Journal of Computer Engineering and Information Technology

Market Analysis

2020 Market Analysis of Global Summit on Computer Science and Data Management Conference

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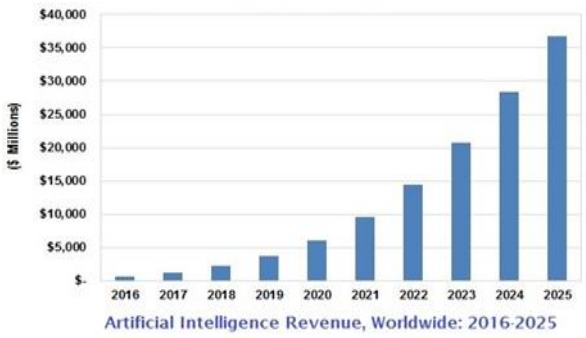
Global Summit on Computer Science and data management (Computer Science-2020) to be held on September Sep 21-22, 2020 in Sydney, Australia. Computer Science 2020 Conference, provides a great platform for the people who are enthusiastic at sharing their innovative ideas related to technology and provide an excellent international forum for sharing knowledge and their results in theories, technical thesis as a part of their research and elaborate their excellence with various dignitaries, multinational companies and gain the precious suggestions from real time industries, methodology and Applications of Computing.

The main objective of this Computer Science Meeting is to unite specialists and professionals from the scholarly community and industry to concentrate on Computer Science and Computer Engineering headways and setting up new coordinated efforts in their specified stream of research. Unique research papers, cutting edge audits are welcomed for production in every aspect of Computer Science and Computer Engineering.

Computer science is a stimulating field as it links many scientific disciplines and allows for collaboration with other scientists in researching and developing new technology and provide an excellent international forum for sharing knowledge and their results in theories, technical thesis as a part of their research and elaborate their excellence with various dignitaries, multinational companies and gain the precious suggestions from real time industries, methodology and Applications of Computing.

According to the new market research report "Artificial Intelligence Market by Offering (Hardware, Software, Services), Technology (Machine Learning, Natural Language Processing, Context-Aware Computing, Computer Vision), End-User Industry, and Geography - Global Forecast to 2025", the Artificial Intelligence Market is expected to be valued at USD 21.5 billion in 2019 and is likely to reach USD 190.6 billion by 2025, at a CAGR of 36.6% during the forecast period. Major drivers for the market are growing big data, the increasing adoption of cloud-based applications and services, and an increase in demand for intelligent virtual assistants. The major restraint for the market is



Source: Tractica

the limited number of AI technology experts. Critical challenges facing the AI market include concerns regarding data privacy and the unreliability of AI algorithms. Underlying opportunities in the artificial intelligence market include improving operational efficiency in the manufacturing industry and the adoption of AI to improve customer service.

European nations are spending more energy and fund on research, given the great public attention currently devoted to Artificial Intelligence and Big Data (AI & BD). Robotics and AI offer huge opportunities for this region and points towards the clear need for an articulate European approach. Europe already has a strong presence and investment in this technology which is helping it to maintain leadership in this sector. It has set up **SPARC,** the Public-Private Partnership for robotics in Europe, which will help to develop a robotics strategy for Europe. SPARC has €700 million EU funding and, adding private investment, an overall investment of €2.8 billion. At the same time, Europe is in a strong position, both scientifically and commercially to look for the technologies of the future.

Importance & Scope:

One of the most important technological advancements of the 21st century is the integration of computers into almost all aspects of our lives. Computer scientists develop powerful software and algorithms that have the incredible predictive power to match products to consumers, predict political elections, and even help people find lifelong romantic partners. They also create software that powers AI, which has led to extremely good facial and voice recognition and even self-driving vehicles. As our ability to collect and process ever larger amounts of data grows, so will the importance of computer scientists.

Market Study Objectives

To define, describe, and forecast the overall artificial intelligence market segmented on the basis of offerings, technologies, end-user industries, and regions

To forecast the market size, in terms of value, for segments with respect to 4 major regions North America, Europe, APAC, and RoW

To provide detailed information regarding the major factors (drivers, restraints, opportunities, and industry-specific challenges) influencing the growth of the market

To analyse the micro markets with respect to individual growth trends, prospects, and contributions to the overall market

To analyse opportunities in the market for various stakeholders by identifying the high-growth segments of the market

To analyse various strategic developments, such as joint ventures, mergers and acquisitions, product launches, and research and development (R&D), in market.

Asian Market Analysis : Asia Pacific Artificial Intelligence Market by Offerings (Hardware, Software, Services) by System (Intelligence Systems, Decision Support Processing, Hybrid Systems, Fuzzy Systems) by Technology (Machine Learning, Robotics, Image Processing, Speech Recognition, Natural Language Processing, Cognitive Computing (Other Technology)) by Verticals (Technology & Telecommunications, Banking, Financial Service & Insurance, Retail, Media & Entertainment, Automotive & Transportation, Agriculture, Resources & Utilities, Manufacturing, Healthcare, Education, Other Verticals) by Geography.

American Market Analysis: North America Artificial Intelligence Market by Offerings (Hardware, Software, Services) by System (Intelligence Systems, Decision Support Processing, Hybrid Systems, Fuzzy Systems) by Technology (Machine Learning, Robotics, Image Processing, Speech Recognition, Natural Language Processing, Cognitive Computing (Other Technology)) by Verticals (Technology & Telecommunications, Banking, Financial Service & Insurance, Retail, Media & Entertainment, Automotive & Transportation, Agriculture, Resources & Utilities, Manufacturing, Healthcare, Education, Other Verticals) by Geography.

European Market Analysis: The European artificial intelligence market is estimated to grow at a CAGR of 43.2% from 2016 to 2022. The Europe artificial intelligence market is currently witnessing healthy growth as companies have started leveraging the benefits of such disruptive technologies for effective customer reach and positioning of their service solutions. Market growth is also supported by an expanding application base of artificial intelligence solutions across various industries. Computer scientists are responsible for designing and using programming languages to accomplish many different tasks. Computer scientists study topics such as: computer networking, information systems, computer security, data and knowledge engineering, mainframe computing, and software development. The schools on this list are the best in the world at training the next generation of computer scientists. If you love computers and problem solving, then read on to see if one of these programs is right for you.

Target Audience:

- Researchers
- Scientists
- City planners
- Future Policy Makers
- Smart Innovators
- Space Science Engineers
- Mechanical Engineers
- Electrical Engineers
- Computer Science Engineers
- Robotic Technologist
- Design Engineers
- Law Professionals
- Gaming professionals
- Automation Industry Leaders
- Health Care Service Providers
- Defense Research Professionals
- Automation Industry Leaders
- Managers & Business Intelligence Experts
- Advertising and Promotion Agency Executives
- Professionals in media sector
- Professors
- Students

Related Companies:

- CSC
- App Labs
- General Dynamics
- Microsoft
- Amazon.com
- ManTech International
- Raytheon
- Hewlett-Packard
- Northrop Grumman

Related Associations and Societies:

- Seoul national University (SSU)
- The Chinese University of Hong Kong (CUKY)
- KAIST- Korea Advanced Institute of Science & Technology
- The Hong Kong University of Science & Technology
- Fudan University
- Peking University
- Tsinghua University
- Nan Yang Technological University
- University of Hong Kong,
- National University of Singapore.
- University of Pennsylvania

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- Columbia University
- Yale University
- Cornell University
- Princet