

What do you think of when you hear IBM?

IBM Branch Office Berlin

Key figures

Location IBM Deutschland

Nahmitzer Damm 12

12277 Berlin

Branch head Michael A. Maier

Number of Employees

ca. 1300

Locations

Französische Str. 24, Berlin

Chausseestr. 5, Berlin



IBM Corporation

Key figures

Headquarters Armonk,

New York,

USA

CEO Virginia M.

Rometty

Revenue 2015 81,7 billion U.S. dollar

Employees 2015 ca. 380.000

Homepage IBM - United States





A Snapshot of **IBM Milestones**

This June, IBM will reach a significant milestone-its 100th anniversary. Join us in taking a look back at just a few of the historical breakthroughs that have helped IBM shape the century and the company.





IBM's punched card technology helped tackle large-scale projects like the U.S. Census.



RAMAC (Random Access Method) of Accounting and Control), the first magnetic hard disk drive. cessed the data storage industry.



IBM technology guided the Apollomission to the moon - the company has played a part in the U.S. space program since the 1950s.

1980



IBM was granted the first patent for LABIK surgery technology - and continues to hold more U.S. patents than any company.



IBM invested \$1 billion In Linux, spuring open source innovation that still reverberates around the world.



IBM's Deep Blue supercomputer: defeated the best chess. player in the world.

201



Watson supercomputer can detect rusnices. in words, irony and #ddles - and inspire new realms of search queries and artificial intelligence.

2011

1935



EWI pioneered training courses. for women so they could work in technical positions traditionally filled by men.

1961

1960



The Selectric Typewriter was an instant design sensation. delighting typists for 25 years.



(BM awated the flooply) disk, which made storage powerful and affordable - and the PC revolution possible.



By the mid-180s, IBM computers understood 5,000 spoken words at 95% accuracy; today. speech recognition is penduive at home and on the road.

1980

19 30



With global ambitions, the company renamed low! International Business Machines - today, it. operates in 170 countries.

EW's five-ton Automatic Sequence Controlled Calculator was the first machine to handle long calculations automatically.



The company mede a big bet with the System/360 - fris.safy mainframe unhered in the era of computer compatibility.

1973



Supermarkets started scarning UPC bar codes. invented by IBM. Today, they track everything from dothing to dairy cows.

1986



BM scientists won the Nobel Prize for the scanning tunnel microscope -which would evertually menipulate atoms to spell I-B-M.



IBM bunched the interestinto a tool for business and ushering in the future of electronic commerce.



IBM labs developed the magnetic strips on credit cards - x88 ubsquitous on ID cards, driven Tearnes and ATM bank cards.

1981

Smarter Planet launched to improve how the world works - now smart buoys In Instanct's Galway Bay detect pollution, protect fish stock.

2008



IBM was formed as the Computing Tabulating and Recording Company, or C-T-R, specializing in punch cards, commercial scales and docks.



IBM worked with the U.S. government to start Social Security the largest accounting project of tatime.





EM and American Aidines launched the world's first computer-driven airline reservation system, SABRE - which paved the way for online banking technology.

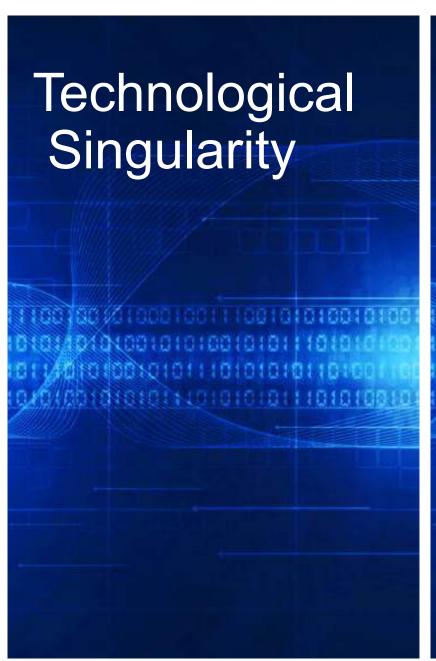


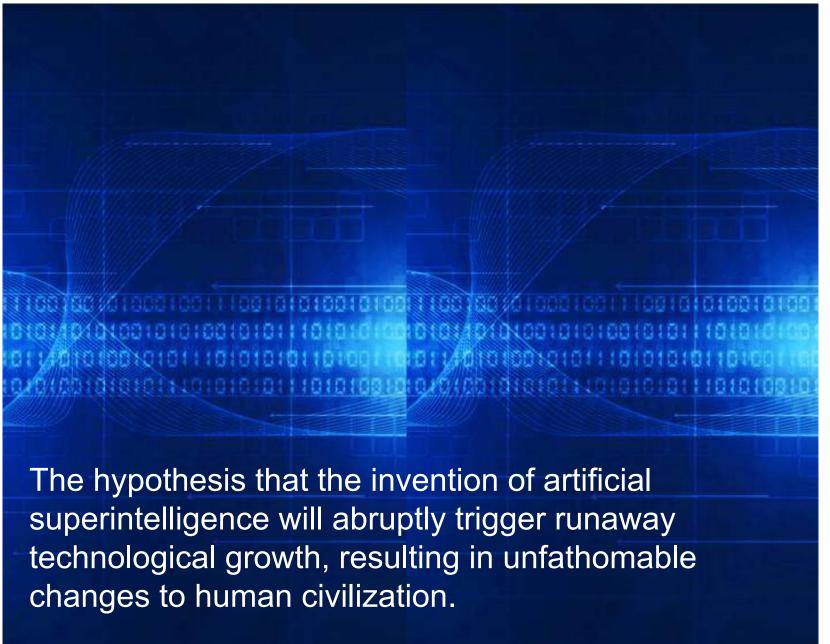
The IBM Personal Computer launched the PC revolution, helping computers go mainstream beyond hobbyists and geeks.

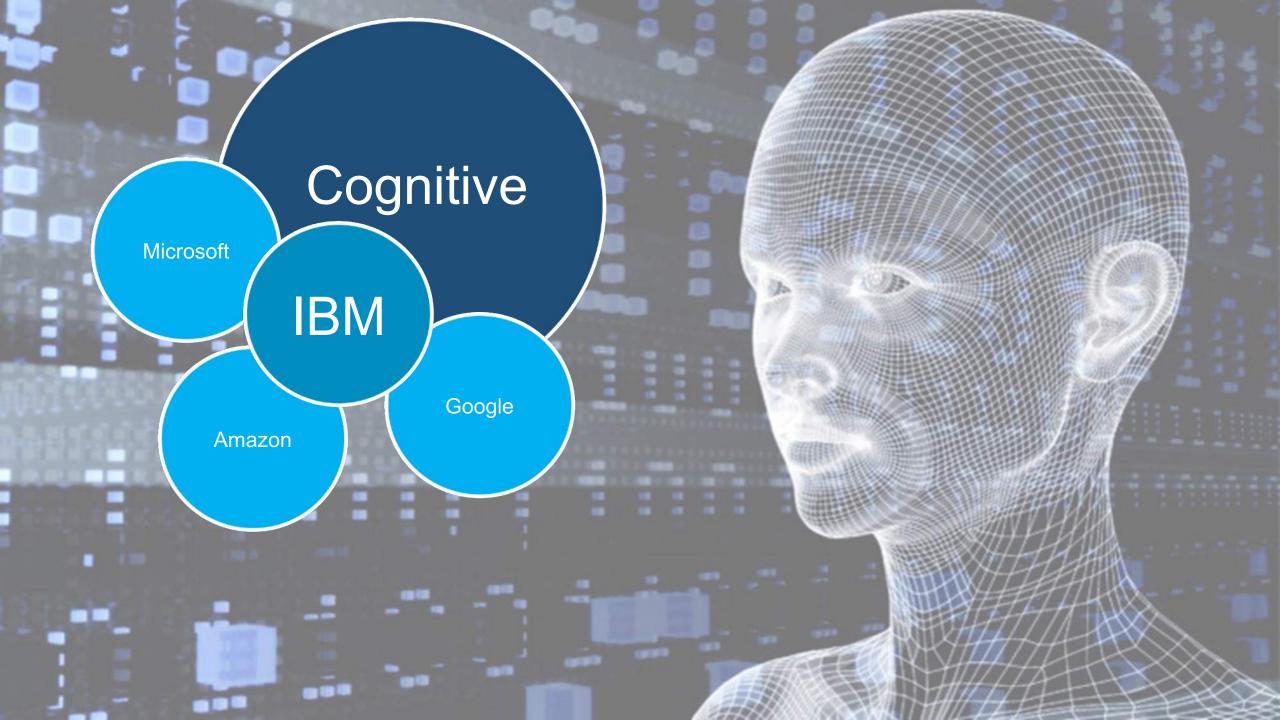
















Deutsche Fluggesellschaften in der Krise



Die Luft ist raus

Die Krise von TUIfly ist nur ein Symptom: Deutschlands Luftfahrt steht v erklärt sich der Abstieg einer Branche, die so lange für Luxus und Serv

Von David Böcking und Martin U. Müller



Prime instant video Bis 2020 überholt Streaming das klassische

Der Provider-Verband Eco sieht Netflix und andere Streaming-Angebote in einigen Jahren vor dem linearen Fernsehen. Besonders bei dem jungen Publikum setzt ein radikaler Wandel ein.

Der Trend zum Teilen

Zahl der Carsharing-Nutzer wächst











interstützen.

Deutsche Bank Is In Trouble - And Could ' wirtschaftliche Rahmenbedingungen verändern das Gesundheitswesen. eie stehen vor der Herausforderung, sich den auna weiterhin hoch

Take The Industry With It Jul.12.16 | About: Deutsche Bank (DB) Get Alerts



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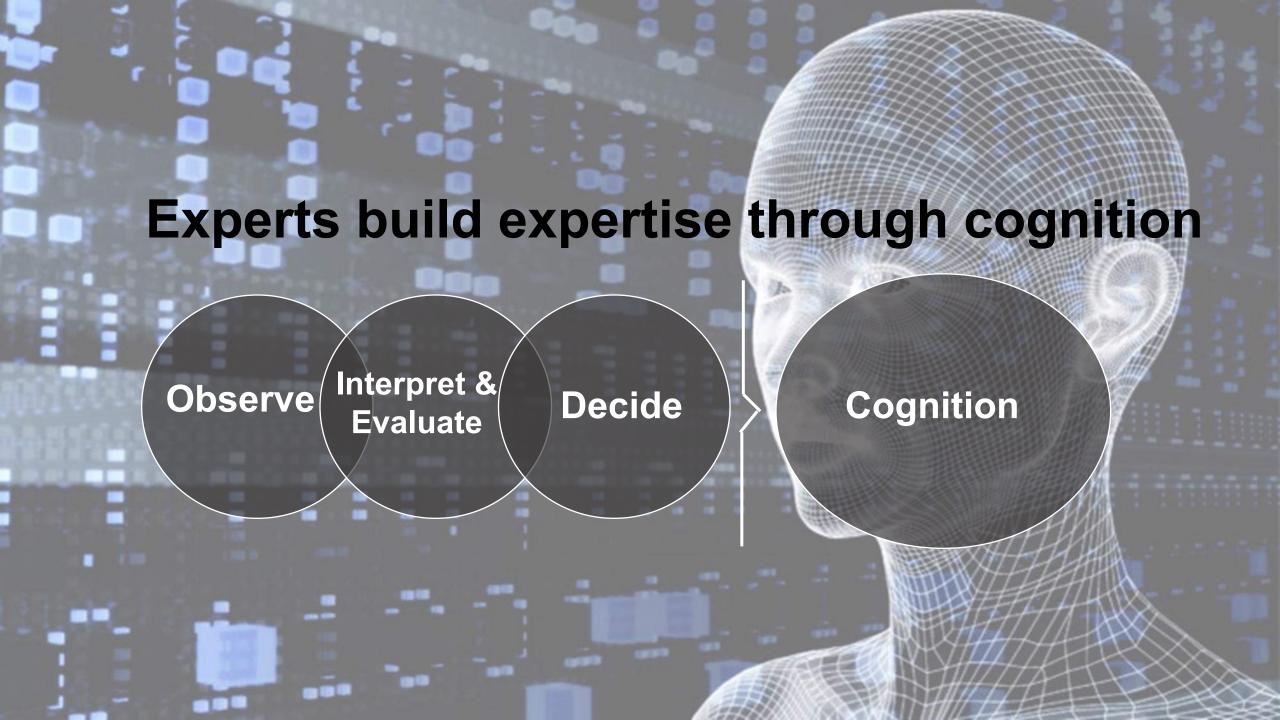










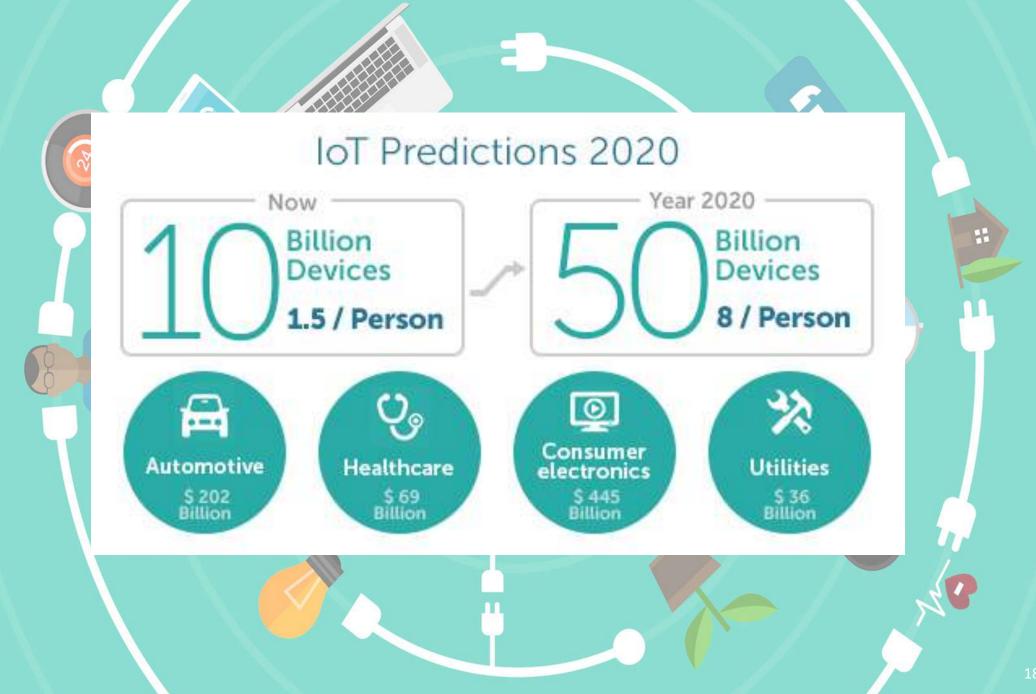


There are barriers and opportunities associated with building expertise.

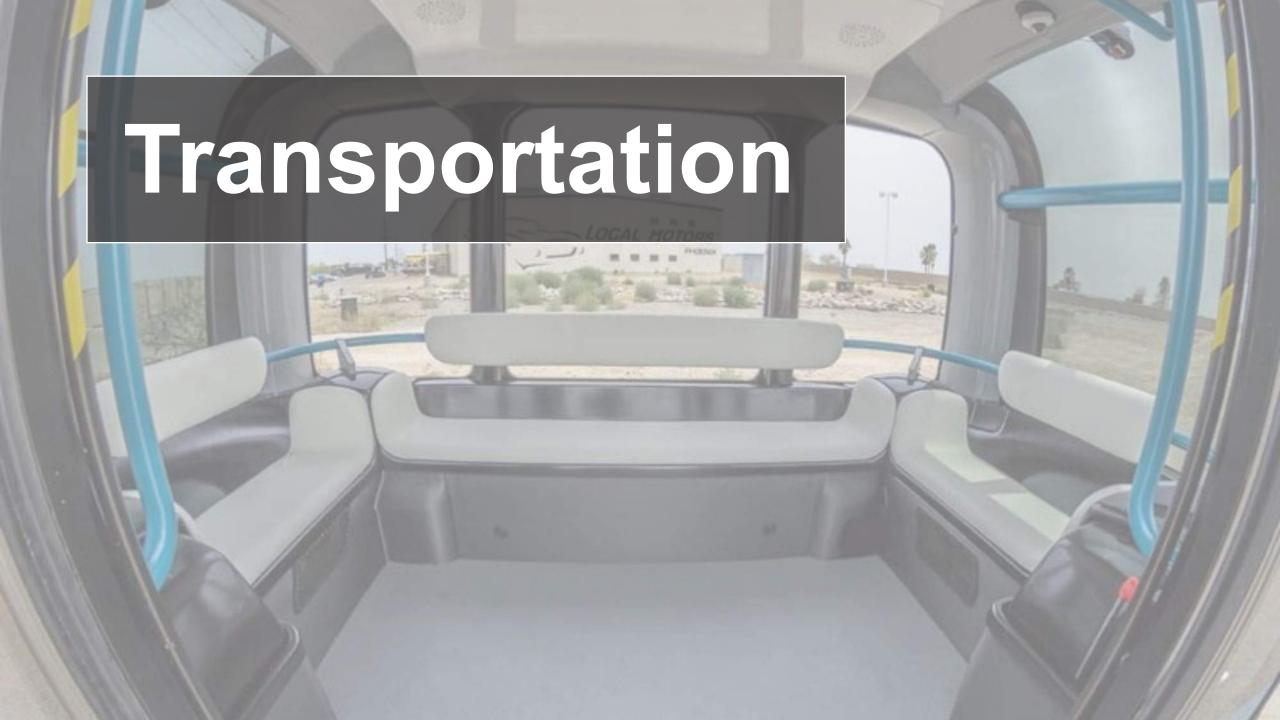


Watson is creating a new partnership between people and computers that enhances, scales and accelerates human expertise.

"We are just in firont of a New Golden Era











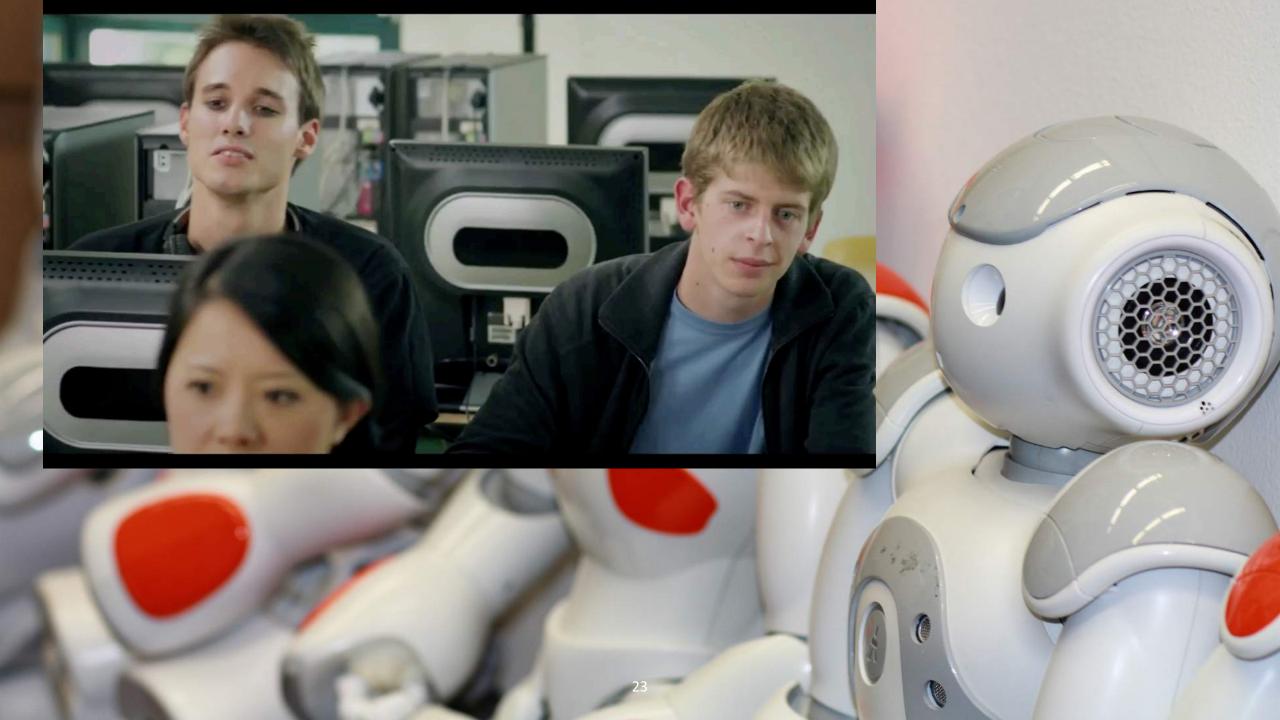
LOCAL MOTORS

- Cognitive skills of Watson
- Talks to the passenger
 - "Where can I get some food nearby?"
 - "Why are we driving slower?"
- Europe Headquarter in Berlin









Cognitoy – the IBM Watson Dino



- Based on the IBM Watson Technology
- Dino to learn content via questionresponse game with the child





Enabling ecosystems: insights, data, solutions



Insights
Cognitive & Advanced
Analytics

Individuals Researchers



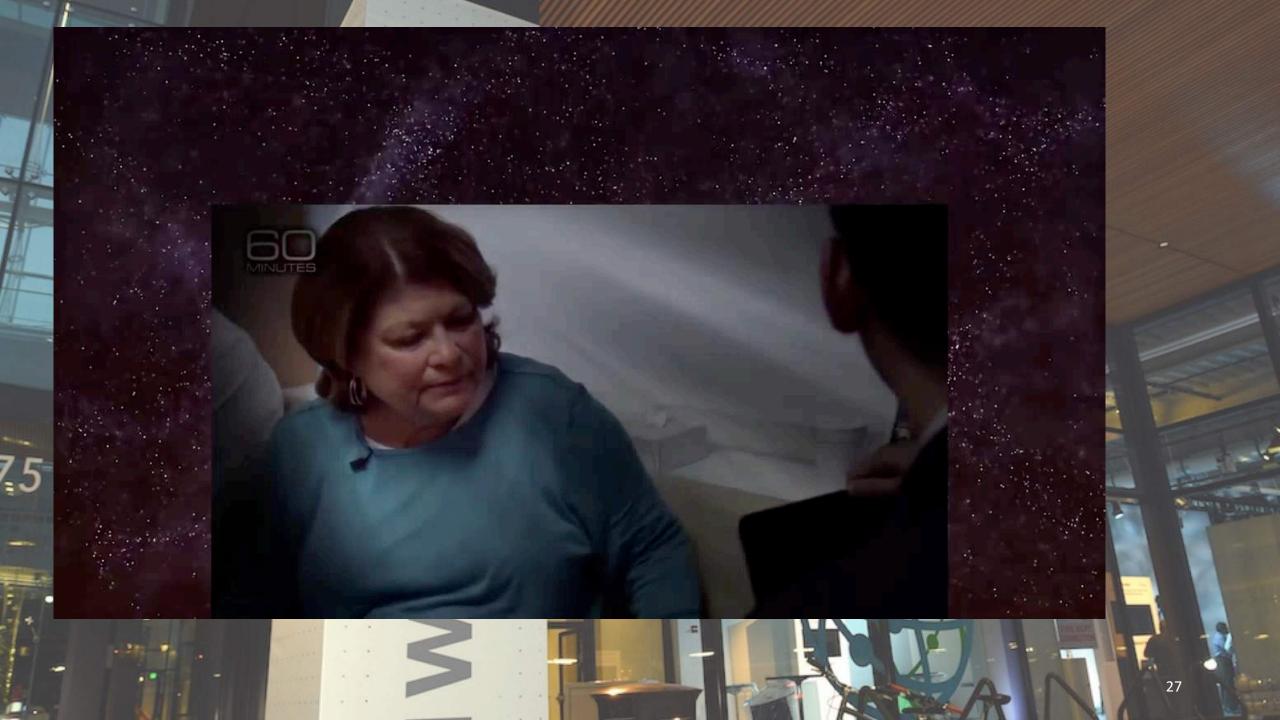
Data

Structured & Unstructured



Solutions
IBM & Ecosystem Solutions

Health Insurance
Hospitals
Pharmacist
Human Services



work together for and with our clients.

Focus areas for technology evolution



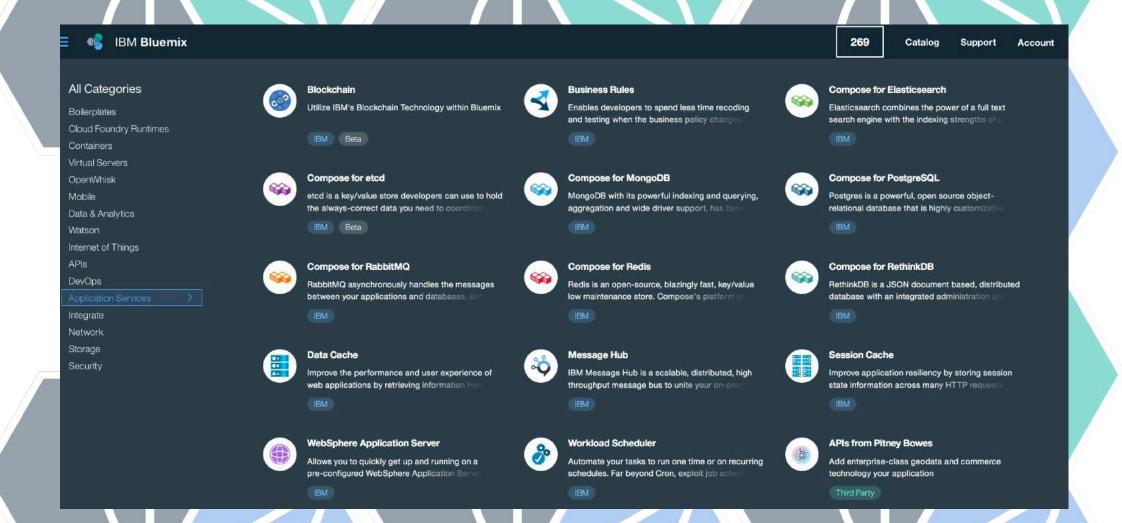
- Natural language processing
- Image & video understanding
- Reasoning algorithms
- Machine learning

- Cognitive industry solutions
- Approximate Computing
- Neuroscience
- Neurosynaptic HW architectures

Embodied cognition
Contextual user interfaces

COGNITIVE SYSTEMS

IBM Bluemix – Your development platform

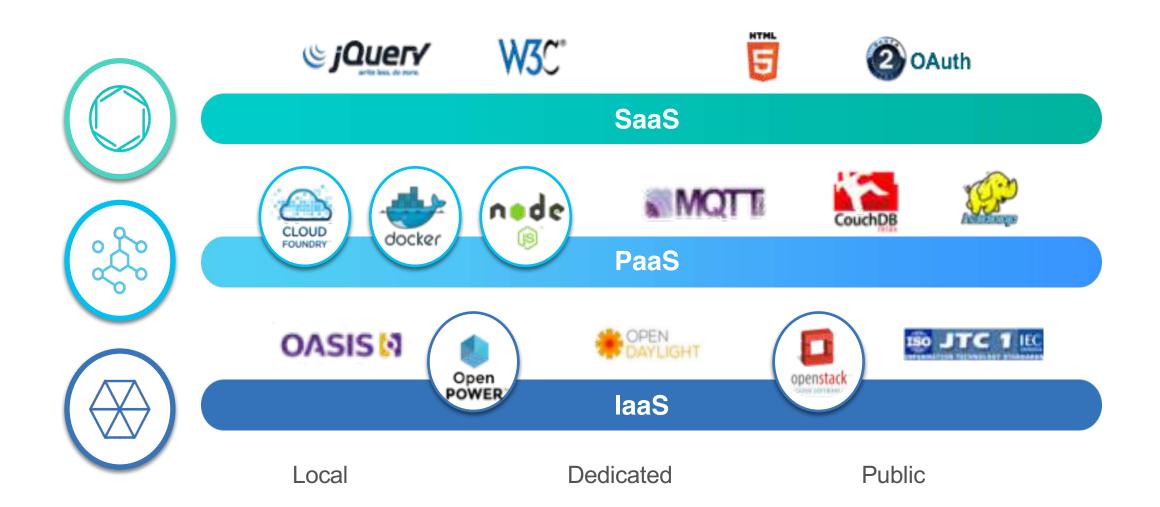


Watson-as-a-Service





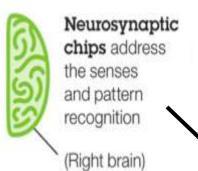
IBM Cloud is Open by Design!



New Scientific and architectural Foundations for Cognitive Business

Brain-inspired hardware architectures

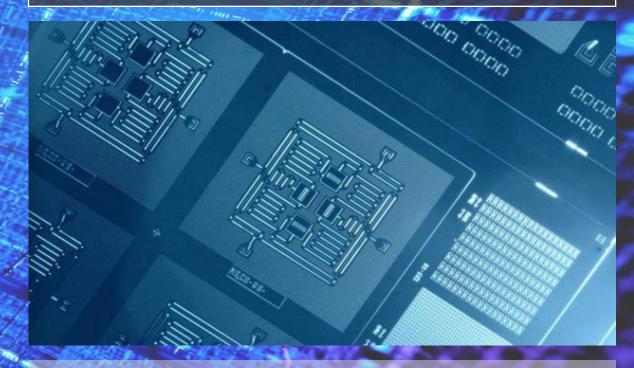
Traditional computers focus on language and analytical thinking





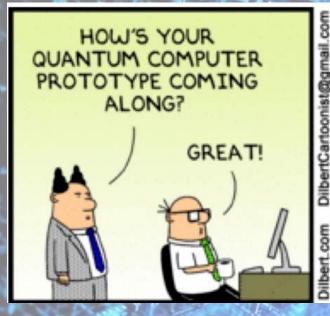
Over the coming years, IBM scientists hope to meld the two capabilities together to create a holistic computing intelligence

Quantum computers



http://www.research.ibm.com/quantum/#start

Your own experience: Quantum computers



THE PROJECT EXISTS
IN A SIMULTANEOUS
STATE OF BEING BOTH
TOTALLY SUCCESSFUL
AND NOT EVEN
STARTED.





The power of developers – YOU!

Where They Work:

Startups: 2.7M

Enterprises/SIs: 11.0M

ISVs: 6.0M

Other (students, etc): 2.4M

Cognitive: 1.2M

Java: 3.3M

JavaScript: 2.8M

Swift: 1.4M

Cognitive: 3.1M

Java: 4.6M

JavaScript: 4.2M

Swift: 2.9M

North America

4.3 M

Cognitive: 1.7M

Java: 3.7M

JavaScript: 3.2M

Swift: 2.4M

EMEA

7 M

7 M APAC

LA Cognitive: 1.4M

Java: 1.5M JavaScript: 1M

Swift: 1M

Source: Evans Data, "Global Development Survey 2016 Vol I" June 2016, Evans Data custom data cut 2/16

What They Work With:

Cognitive: 8.2M

Java: 13.1M

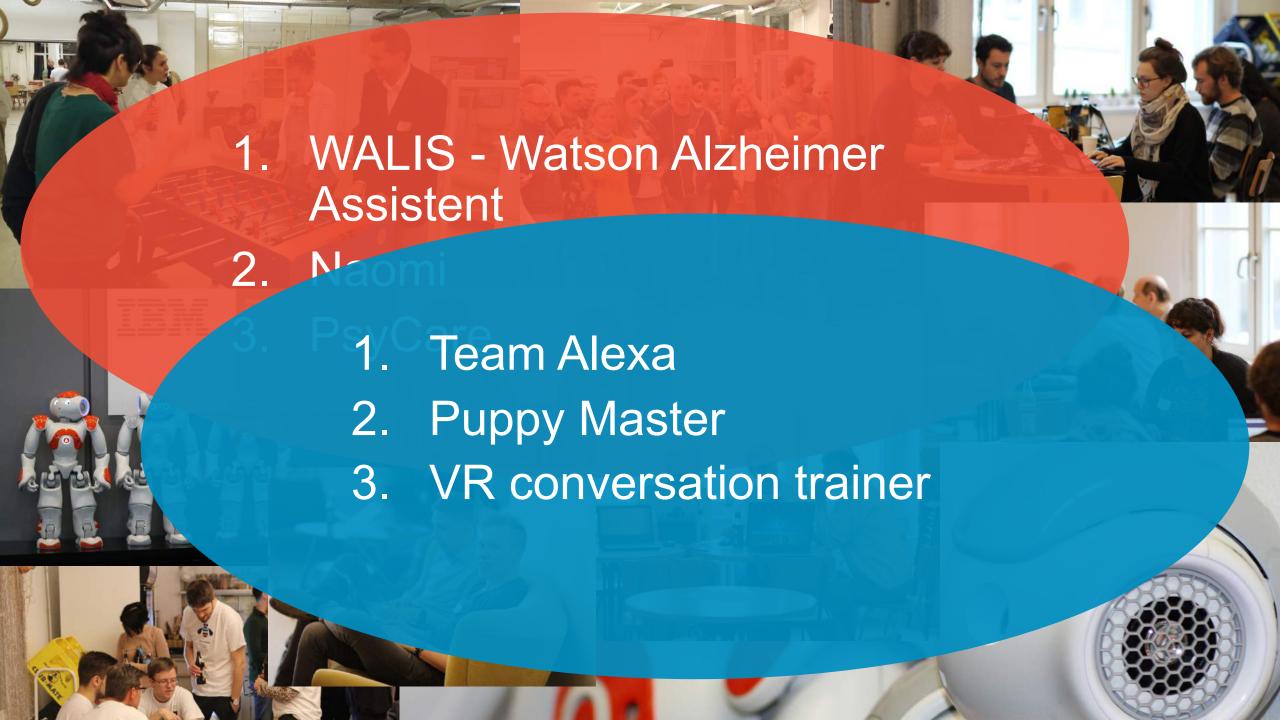
JavaScript: 11.1M

Swift: 7.7M

The power of developers – YOU!

- Developers are already using Cognitive Computing:
- 8.2 million are using Cognitive Computing
- Developers are investigating advanced technologies:
 - Augmented and Virtual Reality (75%)
 - Data Science and Machine Learning (62%)
- Developers are driving innovation





Learn more - join us

Read more

- ibm.com/cognitive/
- ibm.com/blockchain/
- developer.ibm.com/open
- Quantum experience: research.ibm.com/quantum/#start
- Developer certification: ibm.com/watson/developerconference/certification.html
- Cookbooks: developer.ibm.com/recipes/
- **GitHub:** https://github.com/IBM-Bluemix







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Thank you!