



Cognitive Computing

By Laura Forde

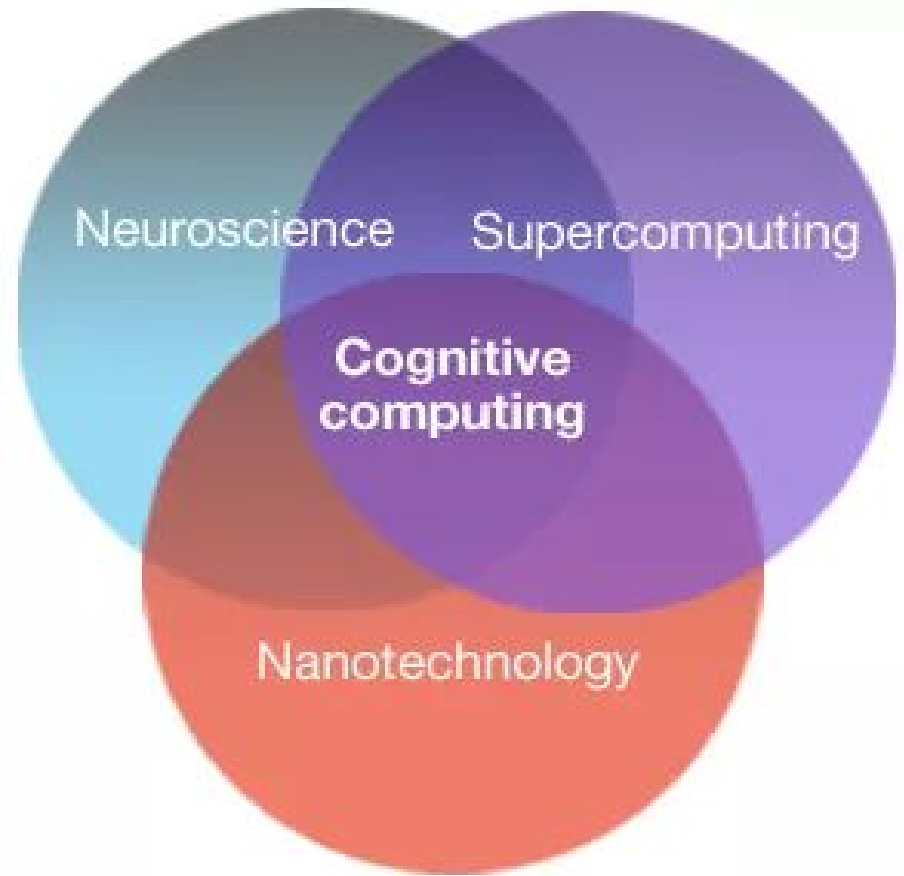
Topics to Discuss

- What is it?
- History
- IBM - Watson
- The Future
- Conclusion



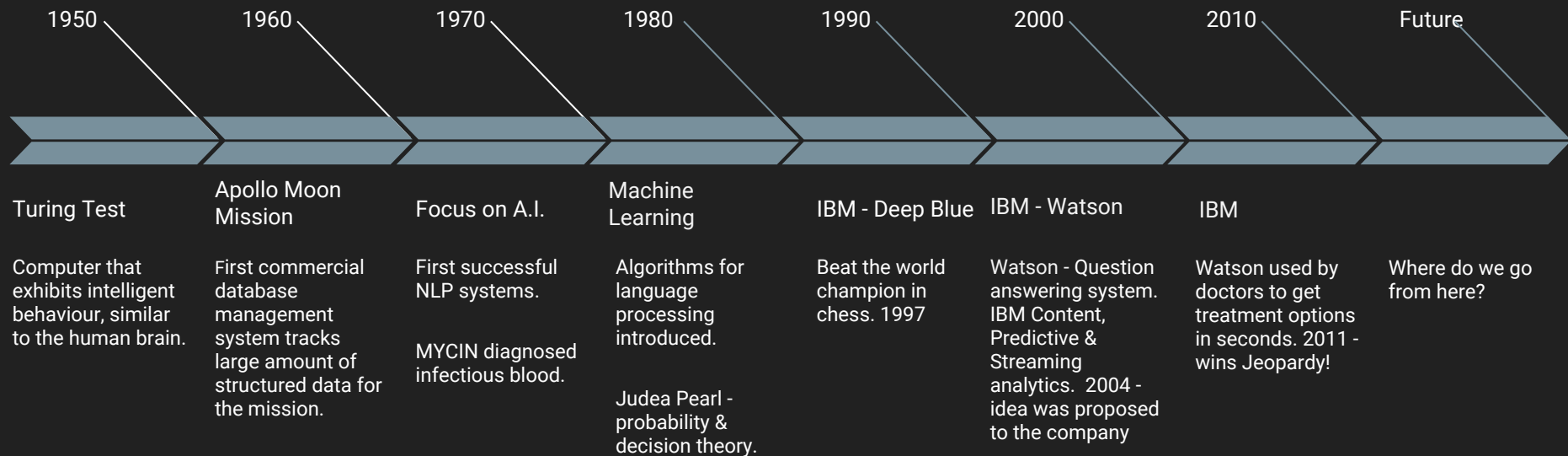


What is Cognitive Computing?



*“Systems that learn at scale,
reason with purpose and interact
with humans naturally” - IBM*

History of Cognitive Computing



How did Watson start?



Charles Lickel.

2004 - saw Jeopardy as a challenge for IBM.



IBM Research Division VP Paul Horn

Backed Lickel's idea in 2005

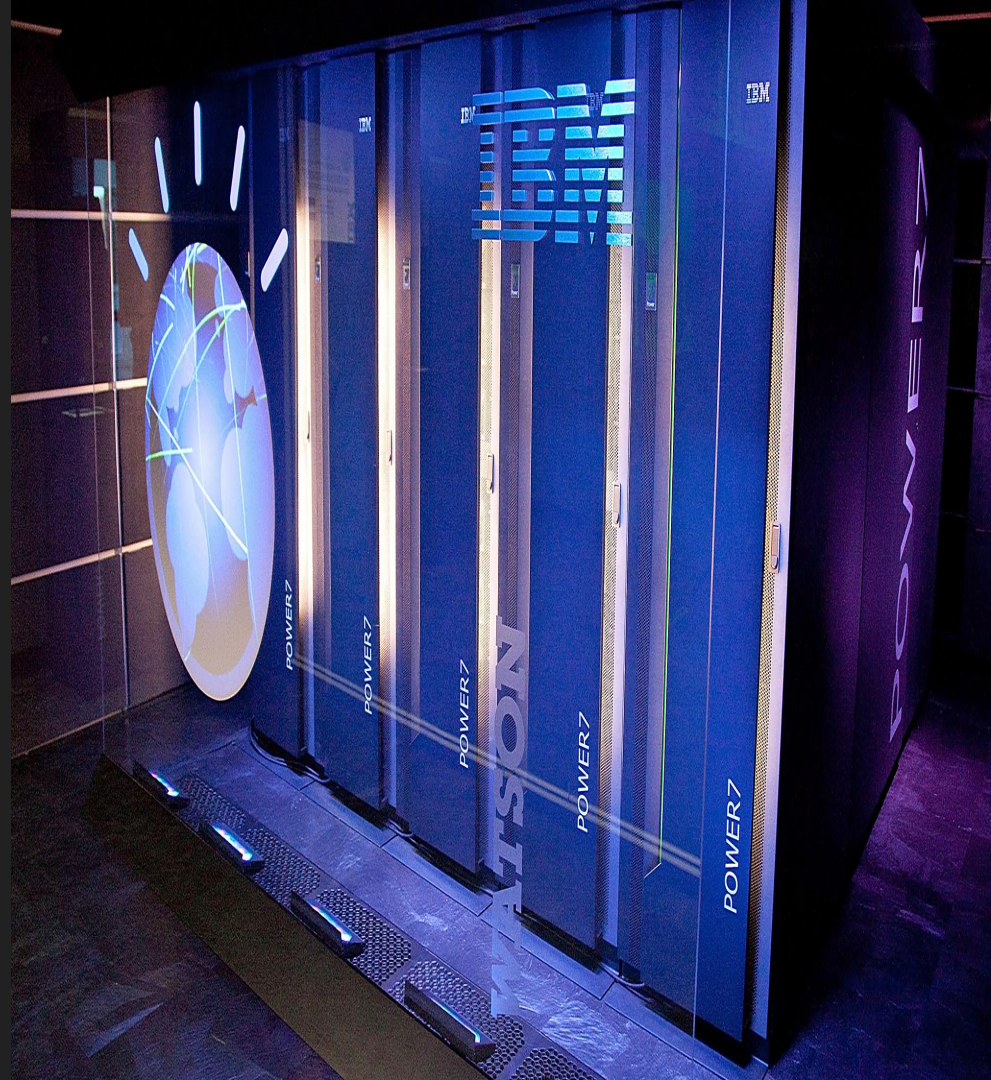


David Ferrucci.

Took on the challenge of creating Watson.

What is Watson?

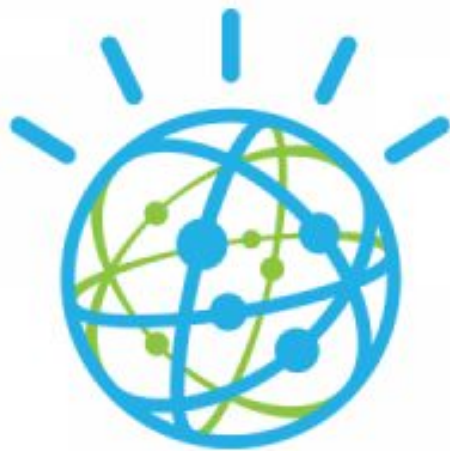
- Software
 - DeepQA
 - Apache UIMA
 - SUSE Linux Enterprise o.s.
 - Apache Hadoop
 - Java, C++, Prolong
- Hardware
 - 90 IBM power 750 servers
 - 3.5 GHz POWER7 processor threads
 - 16 terabyte of RAM



Watson vs Jeopardy!



IBM Watson



IBM **Watson**



FUTURE AHEAD

Thank you!

Any questions?