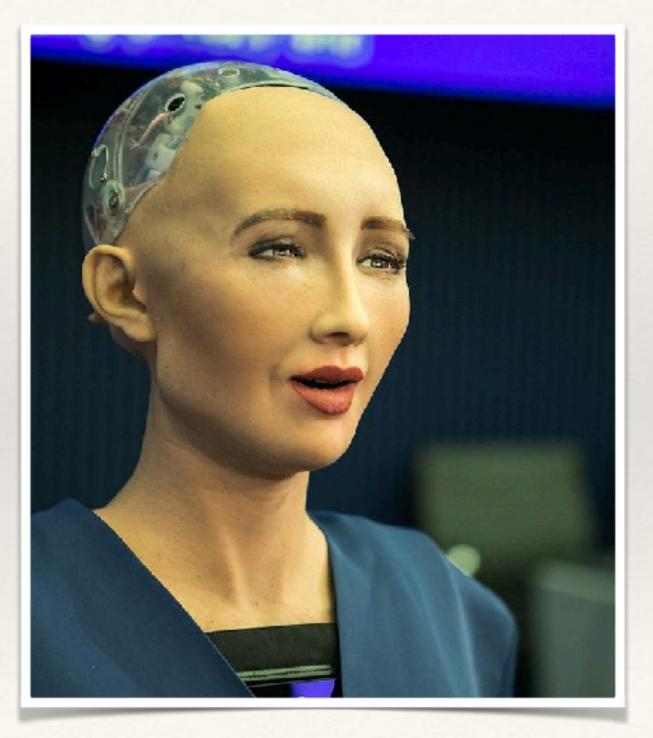


## Artificial Intelligence

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?

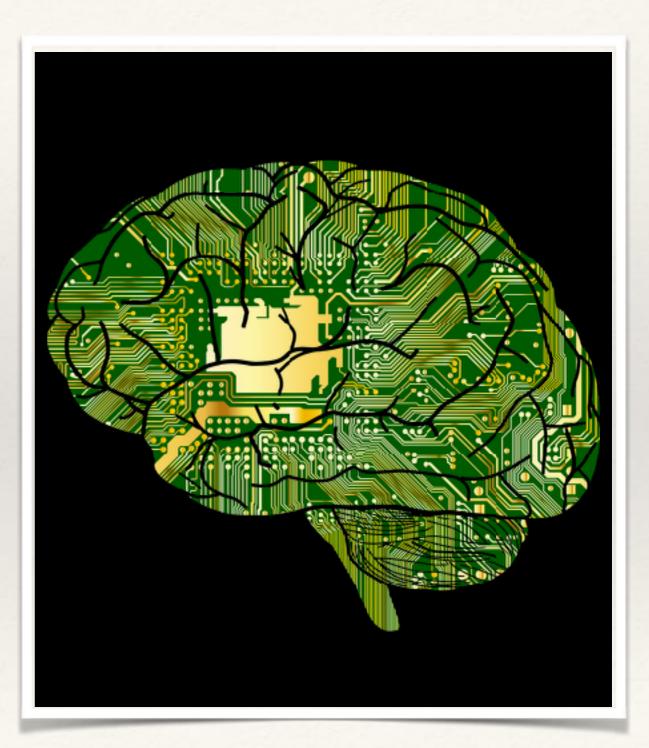


- \* Cognitive Computing
  - Machine Learning
  - Natural Language Processing
  - Empathy

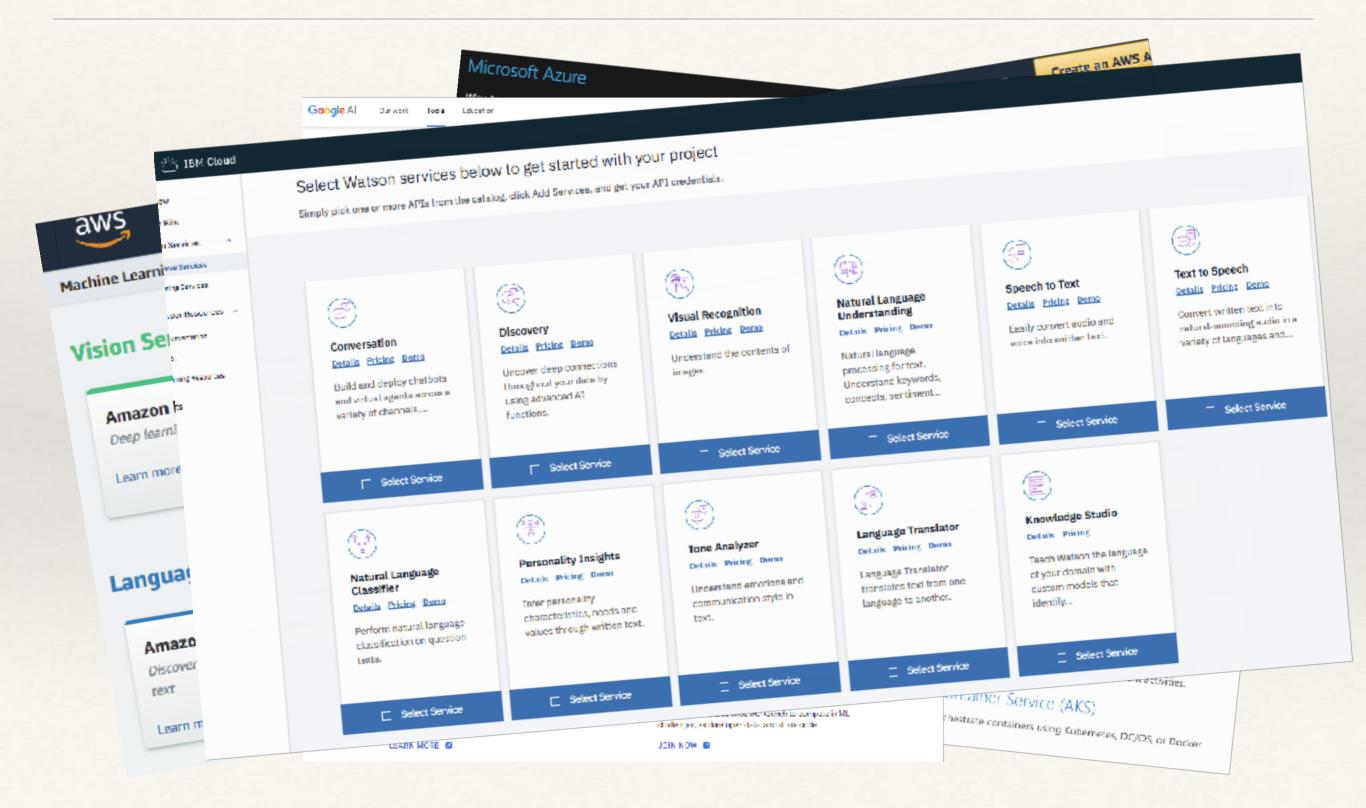
#### I'm not an AI researcher!

Artificial Intelligence as a Service??

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

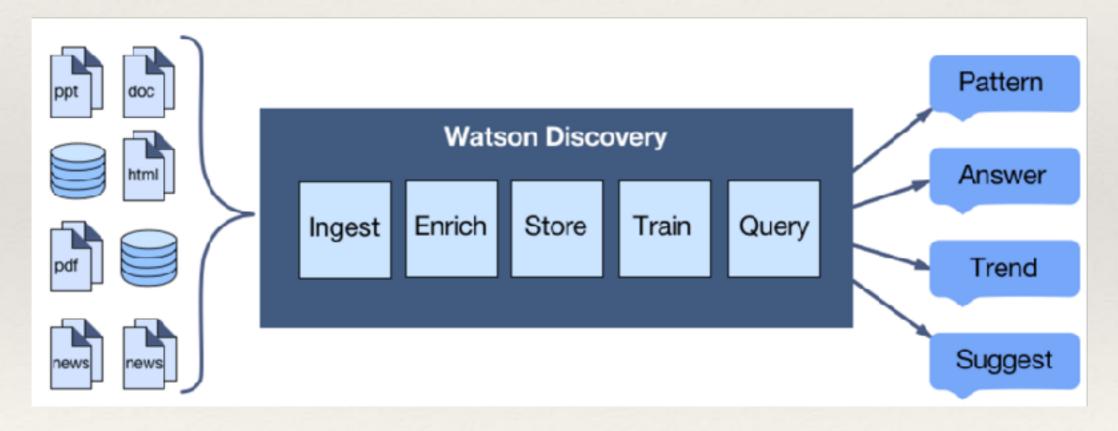


# What's being offered?



### Watson Discovery

- Deep Data Analysis
- Watson Discovery



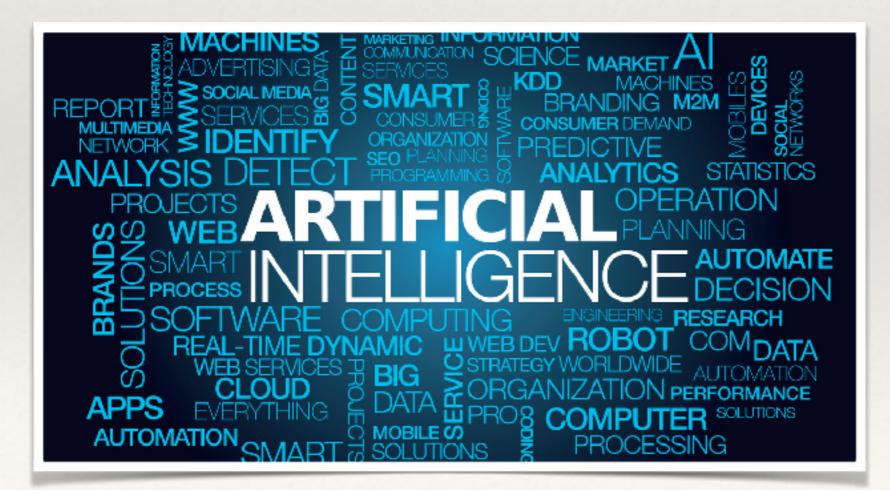
# Personality Insights

- \* 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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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>