

# 7 technology trends will change the world in the near future

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We are in the middle of the 4th industrial revolution and the technology is developing faster than ever. Companies and individuals who don't keep up with big technology trends are at risk of being left behind. Understanding the main trends will allow people and businesses to seize opportunities. In this article, **TipsMake.com** will share with you 7 upcoming trends in 2020.

## 7 biggest technology trends in 2020

1. AI-as-a-service
2. 5G data network
3. Drive automatically
4. Health care
5. Computer vision (Computer Vision)
6. Extended Reality (Extended Virtual Reality)
7. Blockchain technology

### AI-as-a-service

Artificial intelligence (AI) is one of the most transformative technological developments of our time. Most companies have begun exploring how they can use AI to improve customer experience and streamline their business. This will continue in 2020, and while people will become increasingly familiar with AI, designing and deploying AI-based systems will remain an expensive proposition for almost every business.

For this reason, the majority of AI applications will continue to be made through service platform providers, allowing users to pay for algorithms or resources only when used.

Currently, these platforms, powered by Amazon, Google and Microsoft, tend to be a bit broad in scope, with custom (often expensive) techniques required to apply the specific tasks that the organization needs. officials may request. No company has found a reason not to use AI.



## **5G data network**

The fifth generation of mobile internet connections will bring extremely fast download and upload speeds as well as more stable connections. While 5G mobile data networks first appeared in 2019, they are still relatively expensive and are limited in certain areas or big cities. 2020 could be the year that 5G really starts to thrive, with more affordable data plans as well as a significantly improved range of operations.

The increased bandwidth will allow autonomous machines, robots and vehicles to collect and transfer more data than ever before, leading to advances in the field of Internet of Things (IoT) and intelligent machines.

## **Drive automatically**

Tesla's chief executive, Elon Musk, said he hoped his company would succeed in creating a fully self-driving car this year. In addition, other in-vehicle systems that are not directly connected to the driver, such as security and entertainment functions, will be increasingly automated and dependent on data collection and analysis. Waymo just completed its self-driving taxi test in California and transported more than 6200 people in the first month.

In 2020, it's likely that we'll start to see the debate surrounding self-driving cars spreading beyond the tech world, as more and more people are thinking about when this will become a reality. International.

## **Health care**

Technology is changing health care at an unprecedented pace. The ability to collect data from wearable devices like smartwatches gives us the ability to predict and treat health problems in a person even before they experience any symptoms.

Although not a new idea, thanks to recent breakthroughs in technology, especially in the field of genes and AI, humans have a better understanding of how the body is able to fight off specific diseases like how, as well as how they are able to respond to different medicines or treatments.

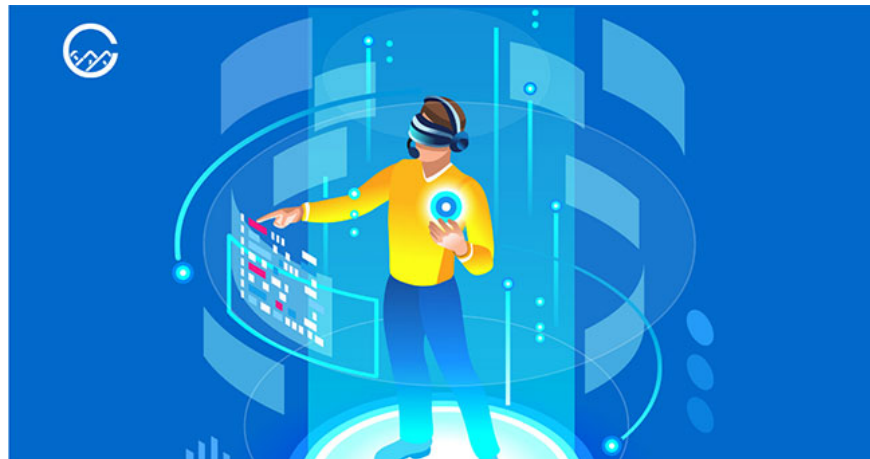
## **Computer vision (Computer Vision)**

The 'vision' here relates to systems that can identify objects, places or people from visual images - things collected by cameras or sensors. This is a technology that allows smartphone cameras to recognize which part of the image it captures as a face and supports technologies like Google Image Search.

In 2020, production lines will use computer vision cameras to monitor defective products or equipment failures, and security cameras will be able to alert about anything out of the ordinary, without supervision. 24/7.

However, as the use of computer vision increases by 2020, there will also be much debate about limiting the use of this technology, as they greatly affect privacy.

## Extended Reality (Extended Virtual Reality)



Extended Reality (XR) is a term that includes some of the new technologies being used to create more immersive digital experiences. More specifically, it refers to virtual reality (VR), augmented reality (AR), and augmented mixed reality (MR). These technologies have been around for a few years but are largely limited to the entertainment world. From 2020, hopefully everything will change.

## Blockchain technology

Blockchain is a technology trend widely mentioned this year, but many people still find it quite vague about this issue. 2020 could be the year to see many changes in Blockchain technology. Blockchain is essentially a digital ledger used to record transactions, but is secured due to its cryptographic and decentralized nature.

According to the plan, 2020 will also see the launch of Facebook's current Blockchain-based cryptocurrency, Libra, which will create a huge turmoil.

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