

Artificial Intelligence

Artificial Intelligence (AI) is defined by <u>Merriam</u> <u>Webster</u> (2018) as:

1: a branch of computer science dealing with the simulation of intelligent behavior in computers

2: the capability of a machine to imitate intelligent human behavior



How can AI help developers?

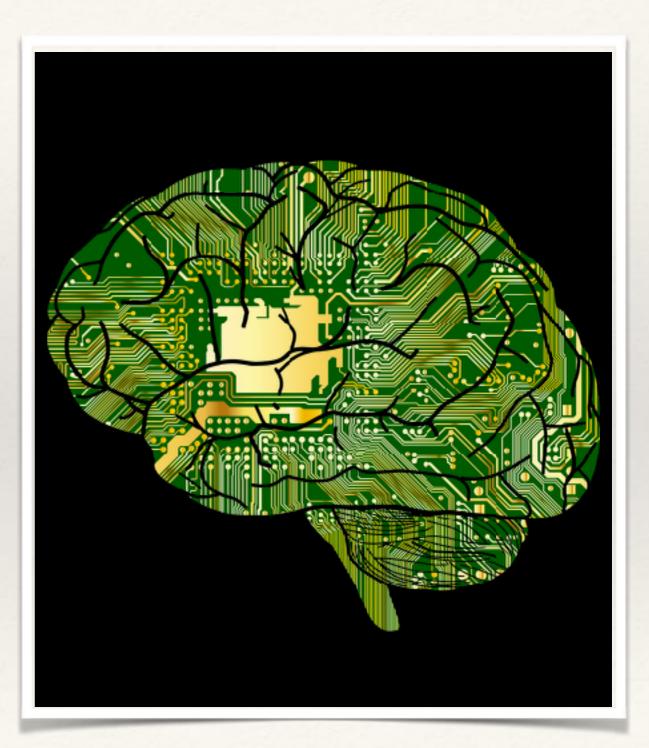


- * Cognitive Computing
 - Machine Learning
 - Natural Language Processing
 - Empathy

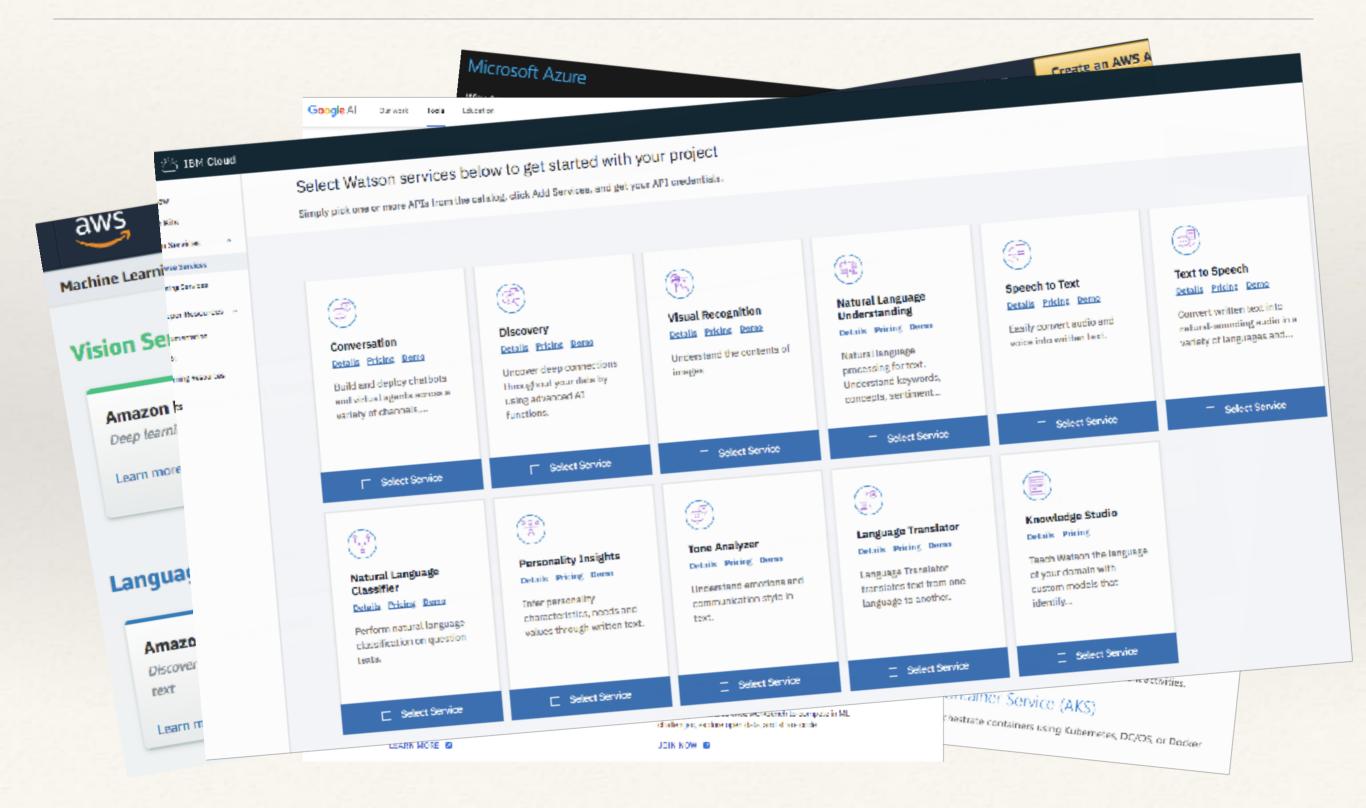
I'm not an AI researcher!

Artificial Intelligence as a Service??

- * Watson
- Alexa, Recognition
- Google Now, Cloud Vision, Tensor Flow
- Microsoft AI platform, Cortana

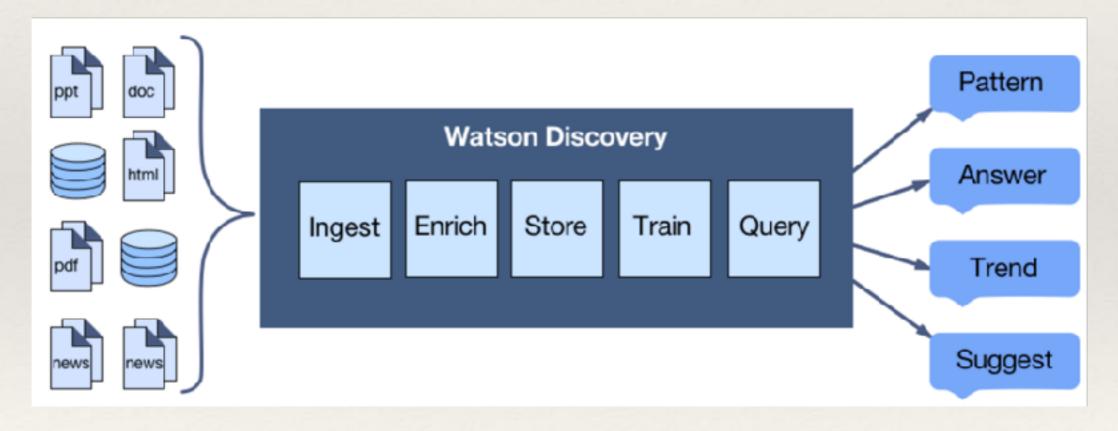


What's being offered?



Watson Discovery

- Deep Data Analysis
- Watson Discovery



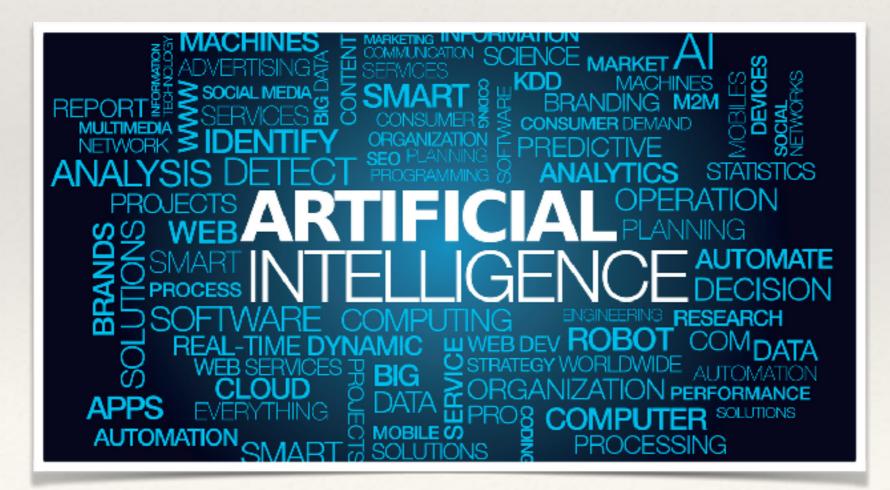
Personality Insights

- * Big Five personality characteristics:
 - Agreeableness
 - Conscientiousness
 - Extraversion
 - Emotional range
 - Openness
- * Needs
- * Value



Demo

- * Watson Discovery <u>https://www.ibm.com/cloud/watson-discovery</u>
- Personality Insights <u>https://www.ibm.com/watson/services/</u> <u>personality-insights/</u>





Will AI replace developers?

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Branch: master - New pull reque	est	Create new file Upload fi	les Find file Clone or download	
primaryobjects committed on Au	ig 30, 2017 Update README.md	L	atest commit 56ee953 on Aug 30, 20	
AlProgrammer.Compiler	Updated text.		3 years a	
AlProgrammer.Database	Updated text.		3 years a	
	Added solution and results for	Added solution and results for ExtractInQuotes2Fitness. a year ag		
AlProgrammer.Fitness	Added solution and results for		Added null/empty string check. This fixes an error in StringFunction a year ag	

The End

References

- * IBM Watson <u>https://www.ibm.com/watson/</u>
- AWS Machine Learning <u>https://aws.amazon.com/machine-learning/?</u> <u>nc2=h_13_ai</u>
- * Microsoft AI Platform <u>https://www.microsoft.com/en-us/AI/ai-platform</u>
- * Google AI <u>https://ai.google/</u>
- * Hanson Robotics (Sofia) <u>http://www.hansonrobotics.com/robot/sophia/</u>
- * Wikipedia <u>https://en.wikipedia.org/wiki/Artificial_intelligence</u>
- AI Programmer (automated coding) <u>https://github.com/primaryobjects/</u> <u>AI-Programmer</u>