

DataArt predicts Healthcare and Life Sciences trends for 2019: Data to propel AI-based healthcare forward

Share



DataArt, a global technology consultancy, predicts that 2019 will be dominated by one major trend – exponential information growth, which stems from the population increase and motivates data scientists to improve algorithms, making them faster and more accurate.

As data is the locomotive that pushes AI-based healthcare forward, DataArt executives foresee the following three AI trends for the healthcare industry for 2019:

1. **Telemedicine will broaden reach.** Intelligent telemedicine systems will continue to increase the availability of high-quality medicine for a broader group of people and help in the prevention of chronic disease development through a facilitated timely consultation with a medical expert. In the US, the only thing holding telemedicine back from totally changing the industry is CMS. As more and more evidence mounts showing the vast savings that telemedicine provides, CMS will need to loosen their restrictions on telemedicine or the US will be left behind.

2. **Next-gen interoperability.** The algorithms tackling data collection, processing and storing will be of great interest and importance for the industry in the year ahead. A contemporary medical diagnostic test is much more elaborate than it was 30 years ago, as it involves data from various sources – from family history to every protein concentration in a blood sample. Thanks to the new generation of sensors, continuous remote patient monitoring of vital parameters is a reality. Data from mobile devices create a dense data stream that needs to be processed and stored and 2019 is set to be the year where we will see even further progress within this space.
3. **AI will be increasingly tapped, visionaries will be needed.** AI will keep its position as a major interest, both for investors and healthcare practitioners. Algorithms are still evolving, becoming faster and more accurate. Only a few pharmaceutical companies have integrated AI-based solutions in their processes. In most cases, AI is used within pilot projects and has yet to be deployed. Healthcare is waiting for visionaries (people or companies) that will demonstrate how to use all the opportunities that AI provides to the fullest.

Original: <https://itsupplychain.com/dataart-predicts-healthcare-and-life-sciences-trends-for-2019-data-to-propel-ai-based-healthcare-forward/>