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Communication skills

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# Artificial Intelligence

## The basics of building an intelligent A.I

Building an intelligent computer or even an artificial intelligence (A.I) may sound odd and impossible to most of us. Many will say, that it's only a science fiction fantasy. Not something we could really achieve.

What if I told you, that many big companies like Facebook, Google or Microsoft are already using A.I's. And the numbers are increasing. Since 2012, the number of softwares, which are using A.I within Google has significantly increased from 100 to more than 2700.

The principle behind an intelligent system is to connect as many electric circuits as possible. That way many factors can be taken into account and can influence the final result. It's the same way a brain works. We are influenced by our environment, the media, the weather. All these things are also important to an A.I, and the major problems seems to be to validate the right data. Of course there are many more issues to deal with. The system has to learn by itself, because otherwise it would take way to long to program all the knowledge you need. Just imagine the content of a human brain. An other problem is the subsymbolic form of some commonsense knowledge, or also to plan something and set a goal.

In my opinion this will be one of the greatest tasks of the 21st century and it's only a matter of time till the first company presents a nearly perfect A.I. The Applications have no borders, it is relevant in any subject. And some imperfect computers are already used for example in chess, Siri, targeting online Advertisement or in self-driving cars. As you can see, it slowly sneaks into our everyday life.