses
- Will use a waveguide display to show virtual images and video in the real world
- The approach is similar to the one used by Microsoft's HoloLens AR headset
- Apple and Snapchat are both rumoured to be working on similar AR glasses

By SAGE LAZZARO FOR DAILYMIL.COM

PUBLISHED: 18:33 BST, 21 August 2017 | **UPDATED:** 18:40 BST, 21 August 2017



AR Big Glasses -> Small Glasses -> Lenses -> Ubiquitous Computing / USEMIR

SCI-TECH

Augmented-reality contact lenses to be human-ready at CES

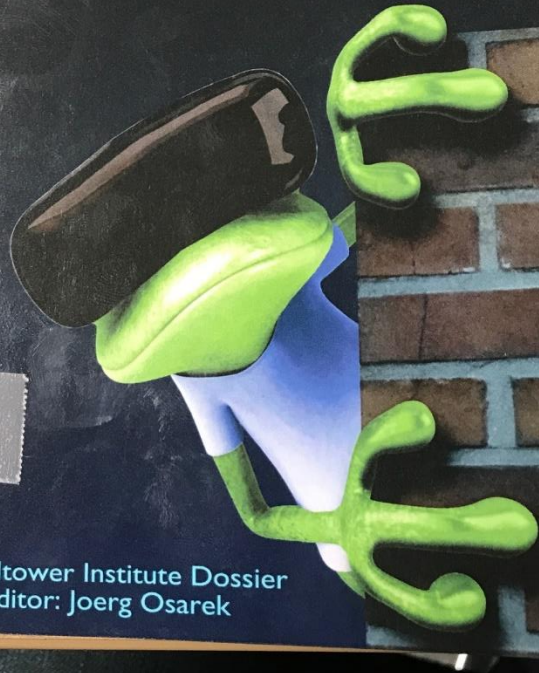
While Google works to bring a polished Glass device to market, wearables startup Innovega is taking head-mounted displays a step further: contact lenses that interact with full HD glasses.

BY NICK STATT / JANUARY 3, 2014 4:00 AM PST



VIRTUAL REALITY ANALYTICS

How VR and AR change
Business Intelligence



A Skilltower Institute Dossier
Editor: Joerg Osarek

"This dossier shows the game changing
mechanisms of Virtual Reality Analytics in a
fascinating way"

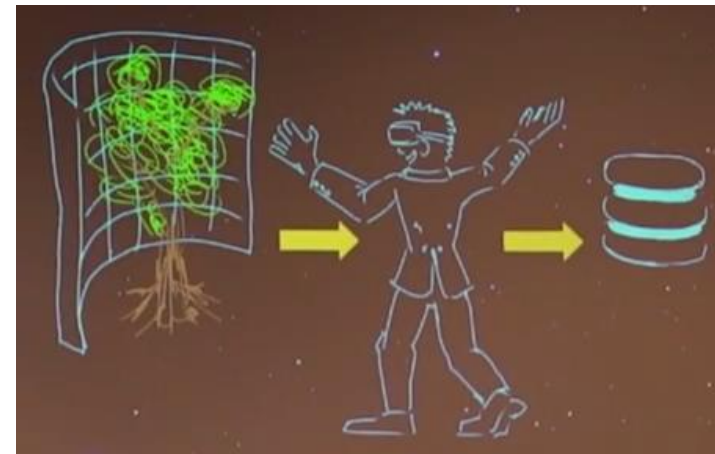
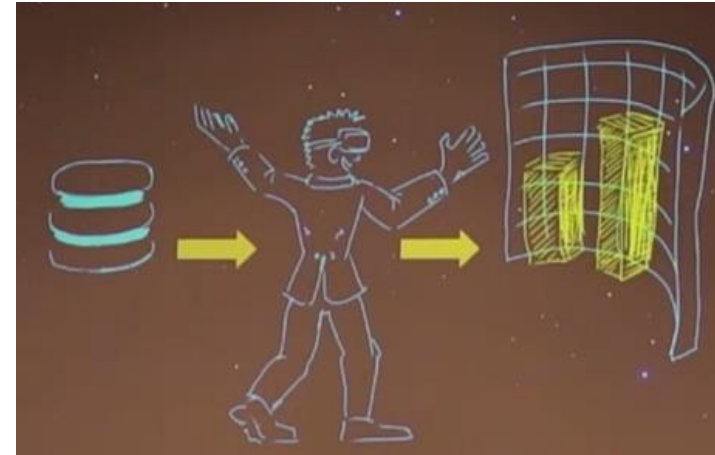
Jan Tussing, Journalist and
Silicon Valley Expert



Way more than traditional web shop analysis technology VR analytics promises to deliver even deeper insights into the consumer's psyche. As powerful as immersive media itself are the new possibilities of gathering behavioural user data during VR experiences and utilizing them alongside traditional data warehouse information. VR is only the first of three visual computing waves heading our direction in the next several years. It is followed by the AR wave (Augmented Reality) and then the USEMIR wave (Ubiquitous SEnsory Mlxed Reality). Each wave will develop it's own kind of specialized analytics enhancing today's Business intelligence systems. And each wave will turn what we now call Big Data into even more Gigantic Data (GiganData). This dossier is co-authored by industry experts to allow you a first deeper look into the brave new world of Virtual Reality Analytics and beyond: Carsten Frisch, Chuck Gordon, Krzysztof Izdebski, Petr Legkov, Max Maschmann, Joerg Osarek, Alexander Scholz, Frank Sommerer, Kevin Williams

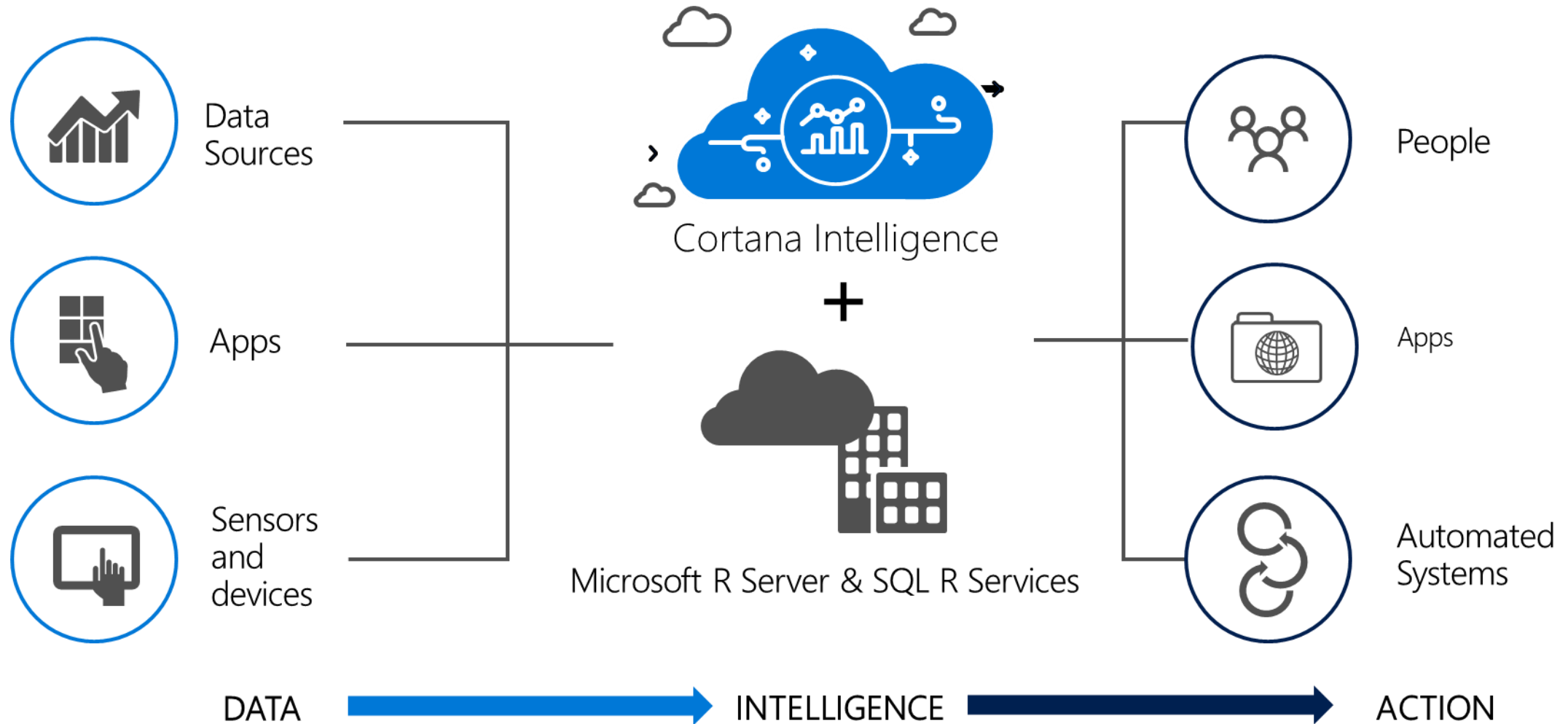
VR/AR Analytics comes in two flavours

- Visualisation of analytics data in VR/AR
- Analyze VR/AR experiences in your DWH

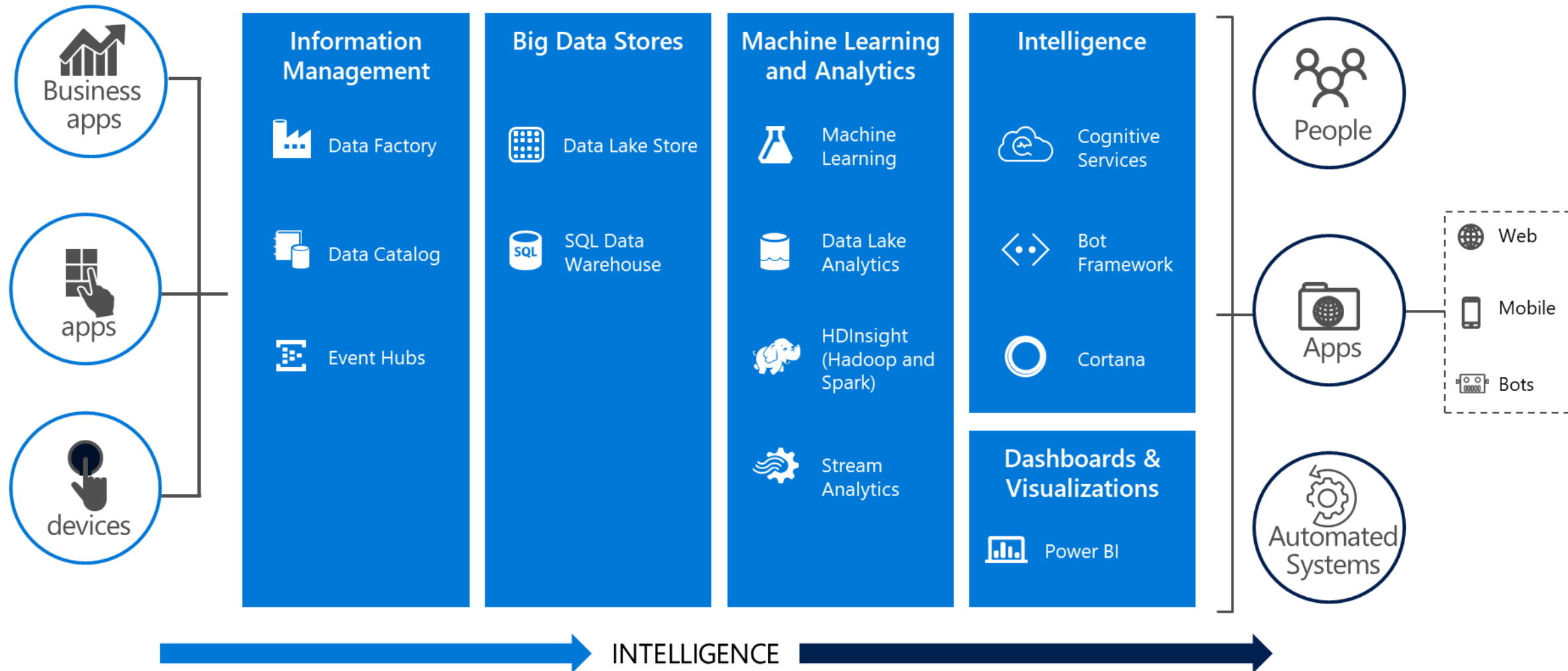


Cortana Intelligence & Cognitive Services

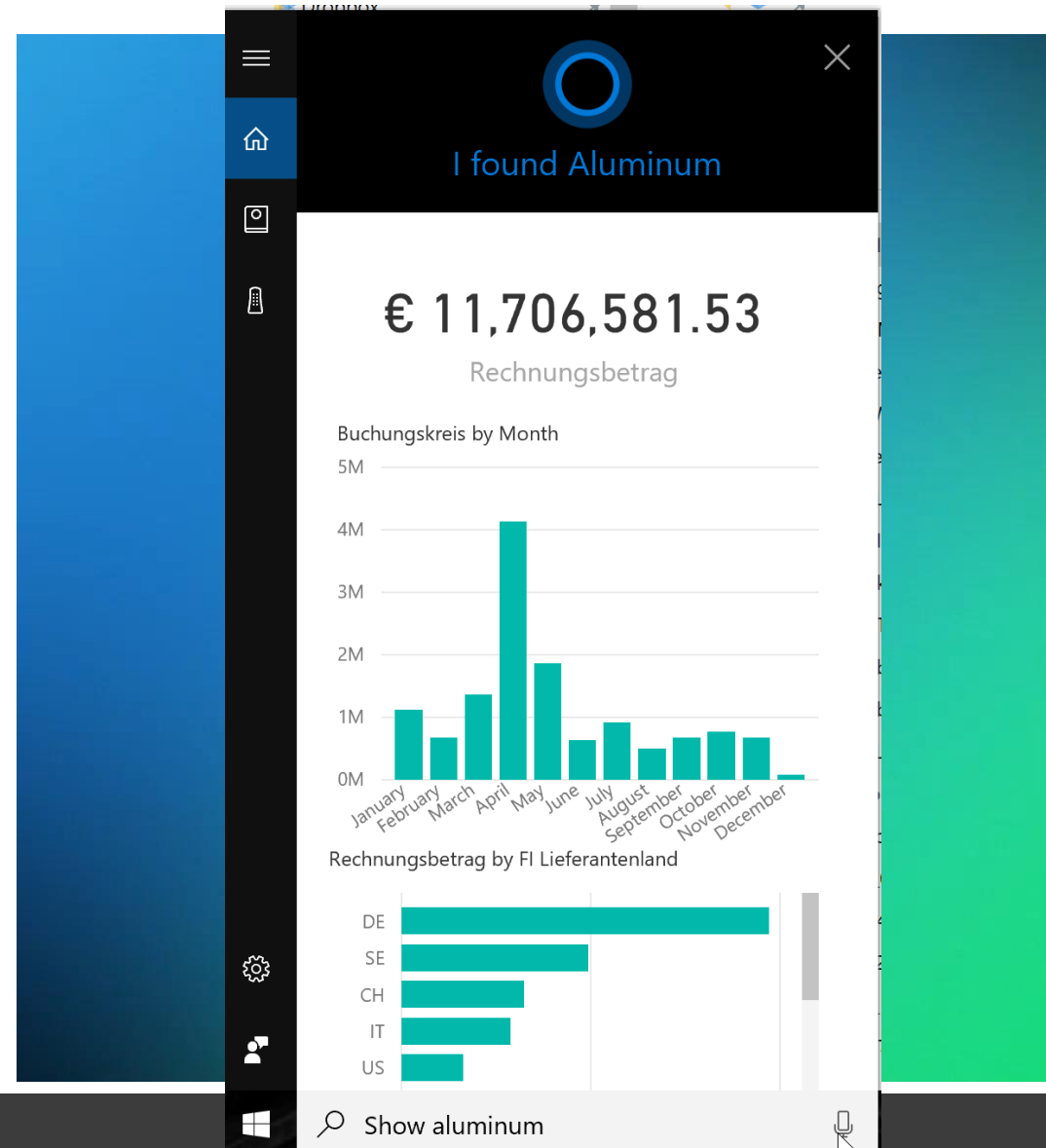
From Data to intelligence to action



From Data to intelligence to action



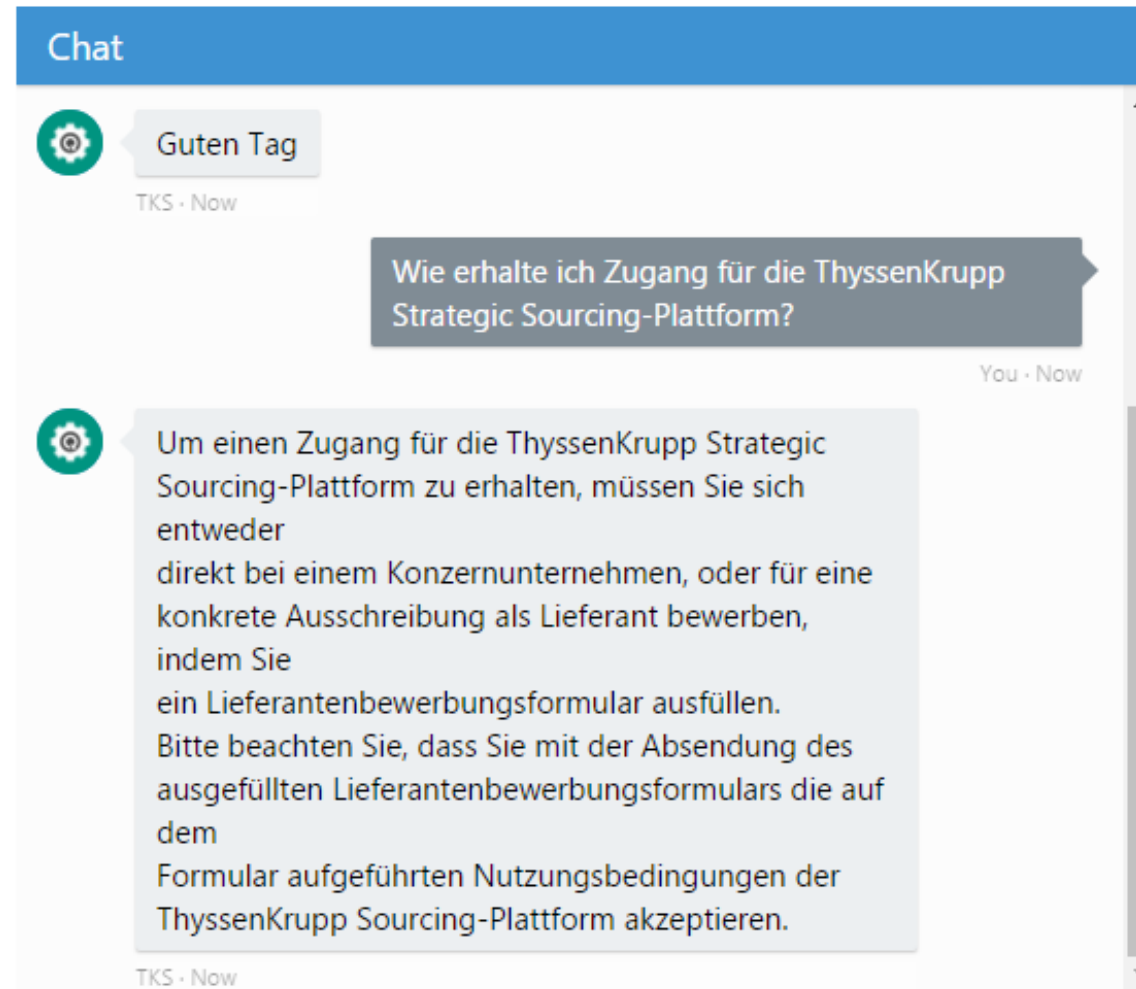
Cortana meets Power BI



Cognitive Services

Bildanalyse Moderne Bildverarbeitungsalgorithmen unterstützen Sie bei der automatischen Moderation von Inhalten und beim Erstellen von Apps mit einem höheren Grad an Personalisierung durch intelligente Funktionen wie z.B. Gesichts-, Bild- und Emotionserkennung.	 Maschinelles Sehen-API  Emotionen-API VORSCHAU  Videoindizierung VORSCHAU	 Gesichtserkennungs-API  Video-API VORSCHAU	 Content Moderator  Benutzerdefinierter Dienst für maschinelles Sehen VORSCHAU
Spracheingabe Verarbeiten Sie gesprochene Sprache in Ihren Anwendungen	 Sprachübersetzungs-API  Benutzerdefinierter Spracherkennungsdienst VORSCHAU	 Sprechereerkennung-API VORSCHAU	 Bing-Spracheingabe-API
Sprache Erweitern Sie Ihre Apps um Funktionen zum Verarbeiten der natürlichen Sprache sowie zum Auswerten von Stimmungen und Themen, und finden Sie heraus, wie Sie die Wünsche Ihrer Benutzer erkennen können.	 Language Understanding Intelligent Service VORSCHAU  Textübersetzungs-API	 Textanalyse-API VORSCHAU  Web Language Model API VORSCHAU	 Bing-Rechtschreibprüfungs-API  API für linguistische Analyse VORSCHAU
Einblicke und Wissen Ordnen Sie komplexe Informationen und Daten zu, um beispielsweise intelligente Empfehlungen geben oder eine semantische Suche durchführen zu können.	 Empfehlungs-API VORSCHAU  QnA Maker-API VORSCHAU	 Academic Knowledge-API VORSCHAU  Entity Linking Intelligence Service-API VORSCHAU	 Knowledge Exploration Service VORSCHAU  Benutzerdefinierter Entscheidungsdienst VORSCHAU
Search Erweitern Sie Ihre Apps, Webseiten und anderen Benutzerfunktionen mit den Bing-Such-APIs um intelligente Features für eine verbesserte Benutzerinteraktion.	 Bing-Vorschlagssuche-API  Bing-API für die Videosuche  Bing-Entitätssuche-API VORSCHAU	 Bing-API für die Bildersuche  Bing-API für die Websuche	 Bing-API für die News-Suche  Benutzerdefinierte Bing-Suche VORSCHAU
Labs Sehen Sie sich aufkommende Cognitive Services-Technologien bereits zu einem frühen Zeitpunkt an. Als frühzeitiger Nutzer können Sie – wenn Sie keine marktfähige Technologie benötigen – neue Cognitive Services-Technologien entdecken, ausprobieren und Feedback dazu liefern, bevor diese allgemein verfügbar sind.	 Projekt Prague Gestenbasierte Steuerungen  Projekt Nanjing Isochronenberechnungen	 Projekt Johannesburg Routenlogistik  Projekt Cuzco Mit Wikipedia-Einträgen verknüpftes Ereignis	 Projekt Abu Dhabi Entfernungsmatrix  Projekt Wollongong Informationen zu Standorten

Bot Demo



<https://qnamaker.ai/Edit/Test?kbId=dca15443-aa6b-4ac6-b30e-1ab3007538f1>

Cognitive Services Face API



Ergebnis der Erkennung:

11 faces detected

JSON:

```
[
  {
    "FaceRectangle": {
      "Top": 176,
      "Left": 121,
      "Width": 64,
      "Height": 64
    },
    "Scores": {
      "Anger": 1.78556192E-07,
      "Contempt": 0.000108605091,
      "Disgust": 1.15831665E-06,
      "Fear": 9.69692451E-11,
      "Happiness": 0.943599045,
      "Neutral": 0.0562902763,
      "Sadness": 1.78691865E-07
    }
  }
]
```

Bild-URL

Übermitteln

Durchsuchen



Cognitive Services (Kiosk)

CONTOSO OUTDOOR CHEF

[BBQ & GRILL](#)[OUTDOOR KITCHENS](#)[ACCESSORIES](#)[CLEARANCE](#)[INSTALLATION](#)

Fabrikam

M5200 Portable BBQ

DESCRIPTION

Cook your meat to absolute perfection with this portable BBQ Set. Great for small outdoor spaces and entertaining without compromising on flavor. Buy Now and receive a 5 Piece BBQ cooking + cleaning set absolutely free.

\$219

BUY NOW

<

RELATED ITEMS

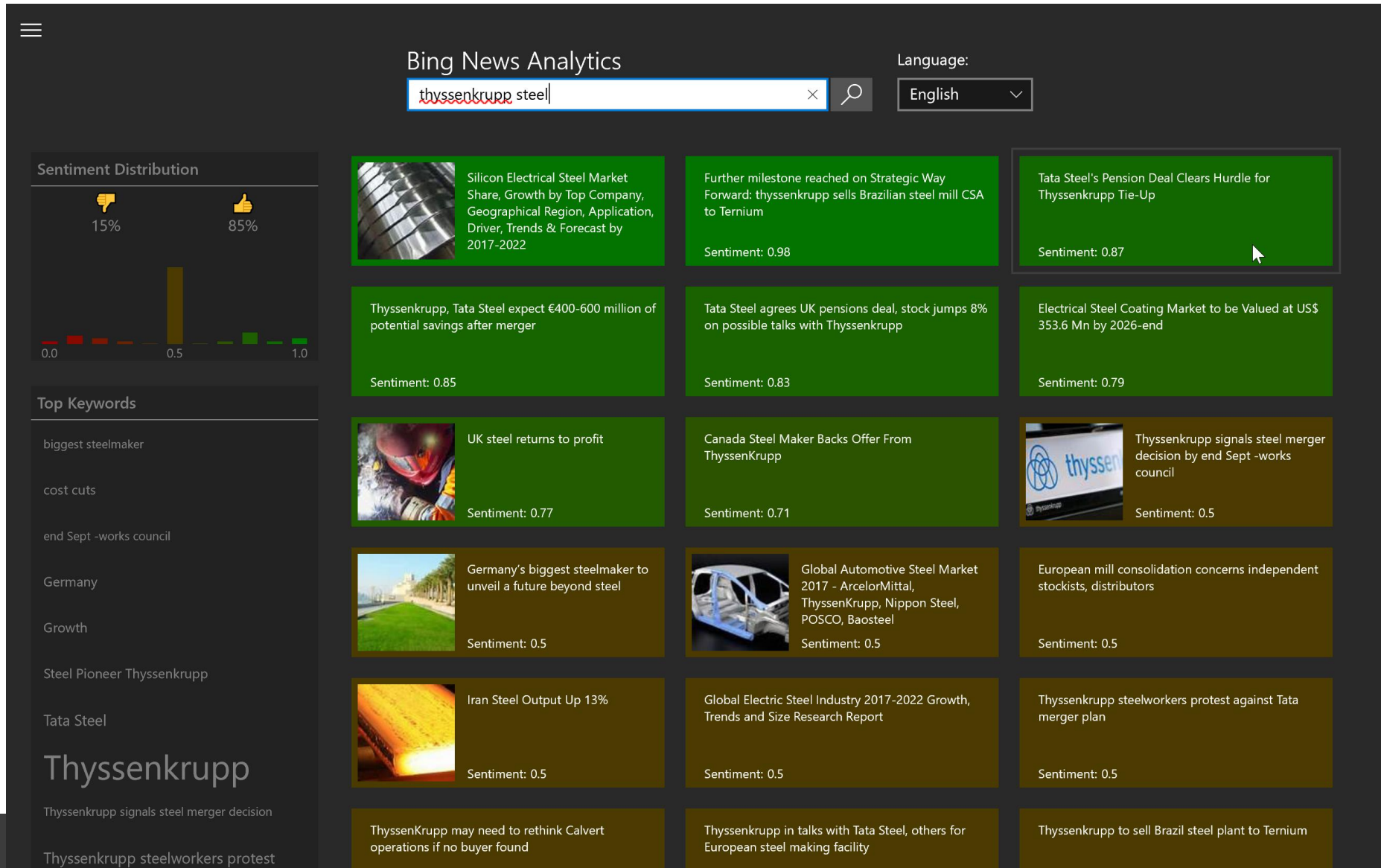
#IntelligentKiosk

Microsoft

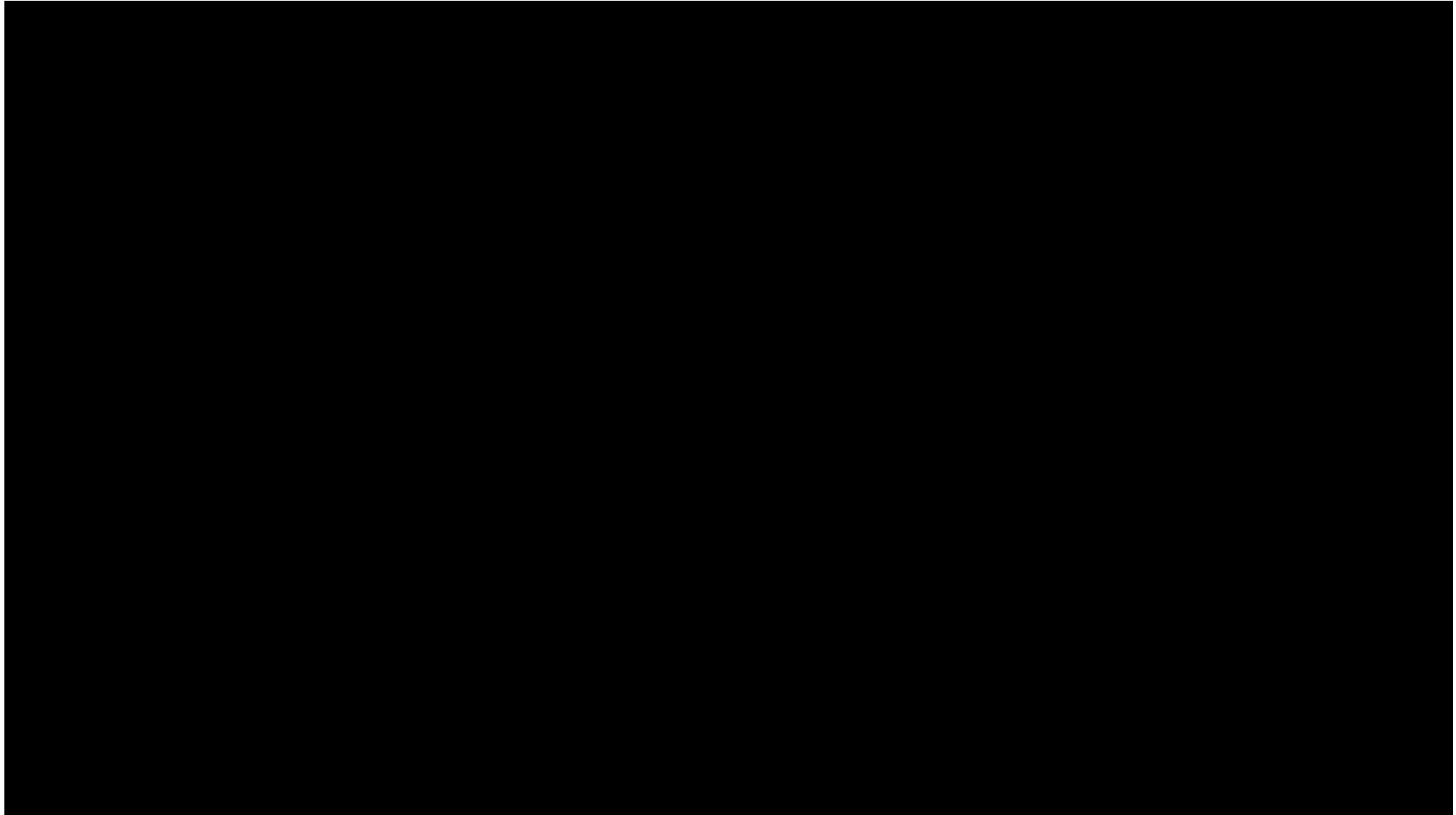
Powered by Microsoft Cognitive Services
P.S. Wir speichern die Fotos nicht



Kiosk (Cognitive Services)



Cognitive Services Blind Man App



Cognitive Services Mc Donalds



Cognitive Services: LUIS

Geben Sie einen Befehl ein, um das Licht zu steuern:

Übermitteln

ODER wählen Sie einen der folgenden Befehle:

turn the right light on

switch all lights to green

turn on the left light

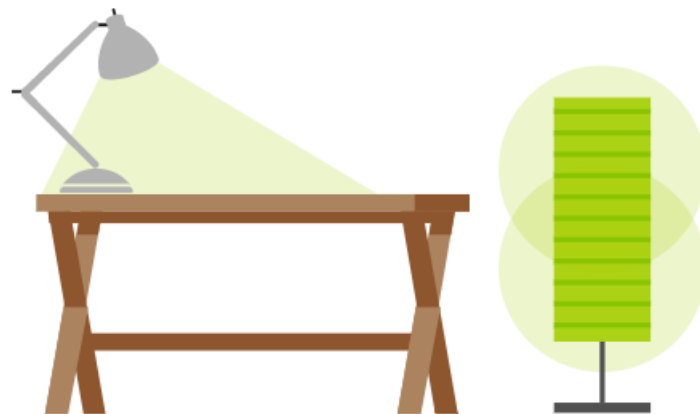
all on

switch floor lamp to green

turn the table light off

all lights off

Intelligente Lichtsteuerung 

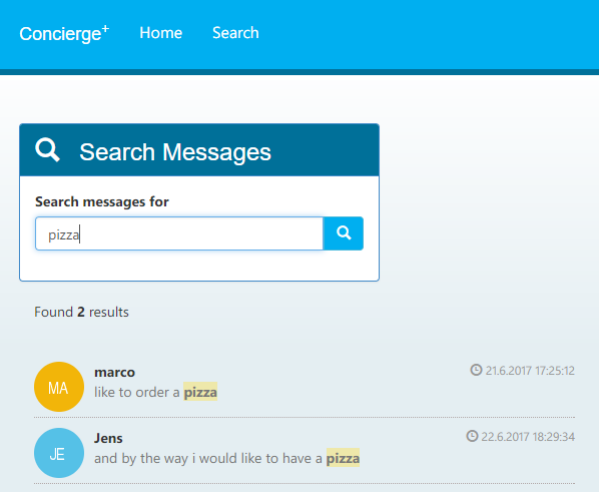
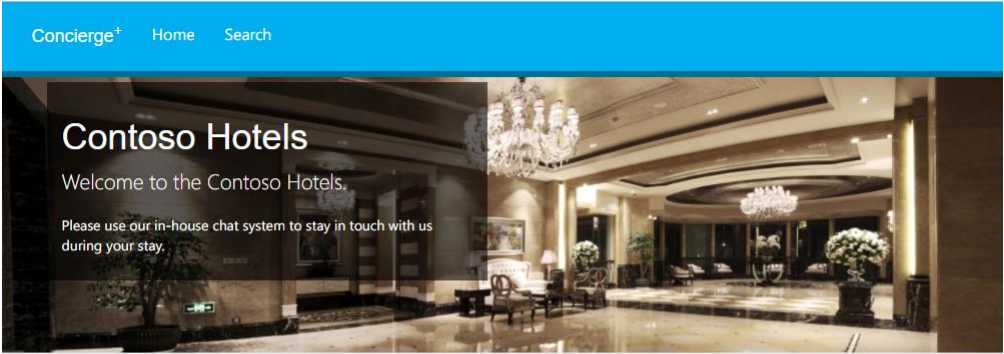


Antwort der LUIS-Anwendung 

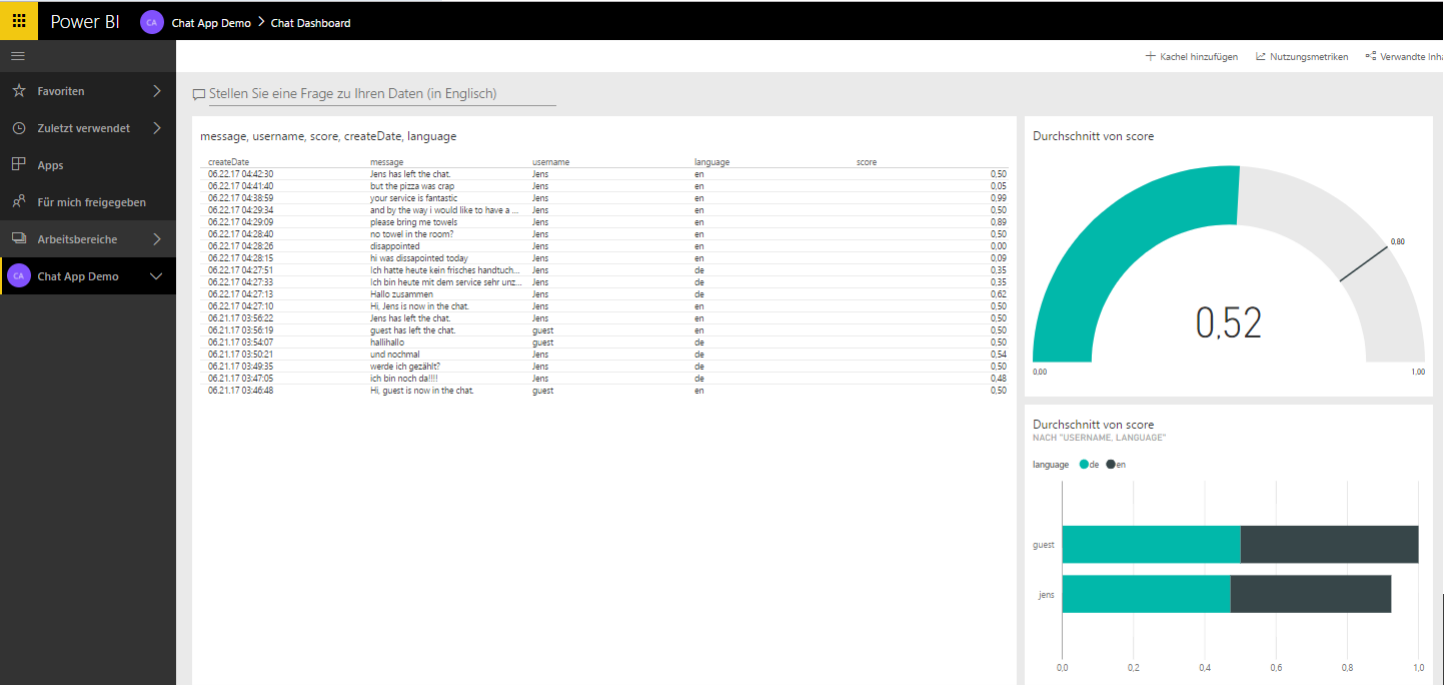
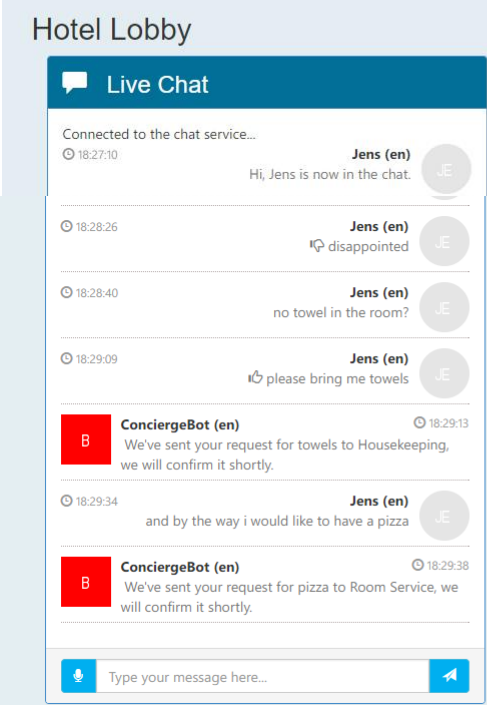
```
{
  "query": "turn on lights green",
  "topScoringIntent": {
    "intent": "TurnAllOn",
    "score": 0.992882669
  },
  "entities": [
    {
      "entity": "green",
      "type": "Color",
      "startIndex": 15,
      "endIndex": 19,
      "resolution": null,
      "score": 0.5634364
    }
  ]
}
```

Durch Hochladen von Daten für diese Demoversion stimmen Sie zu, dass Microsoft diese Daten speichern und zur Verbesserung von Microsoft-Diensten wie z.B. dieser API verwenden darf. Zum Schutz Ihrer Privatsphäre ergreifen wir Maßnahmen, um Ihre Daten zu anonymisieren und sicher zu speichern. Wir werden Ihre Daten nicht veröffentlichen oder anderen Personen die Nutzung Ihrer Daten gestatten.

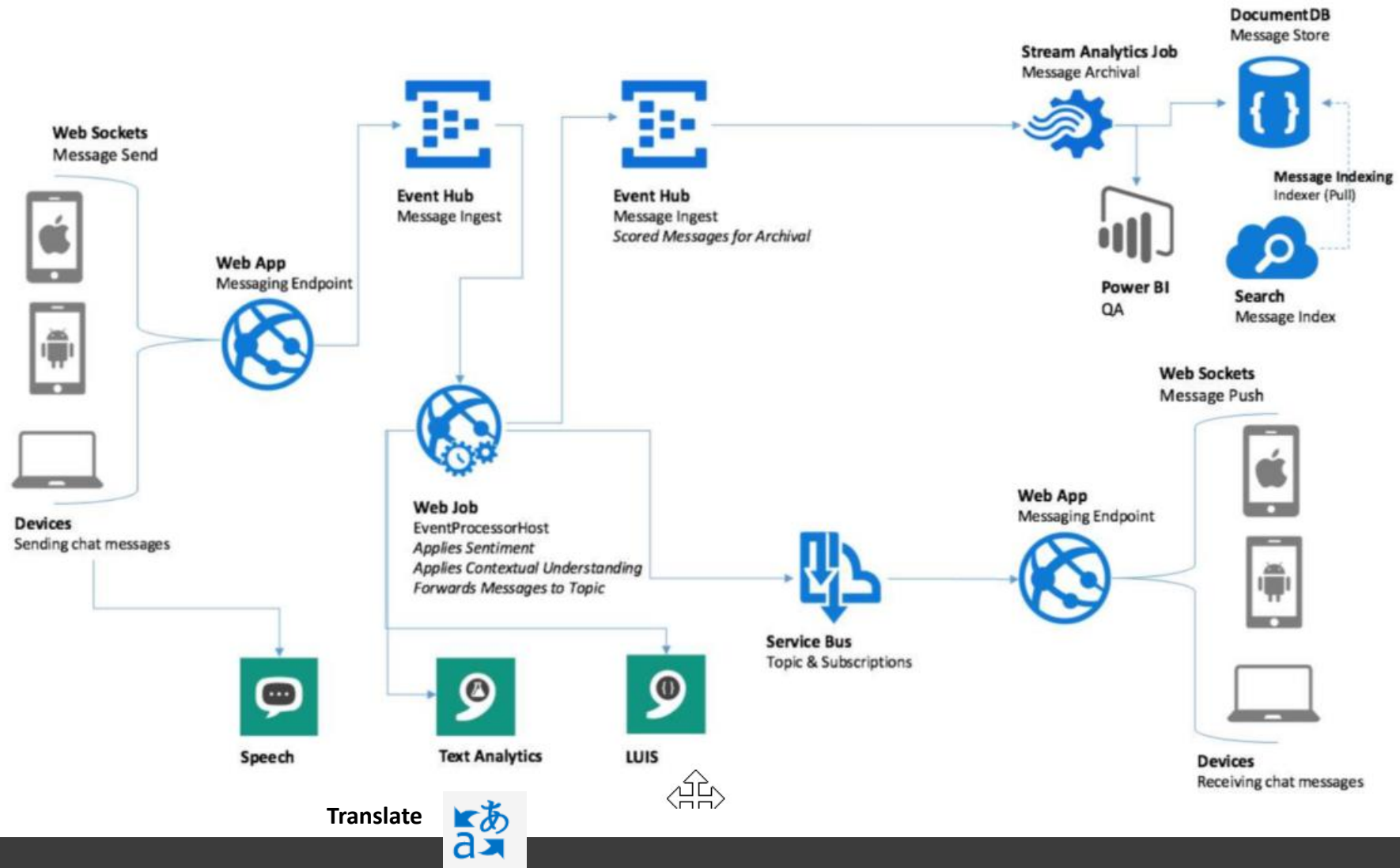
ORAYLIS InnovationLab AI – Hotel Chat with Cognitive Services



Save	Discard	Delete	Rea
☐	Utterance text		
☐	have a [towel]		
☐	have a [pizza]		
☐	bring me [towels]		
☐	bring me [blankets]		
☐	bring me [toothpaste]		
☐	order a [soda]		
☐	order me a [pizza]		
☐	order a [pizza]		



Architecture



OrderIn

Here you are in full control of this intent; you can manage its utterances, used entities and suggested utterances ... [Learn more](#)

Utterances (8) Entities in use (2) Suggested utterances

Type a new utterance & press Enter ...

Save Discard Delete Reassign Intent			Labels view (Ctrl+E):	Entities	Search in utterances ...	
☐	Utterance text	Predicted Intent				
☐	have a [\$RoomService::RoomItem]	1 OrderIn				
☐	have a [\$RoomService::FoodItem]	1 OrderIn				
☐	bring me [\$RoomService::RoomItem]	1 OrderIn				
☐	bring me [\$RoomService::RoomItem]	1 OrderIn				
☐	bring me [\$RoomService::FoodItem]	1 OrderIn				
☐	order a [\$RoomService::FoodItem]	1 OrderIn				
☐	order me a [\$RoomService::FoodItem]	1 OrderIn				
☐	order a [\$RoomService::FoodItem]	1 OrderIn				

🕒 17:16:44

klaus (de)
ich hätte gerne einen stuhl



Abfrage LUIS

```
private async Task<LuisResponse> GetIntentAndEntities(string messageText)
{
    string mlang = await GetTextLanguage(messageText);
    string tMsg = await TranslateMessage(messageText, mlang, "en");

    LuisResponse result = null;
    using (var client = new HttpClient())
    {
        client.BaseAddress = new Uri(_luisBaseUrl);
        string queryUri = string.Format(_luisQueryParams, _luisAppId, _luisKey, Uri.EscapeDataString(tMsg));
        HttpResponseMessage response = await client.GetAsync(queryUri);
        string res = await response.Content.ReadAsStringAsync();
        result = JsonConvert.DeserializeObject<LuisResponse>(res);

        Console.WriteLine("\nLUIS Response:\n" + res);
    }
    return result;
}
```

Ergebnis LUIS

```
class LuisResponse
{
    public string query;
    public Intent topScoringIntent;
    public Intent[] intents;
    public LuisEntity[] entities;
}
```

Interpretation des Ergebnisses von LUIS

```
private void HandleIntent(LuisResponse intent, MessageType msgObj)
{
    var primaryIntent = intent.topScoringIntent;
    var primaryEntity = intent.entities.FirstOrDefault();
    if (primaryIntent != null && primaryEntity != null)
    {
        if (primaryIntent.intent.Equals("OrderIn") && primaryIntent.score > 0.75)
        {
            //Detected an actionable request with an identified entity
            if (primaryEntity != null && primaryEntity.score > 0.5)
            {
                String destination = primaryEntity.type.Equals("RoomService::FoodItem") ? "Room Service" : "Housekeeping";
                String generatedMessage = string.Format("We've sent your request for {0} to {1}, we will confirm it shortly.", primaryEntity.entity, destination);
                SendBotMessage(msgObj, generatedMessage);
            }
            else
            {
                //Detected only an actionable request, but no entity
                String generatedMessage = "We've received your request for service, our staff will followup momentarily.";
                SendBotMessage(msgObj, generatedMessage);
            }
        }
    }
}
```

„Cloud“, „Mobile“, „America“ „AI“ first

vision statement in the company's annual report for 2017 fiscal year:

Microsoft is a technology company whose mission is to empower every person and every organization on the planet to achieve more. We strive to create local opportunity, growth, and impact in every country around the world. Our strategy is to build **best-in-class platforms and productivity services for an intelligent cloud and an intelligent edge infused with artificial intelligence (“AI”)**.



Künstliche Intelligenz gehört für viele Deutsche schon zum Alltag. Doch das Potenzial der Technologie ist längst nicht ausgeschöpft. colourbox.de

Experte **Markus Weingran und Stefan Schmidbauer**

Samstag, 19.08.2017, 09:55

Selbstfahrende Autos, clevere Thermostate und denkende Staubsauger: Künstliche Intelligenz gehört für viele Deutsche schon zum Alltag. Doch das Potenzial der Technologie ist längst nicht ausgeschöpft. Wie Anleger jetzt vom Roboter-Boom profitieren.

Noch können wir uns kaum ausmalen, was mit Künstlicher Intelligenz (KI) eines Tages möglich sein wird. Schon jetzt fließt mehr und mehr Kapital in Forschungsprojekte und Firmen, die sich auf Vernetzung und maschinelles Lernen spezialisiert haben.

Die Experten des Datenportals Statista schätzen, dass in den kommenden drei Jahren allein satte drei Billionen Dollar in das Internet der Dinge und KI investiert werden. Als Zahl: 3.000.000.000.000.

Auch hinter den Smartphone- und Heim-Assistenten Siri und Alexa steckt Künstliche Intelligenz. Ohne maschinelles Lernen wäre es den Programmen unmöglich, unsere Sprache zu erkennen. Auch die Thermostate der **Google**-Tochter Nest regeln die **Temperatur** im Haus irgendwann von allein, sobald die Maschine genügend über die Vorlieben der Hausbewohner gelernt hat.

Ein Beispiel: Nvidia, zuvor hauptsächlich für Grafikprozessoren bekannt, bietet inzwischen maßgeschneiderte Prozessoren für KI-Anwendungen an. Die Aktie hat allein in diesem Jahr um 53,25 Prozent zugelegt, das Plus auf 12 Monate beträgt gar 169,55 Prozent.

Wenn Künstliche Intelligenz der Goldrausch ist, dann verkaufen Firmen wie Nvidia die Schaufeln und Spitzhacken. In solche Titel drängt derzeit so gut wie jeder Investor.

Und das beste: Es gibt noch unentdeckte Firmen, deren Aktien auch für Privatanleger interessant sind, die in den Megatrend Künstliche Intelligenz investieren wollen.

Microsoft on Wednesday unveiled a new deep learning acceleration platform designed for real-time artificial intelligence, codenamed "Project Brainwave," at Hot Chips 2017.

The platform has three main layers:

- a high-performance, distributed system architecture;
- a hardware DNN (deep neural network) engine synthesized onto FPGAs (field programmable gate arrays); and
- a compiler and runtime for low-friction deployment of trained models.

Project Brainwave leverages the massive FPGA infrastructure from Project Catapult that Microsoft has been deploying in Azure and Bing over the past few years.



AI in Real Time

"FPGA is a way to add and apply dedicated task-specific computing power geared to deep neural nets to conventional cloud infrastructure," said Doug Henschen, principal analyst at [Constellation Research](#).

"This makes it easier to develop for conventional server capacity and let the FPGAs provide the computing power necessary for AI workloads," he told TechNewsWorld.

Attaching high-performance FPGAs directly to Microsoft's data center network lets DNNs be served as hardware microservices, calling them by a server with no software in the loop. This reduces latency and allows very high throughput.

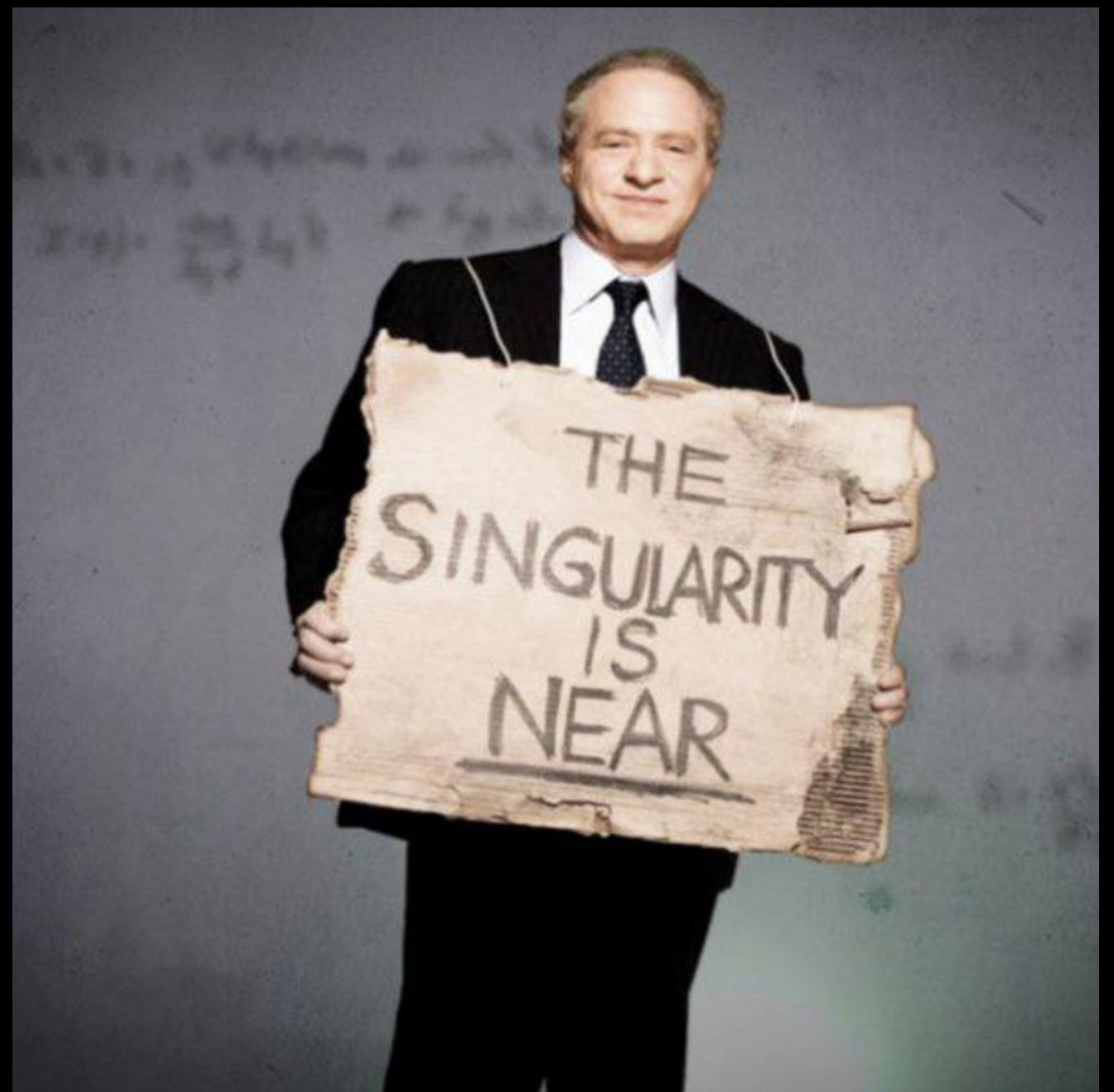
WHEN HUMANS TRANSCEND BIOLOGY

THE SINGULARITY IS NEAR

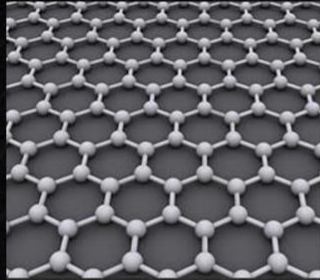


**RAY
KURZWEIL**

AUTHOR OF THE NATIONAL BESTSELLER *THE AGE OF SPIRITUAL MACHINES*



2019



Three-dimensional nanotube lattices are the dominant computing substrate



The digital world makes paper books and documents almost completely obsolete



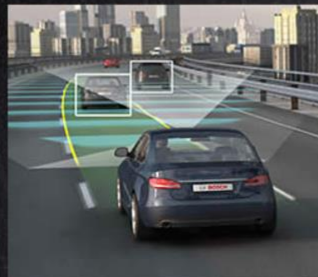
Total power of all computers is comparable to total brainpower of the human race



Computers are embedded everywhere in our environment (furniture, jewelry, walls, etc)



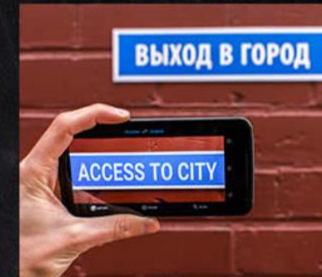
Creative AI is now capable of making complex art and music



Autonomous vehicles now dominate our roads



Humans begin to develop deep relationships with AI

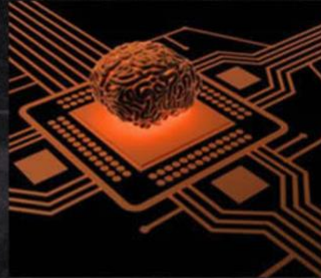


Language translation machines are now routinely used in conversation

2029



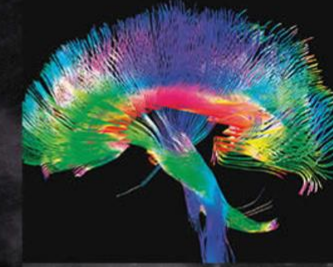
The manufacturing, agricultural and transportation sectors of the economy are almost entirely automated



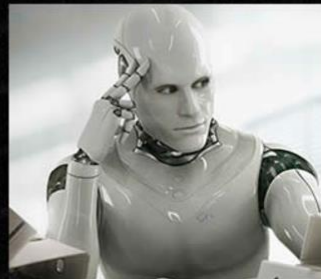
Computers are now capable of autonomously learning and creating new knowledge



A \$1,000 USD personal computer is now 1,000x more powerful than the human brain



Advanced brain mapping leads to hundreds of distinct subregions in the brain being identified



Artificial intelligences claim to be conscious and openly petition for recognition of this fact



VR eyeglasses and headphones are replaced with computer implants

2030s



Mind uploading becomes successful and perfected and humans become software based



Nanomachines are directly inserted into the brain to control incoming and outgoing signals



Brain nanobots are now capable of eliciting emotional responses from users

2040s



People spend most of their time in full-immersion virtual reality



Nonbiological intelligence is now billions of times more capable than biological intelligence

2045
THE SINGULARITY



\$1000 now buys a computer a billion times more intelligence than every human being combined

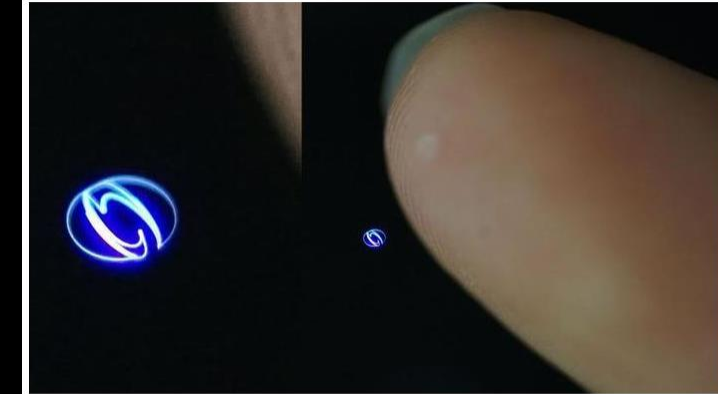


AI surpasses human beings as the smartest and most capable life forms on the planet

Fairy Lights: 3D-Hologramm zum Anfassen

02.07.2015 07:00 Uhr - Denise Bergert

vorlesen



Nutzer können mit den Hologrammen interagieren. (Bild: Yoichi Ochiai / University of Tsukuba)

Mit einem speziellen Laser-Aufbau ist es japanischen Forschern gelungen, 3D-Hologramme zu erzeugen, die in der Luft schweben und beim Berühren haptisches Feedback geben.

2049



Artificial food is commonly "assembled" by nanomachines

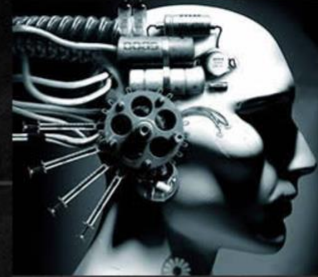


The distinction between virtual reality and "real" reality becomes confounded due to foglets (self-assembled tiny robots)

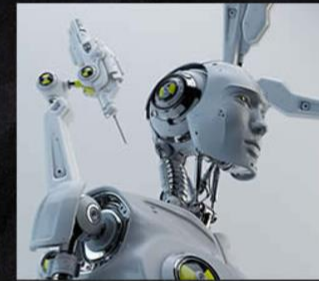
2099



Some humans at least as old as the Baby Boomers are still alive and well



Natural human thinking now possesses no advantage over computer minds

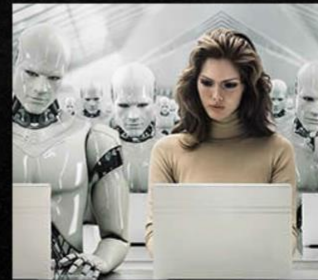


Machines have attained equal legal status with humans

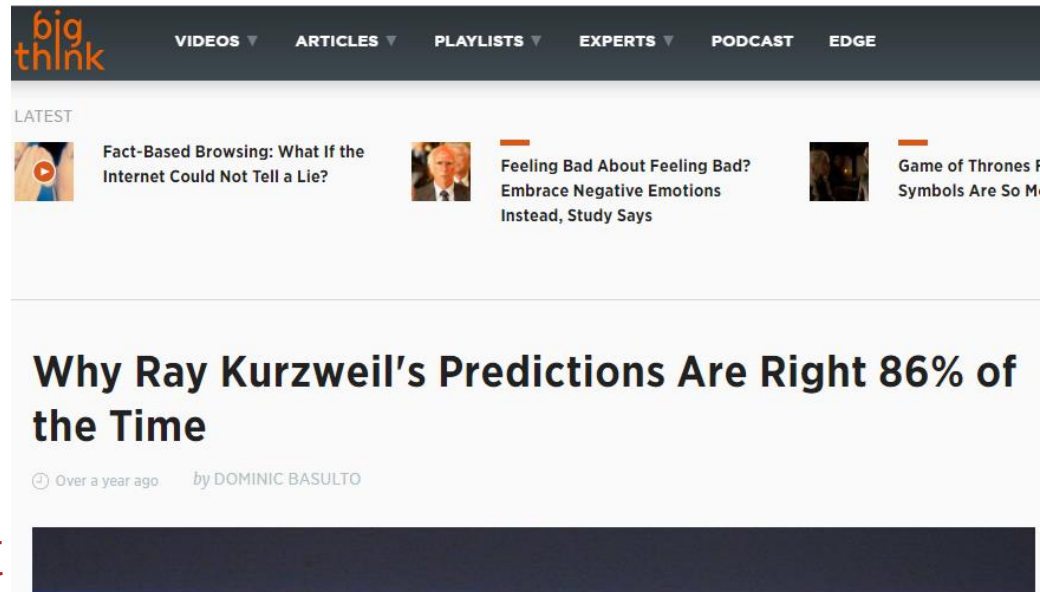
Computer viruses are a major threat since most intelligent beings are software-based



Artificial intelligences create super powerful planet-sized computers throughout the universe



Organic human beings are a small minority of the intelligent life forms on Earth



Aiaiaiai – but Ray is just

right?

APR 29, 2013 @ 06:16 PM 58,142

Interview: How Ray Kurzweil Plans To Revolutionize Search At Google



Robert Hof, CONTRIBUTOR
I cover the collision of advertising and the Internet. [FULL BIO](#)
Opinions expressed by Forbes Contributors are their own.

When Google announced in January that [Ray Kurzweil](#) would be [joining the company](#), a lot of people wondered why the phenomenally accomplished entrepreneur and futurist would want to work for a large company he didn't start.

Kurzweil's answer: No one but Google could provide the kind of computing and engineering resources he needed to fulfill his life's work. Ever since age 14, the 65-year-old inventor of everything from music synthesizers to speech recognition systems has aimed to create a true artificial intelligence, even going so far as to predict that machines would match human intelligence by 2029.



Raymond Kurzweil (Photo: Wikipedia)



How to serve AI with Data

The future of the data platform

Rohan Kumar

General Manager, Database Systems

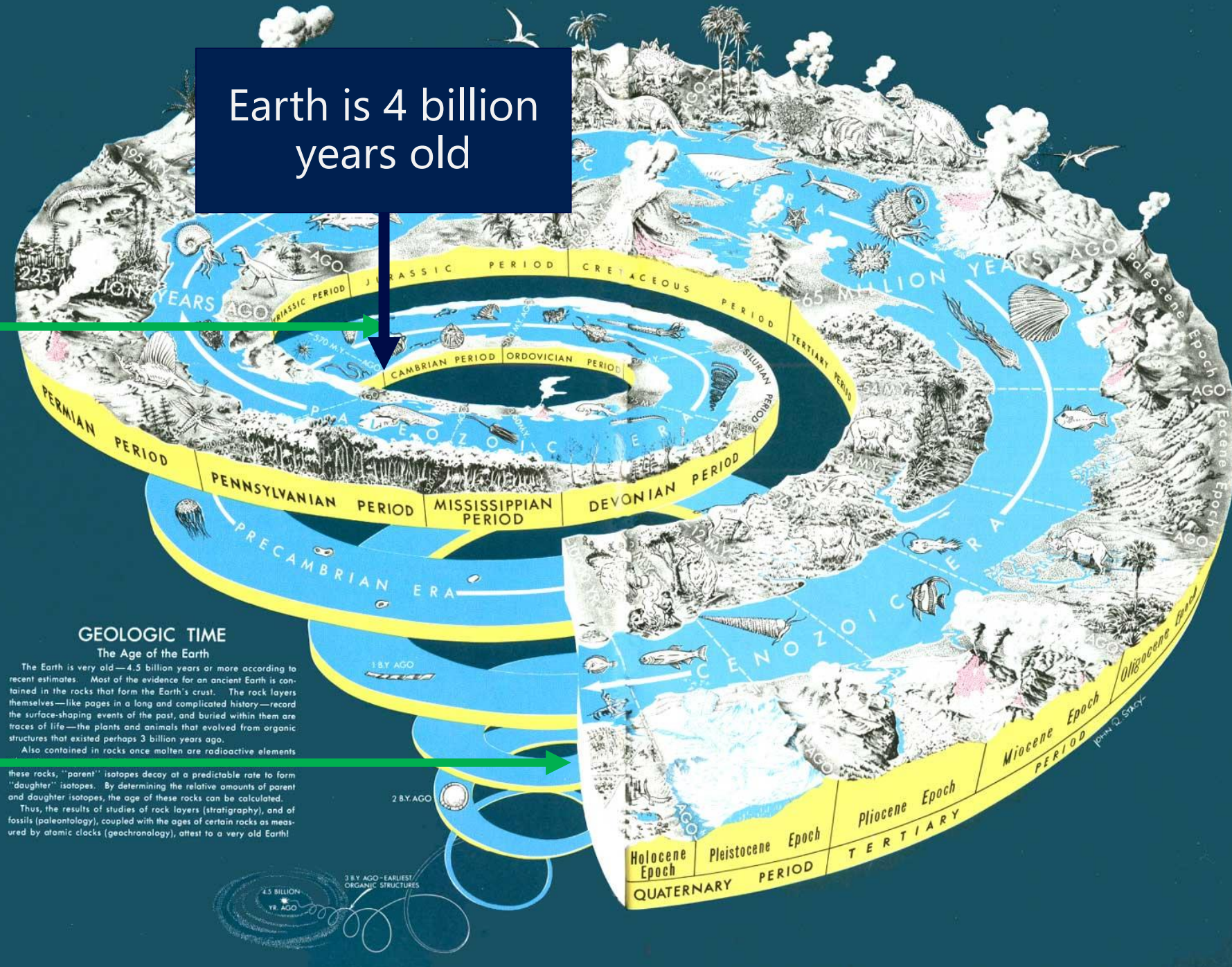


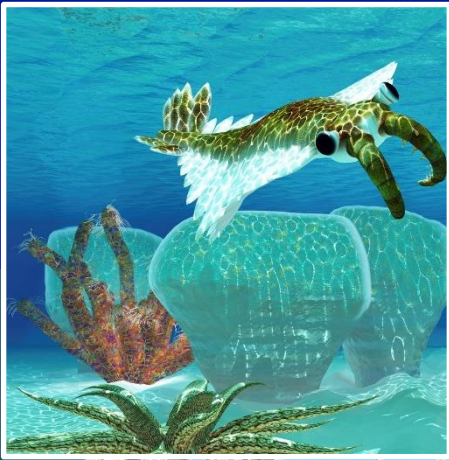
@RohanKSQL

Earth is 4 billion
years old

Evolutionary
Singularity Begins

AI Singularity
Begins





Evolution in Vision



Intelligent Cloud



Cambrian Explosion

530 Million years ago...

Intelligence Explosion

Today

2020

2040

....



Elon Musk  @elonmusk

12 Aug

OpenAI first ever to defeat world's best players in competitive eSports. Vastly more complex than traditional board games like chess & Go.



Elon Musk 

@elonmusk

 Follow

Would like to express our appreciation to Microsoft for use of their Azure cloud computing platform. This required massive processing power.

5:47 AM - Aug 12, 2017

 349  4,288  20,265 



Elon Musk 

@elonmusk

 Follow

If you're not concerned about AI safety, you should be. Vastly more risk than North Korea.

2:29 AM - Aug 12, 2017

 2,420  13,627  37,638



Putin says the nation that leads in AI 'will be the ruler of the world'

67

The Russian president warned that artificial intelligence offers 'colossal opportunities' as well as dangers

by James Vincent | @jjvincent | Sep 4, 2017, 4:53am EDT



Photo by Lintao Zhang/Pool/Getty Images

Russian president Vladimir Putin has joined the war of words concerning the international race to develop artificial intelligence. Speaking to students last Friday, Putin predicted that whichever country leads the way in AI research will come to dominate global affairs.

“Artificial intelligence is the future, not only for Russia, but for all humankind,” said Putin, reports [RT](#). “It comes with colossal opportunities, but also threats that are difficult to predict. Whoever becomes the leader in this sphere will become the ruler of the world.”

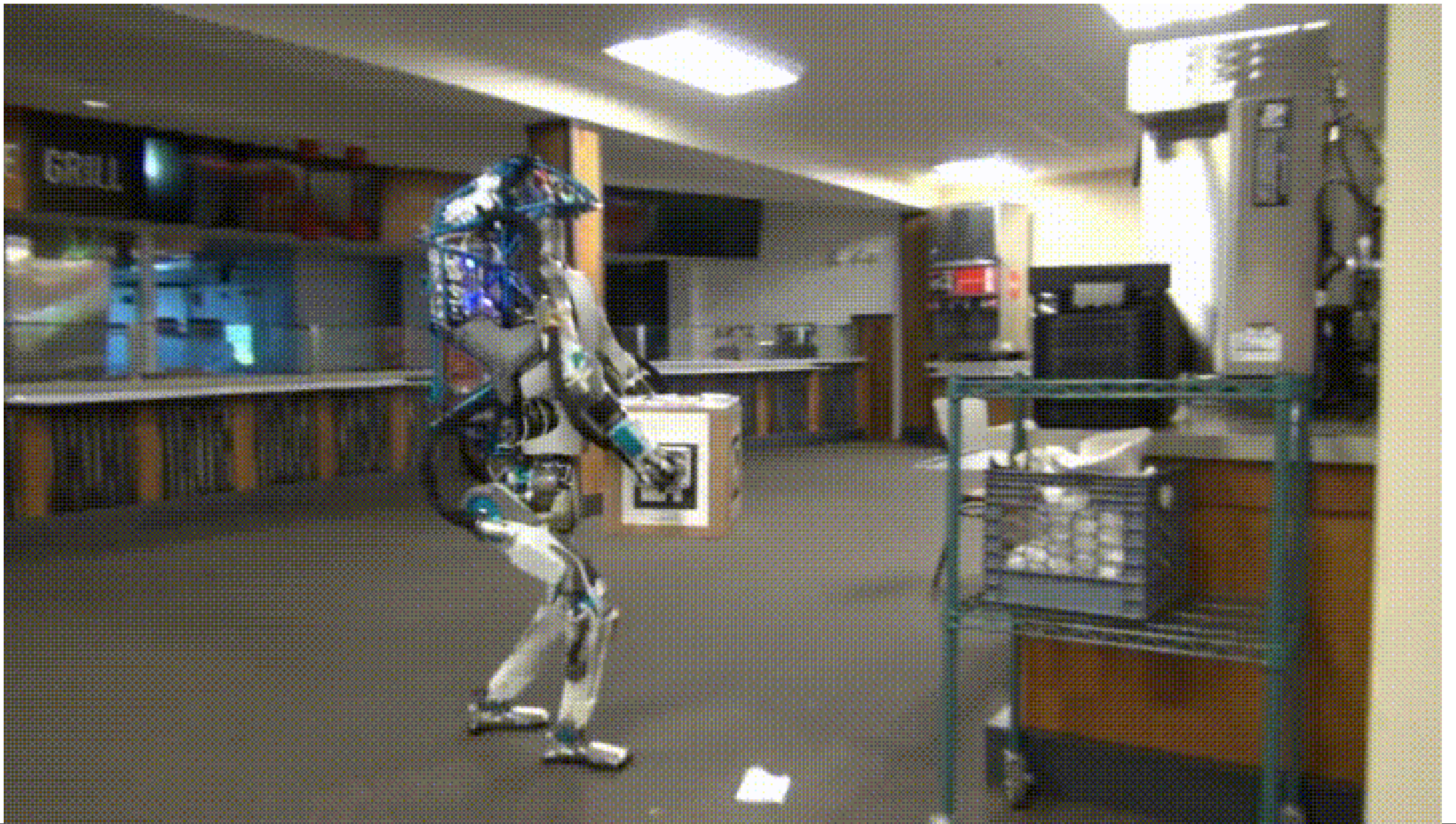


NOW TRENDING



Three things that will never be the same after the iPhone 8

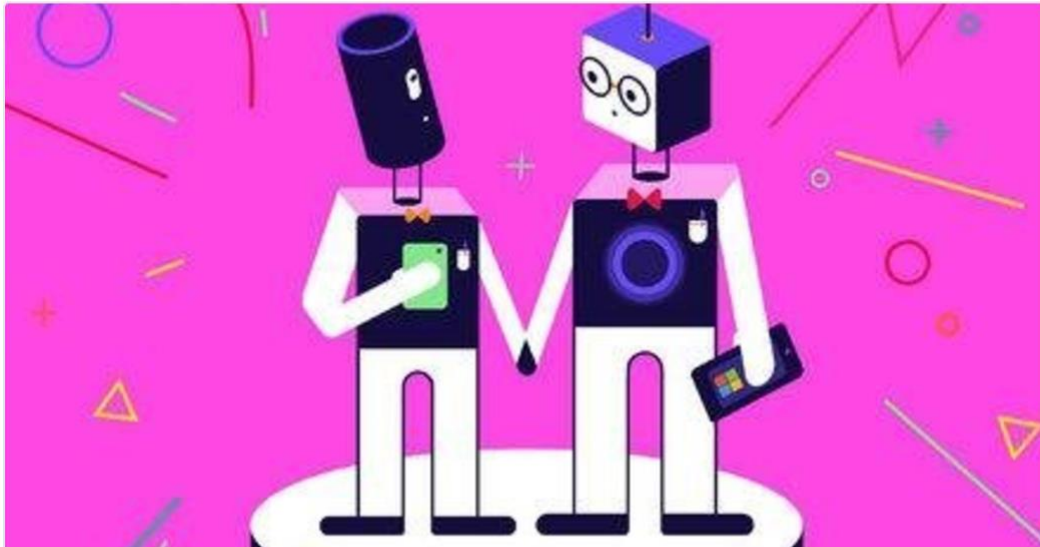




Internet of Things oder Thing on the Internet?

“Internet of Things” is not about having a little Arduino box fetch the TV schedule and sounding an alarm when your favorite show is coming on. That is cool, but it’s just a thing on the Internet.

Technology | Partnerships: Rare occasion where Microsoft and Amazon join ranks these days. What's in it when you can summon Cortana using Alexa, and vice versa, by the end of the year? And what is the role/intent of digital assistants going forward?



‘Cortana, Open Alexa,’ Amazon Says. And Microsoft Agrees.
nytimes.com

The “Internet of Things” isn’t really about things. It’s about systems. It’s about gathering information in certain contexts or even finding out about new contexts and then improving the system as a result

1 AUGUST 2017 • 10:21AM

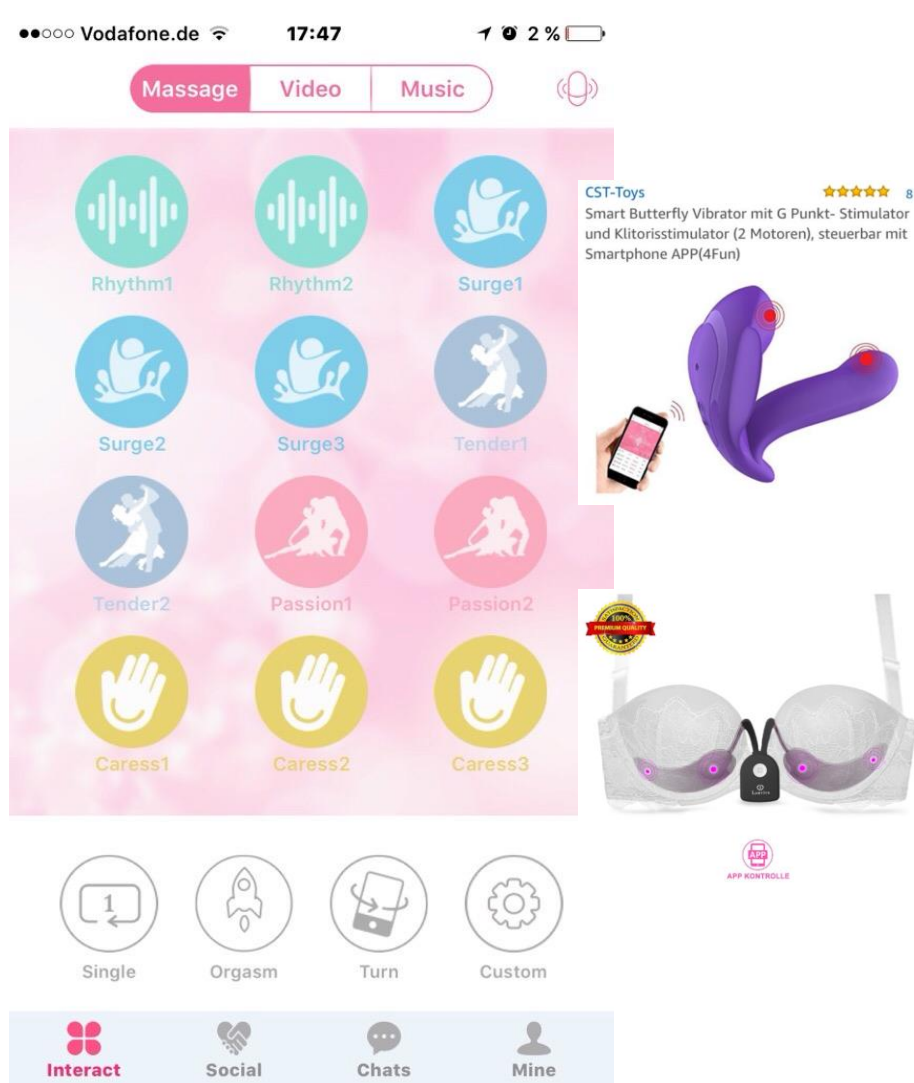
Facebook shut down a pair of its artificial intelligence robots after they invented their own language.

Researchers at Facebook Artificial Intelligence Research built a chatbot earlier this year that was meant to learn how to negotiate by mimicking human trading and bartering.

But when the social network paired two of the programs, nicknamed Alice and Bob, to trade against each other, they started to learn their own bizarre form of communication.



Yes – Machines will win. But it will be „fun“ for us... to become Machines ourselves.



Could this headset help you lose weight? Cutting-edge device sends signals to the brain to shed body fat **WITHOUT** changes in diet or exercise

- Modius device sends a signal to the brain to suppress the appetite
- It also boosts fat burning and activates metabolic hormones, claim inventors
- Works by targeting the hypothalamus region of the brain that regulates hunger
- Wearers can burn up to 16% of their body fat - though 8-10% is average
- Inventor Dr Jason McKeown claims it reduced his body fat by 44%

By CLAUDIA TANNER FOR MAILONLINE
PUBLISHED: 22:00 BST, 7 August 2017 | UPDATED: 12:20 BST, 9 August 2017

1.9k shares 218 View comments

A new headset that signals the brain to suppress the appetite could be the answer to the obesity epidemic, according to its manufacturers.

The cutting-edge device, called Modius, promises to speed up metabolism and burn up to 16 per cent of a wearer's body fat - without changes in either diet or exercise.

It does this by stimulating the area of the brain - non-invasively - that controls fat storage.

As a result the user loses **weight** and increases lean muscle - with the biggest effect on the trunk, it is claimed.



Modius is a non-invasive brain stimulating headset that targets the area of the brain that controls fat storage

Would YOU have an E-spot implant? Scientists build orgasm machine that delivers a climax at the push of a button

- A surgeon in Winston-Salem, North Carolina, came up with the idea for the device, which could be used to treat orgasmic dysfunction
- The machine includes a medical implant a little smaller than a packet of cigarettes that requires an operation to work
- Medical trials are expected to begin later this year in Minneapolis

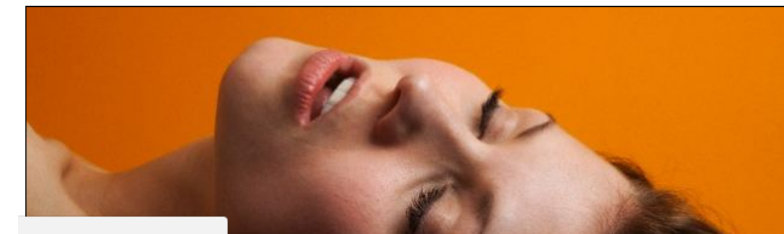
By SARAH GRIFFITHS
PUBLISHED: 11:17 BST, 5 March 2014 | UPDATED: 14:57 BST, 5 March 2014

426 View comments

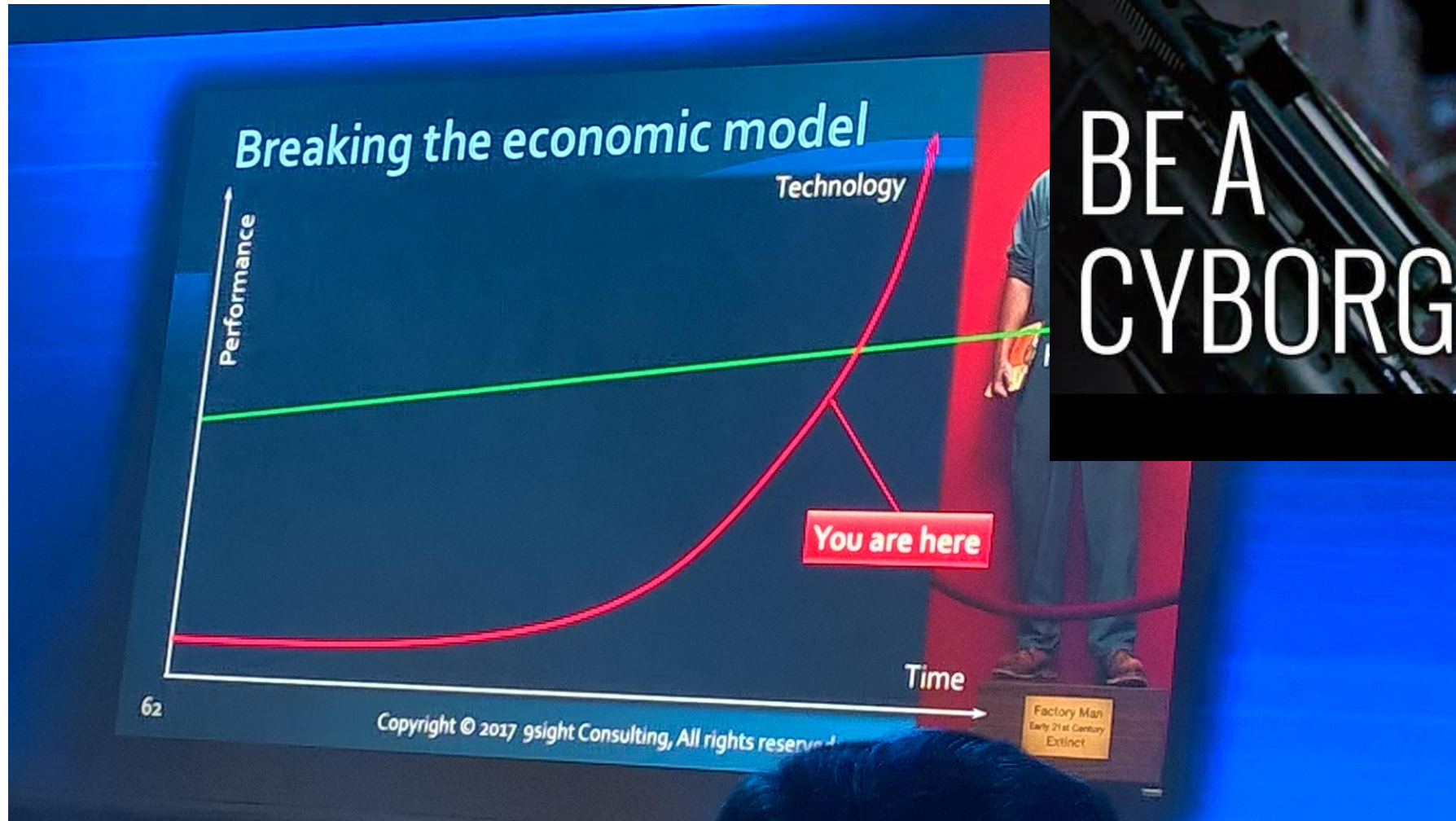
While some women can enjoy multiple orgasms a day, others can struggle to hit the spot.

Now a machine that claims to deliver an orgasm at the push of a button has been patented in the U.S., but in order to tap into such convenient pleasure, there is some pain.

The machine is designed to be a medical implant and includes an implant a little smaller than a packet of cigarettes, requiring an operation. It uses electrodes to trigger an orgasm.



Go Transhuman or be left behind?



Technology is neutral – it's up to you, the engineers to take responsibility



Innovieren – Think Big, Start Small (Fail Fast)

