

FUTURE AI TRENDS: DEVELOPMENT IN 2019



5G MOBILE NETWORKS

5G is the fifth age of mobile communication. The technology is being tested, while Intel, Nokia, and Huawei are developing new standards. Besides, Samsung has invested \$22 billion in the development of AI and 5G. Due to this technology, the Internet speed will be increased, and devices will require less energy.

CHATBOTS

According to the analysis of Spiceworks, around 40% of major companies will integrate chatbots into their corporate processes by the end of 2019. Virtual assistants will answer users' questions and reduce organizations' expenses.



CLOUD SERVICES

Cloud services for data storage keep evolving. With the use of only private, public, or hybrid clouds being not always profitable, companies are creating new solutions for mixed services.

CAPSULE NEURAL NETWORKS

A promising architecture of neural networks published in 2017 will improve image recognition and decrease the amount of mistakes in object identification. Capsules are growing pretty fast and can replace conventional neural networks.



MACHINE LEARNING



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Machine learning technologies will find new applications in various sectors. Today, ML will allow to teach neural networks to predict possible patient's death and military equipment breakdown.

Next year, AI technologies will continue to advance in different areas. Moreover, new chips and sensors will enter mass production.