Cognitive Internet of Things

‘It is already here’

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On 27th May 1498, Vasco da Gama landed in Kappad Beach.

In May 1898 Portugal celebrated the 400th anniversary of this explorer’s arrival in India.

The evidence is still not 100% certain.
Cognition: The Way We Think.

Observe
Interpret
Evaluate
Decide

$\Delta = b^2 - 4ac$
The making of an expert
Watson scales expertise to expand what’s possible (augmented intelligence).
“We teach Watson to think like an engineer. Watson teaches us to think like a 1000 engineers from a 1000 different sources.”
How are cognitive systems different?

Can see, use and operationalize virtually all data

Are not programmed but pose hypotheses based on data patterns and probability

Can understand, reason, learn and interact with humans naturally
Watson at Work

How does KONE keep one million people moving everyday?

How do aviation mechanics solve issues 90% faster?

How does Woodside Energy access 30 years of expertise in seconds?

How does Quest Diagnostics help doctors personalize cancer care?
Enhancing the creative process

Enriching engagement and personalization

Transforming industries
IBM Watson Cognitive Internet of Things (Observe, Interpret, Evaluate, Decide)

Transform traditional business with the capabilities of IoT

- Invent new business models
- Develop differentiated solutions
- Improve operational efficiency
- Drive better customer engagement
- Utilize IBM innovation
Watson IoT Global Headquarter & Innovation Center

- Launched 15th December 2015
- More than 1000 developers, consultants researchers and designers will work together with clients and partners to develop a new generation of cognitive capabilities to connect sensors and devices in the Internet of Things
- It is also the first European Watson Innovation Center
- All solutions will be made available through the IBM Watson IoT Cloud Platform
- This initiative represents IBM’s biggest investment in Europe for over 20 years
IBM Bluemix

The most advanced cloud platform that weaves together services, infrastructure and data to rapidly bring your ideas to production.

Third-party

Open source

IBM

Your own