

Market Analysis on Artificial Intelligence 2021

Abstract

"Artificial Intelligence market to Grow at a Staggering 75% CAGR until 2021: TechSci Research Report

Rising Venture Capital Investments Coupled with Increasing R&D Activities in Autonomous Vehicles market to Drive Artificial Intelligence market in US Through 2021

According to TechSci Research report, "United States Artificial Intelligence market, By Application, By Region, By End User Competition Forecast & Opportunities, 2011-2021", the Artificial Intelligence market in the US is projected to grow at a CAGR of 75% during 2016 - 2021 on account of growing Artificial Intelligence technology adoption in consumer electronic devices, research and developmental activities in healthcare industry, unmanned aerial vehicles, autonomous cars, etc.

This research evaluates enterprise Robotics in the United States including companies, technologies, and solutions across industry verticals and applications. The report includes forecasts by industry vertical/application for 2017 through 2021.

Leading industry verticals are beginning to see improved operational efficiency through the introduction of Robotics and Artificial Intelligence (AI). Robotics investment in many industries represents a substantial capital expenditure with the potential to dramatically reduce operational expenses through resource optimization, quality improvement, and waste reduction.

Robotics in business will accelerate as less expensive hardware and improvements in AI lead to improved cost structures and increased integration with enterprise software systems respectively. The massive amount of data generated by Robotics will create opportunities for data analytics and AI-enabled decision support systems. Emerging areas for enterprise Robotics include Robotics as a Service, Cloud Robotics, and General-Purpose Robotics.

Artificial Intelligence is the machines which are designed and programmed in such a manner that they think and act like a human. Artificial Intelligence becomes the important part of our daily life. Our life is changed by AI because this technology is used in a wide area of day to day services. These technologies reduce human effort. Now in many industries, people are using this technology to develop machine slaves to perform the different activity. Using the machine for the work speed up your process of doing work and give you an accurate result.

It is very likely that areas in which the universal intelligence of the human level is not needed will reach maturity and produce reliable high-quality products in the next decade. Efforts to improve quality and expand boundaries for text and video understanding systems, and to give home robots greater reliability and overall utility, will lead to systems of common sense linking learning and action together in all these modalities.

Especially given the massive growth of machine-readable data on human activities and the need for machines that understand human values if such machines are reliable and useful. Public and private sources of knowledge will become part of society.

If earlier AI developers were trying to create a machine that could perform tasks independently, at the moment the situation has changed and the goal that is put before Artificial Intelligence is to help a person in various matters. Thanks to the modern approach, Artificial Intelligence starts to simplify and improve various processes; another promising scope is the prediction and even some manipulation of human behaviour in advertising systems. You can expect an increase in the quality of the work of search engines and machine translation. This will be possible due to the fact that the computer will begin to understand and analyse the meaning of the text.

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