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Machine Learning

What is Machine Learning ?

Machines or computers are really good at certain things. Machines can perform tasks really fast. We can control these machines and get them to do tasks for us, which is what programming is.

We program computers, we give them instructions to do the task.

The computers, machines are really good at things we describe (code).

However, there are things that we can't program or describe to a computer. For example, how do we tell a computer what a cat is ? Is this a cat in the image?



We can say, well, cat has a fur, whiskers, and it meows. But, computer will not understand that: what is fur, what are the whiskers ? , what is meow ?

The harder things to describe, the harder it is for us to tell machines what to do.

Machine Learning has a lot of applications:

- Self-driving cars
- Computer Vision Processing
- Natural Language Processing
- Recommendation Engines
- Translation Services
- Stock Price Predictions

There are so many applications, and it is all because of Machine Learning. Things that the computers couldn't do before and only humans can, can now be done by computers with Machine Learning (kind of)

The goal of a Machine Learning is to make machines act more and more like humans.

AI / Machine Learning

It all starts with AI (Artificial Intelligence) - human intelligence which exhibited by machines. AI is a machine that acts like a human.

W https://en.wikipedia.org/wiki/Artificial_general_intelligence

Artificial General Intelligence - поиски Святого Грааля искусственного интеллекта

Искусственный интеллект, способный справляться с любыми задачами не хуже человека - чем не мечта. Тема сильного искусственного интеллекта (AGI) скорей всего интересовала почти каждого, однако понять, что в ней происходит на практике

 <https://habr.com/ru/post/550292/>

Хабр

Artificial General
Intelligence – поиски Святого Грааля
искусственного интеллекта

Разработка

Machine Learning is a subset of AI. Machine Learning is an approach to try and achieve Artificial Intelligence through the systems that can find patterns in a set of data.