



# Artificial Intelligence

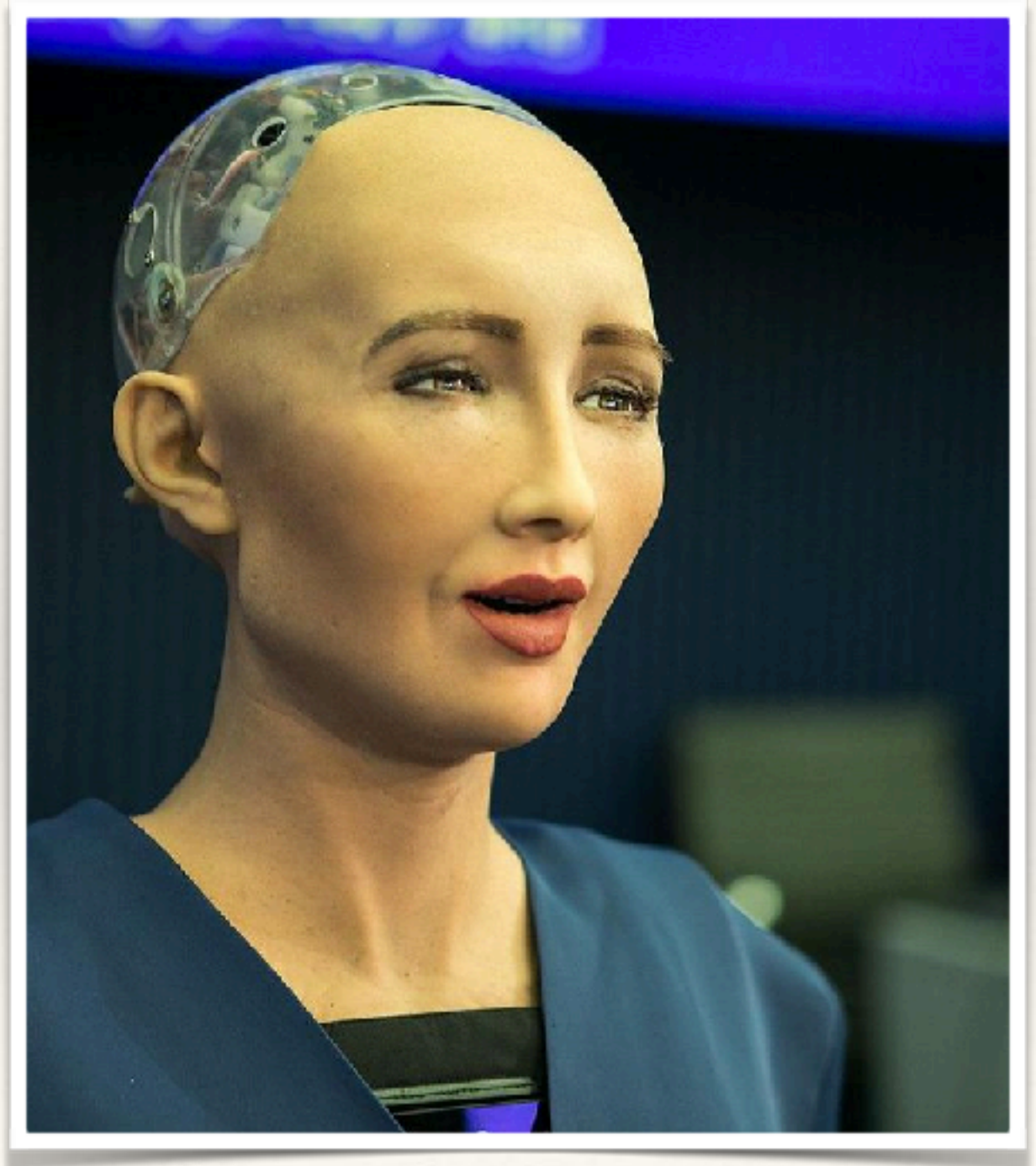
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*How Developers Benefit Today*

# Artificial Intelligence

Artificial Intelligence (AI) is defined by [Merriam Webster](#) (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?

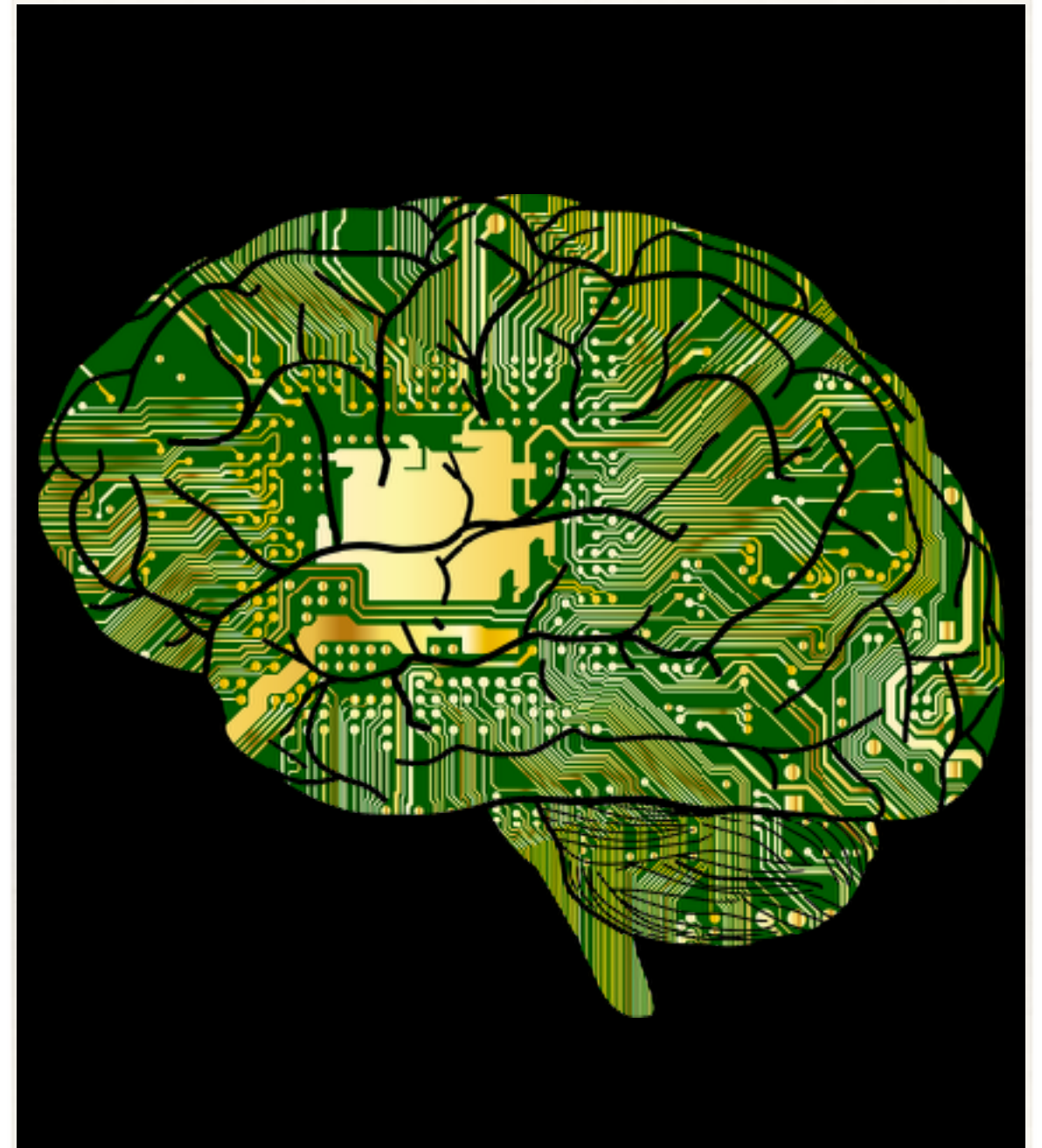


- ❖ Cognitive Computing
  - ➔ Machine Learning
  - ➔ Natural Language Processing
  - ➔ Empathy

# I'm not an AI researcher!

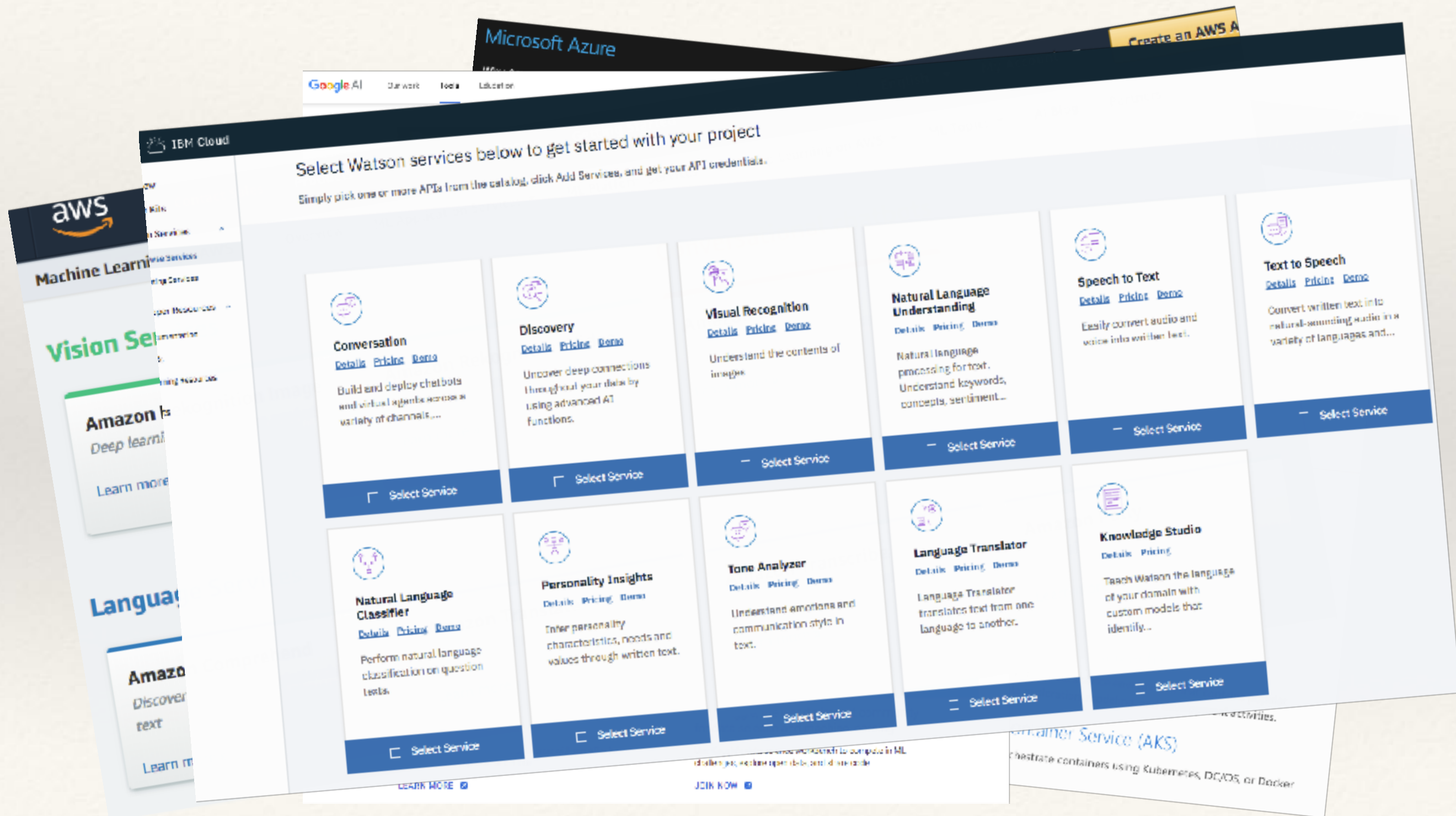
Artificial Intelligence as a Service??

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





# What's being offered?



# Watson Discovery

## Deep Data Analysis

### ❖ Watson Discovery



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# Personality Insights

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❖ Big Five personality characteristics:

- Agreeableness
- Conscientiousness
- Extraversion
- Emotional range
- Openness

❖ Needs

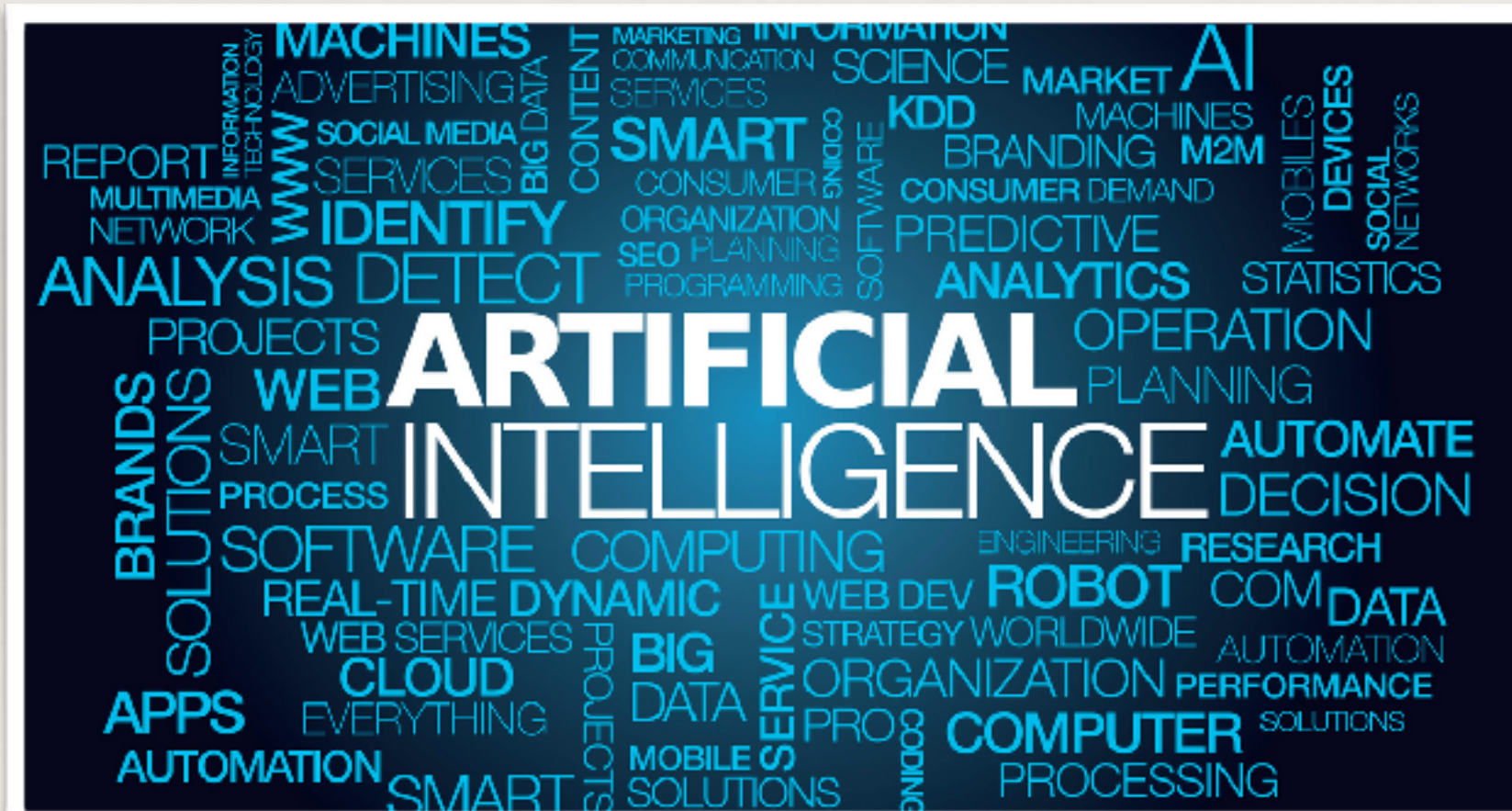
❖ Value





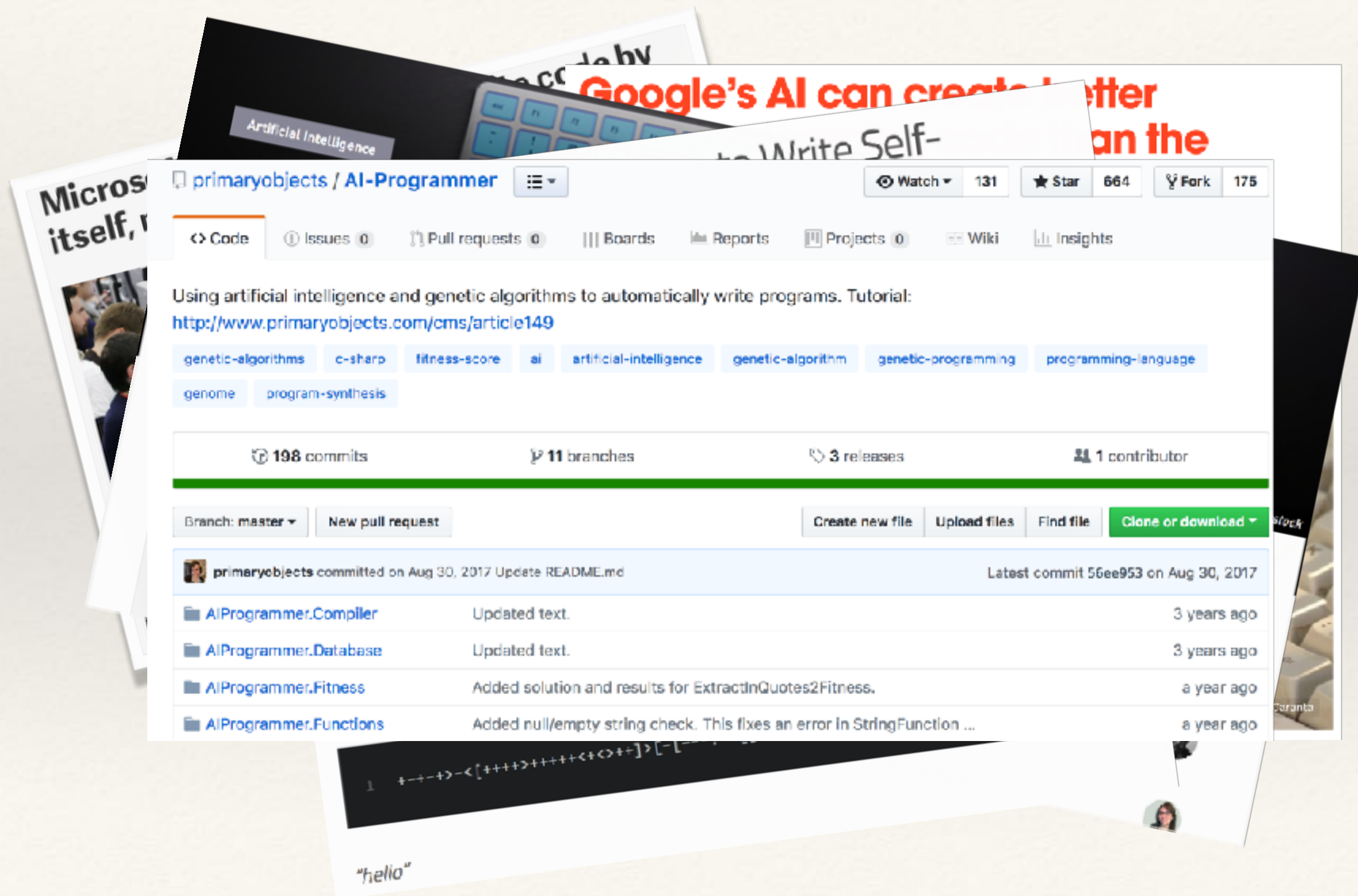
# Demo

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





# Will AI replace developers?







The End



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# References

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- ❖ IBM Watson - <https://www.ibm.com/watson/>
- ❖ AWS Machine Learning - [https://aws.amazon.com/machine-learning/?nc2=h\\_l3\\_ai](https://aws.amazon.com/machine-learning/?nc2=h_l3_ai)
- ❖ Microsoft AI Platform - <https://www.microsoft.com/en-us/AI/ai-platform>
- ❖ Google AI - <https://ai.google/>
- ❖ Hanson Robotics (Sofia) - <http://www.hansonrobotics.com/robot/sophia/>
- ❖ Wikipedia - [https://en.wikipedia.org/wiki/Artificial\\_intelligence](https://en.wikipedia.org/wiki/Artificial_intelligence)
- ❖ AI Programmer (automated coding) - <https://github.com/primaryobjects/AI-Programmer>