

# Global Artificial Intelligence (AI) Market Research and Forecast, 2018-2023

<https://marketpublishers.com/r/G34D91C8377EN.html>

Date: October 2018

Pages: 0

Price: US\$ 3,600.00 (Single User License)

ID: G34D91C8377EN

## Abstracts

The global artificial intelligence market is expected to grow at significantly high CAGR during 2018-2023. The market is growing at a rapid rate due to the rise in the investment in AI technology by big market players. AI emphasizes the creation of intelligent machines that work and reacts like humans. AI will transform each and every business and have the potential to increase profits, market share and revenue. Companies such as Apple, Baidu and Google are working on suites of technology along with it, they are extensively focused on their AI business as well. Amazon is working on robotics and speech recognition, Salesforce on machine learning and virtual agents. BMW, Tesla, and Toyota are also taking interest in robotics and machine learning to develop driverless cars.

Increased investment and funding for AI startups are significantly contributing in the market growth. AI offers productivity enhancement service for various industries which will increase its adoption in diversified applications. The other factors that are boosting the market growth of the global AI market include growth in big data and growth in the adoption of cloud-based services. Further, a collaboration between IoT and AI will also significantly drive the growth of the market. However, lack of availability of greater volumes and sources of data and limited skilled professionals will hinder the market growth. Focused high-tech automobile giants such as Tesla and BMW for autonomous cars will further influence the AI market in near future.

Global AI market is segmented on the basis of technology, end-user industry, region, and offerings. On the basis of technology, the market is segmented into natural language generation, speech recognition, virtual agents, machine learning, robotic process automation, biometrics, text analytics & natural language processing and AI optimized hardware. On the basis of end-user industry, the market is segmented into

journalism, entertainment, online retail stores, automobile sector, healthcare, banking and finance, manufacturing, home appliances, online customer support. On the basis of the offering, the market is segmented into hardware, software, and services.

Geography, the market is segmented on the basis of North America, Europe, Asia-Pacific, and Rest of the World. In 2017, North America dominated the AI market globally owing to the presence of key market players and extensive research and development in AI technology in the region. Additionally, one of the biggest factors in the development of an AI hub in North America Region is that, the establishment of local university programs that enables companies like Google, Uber, and Amazon to build and accelerate their companies machine learning technology. AI market in Asia-Pacific region is expected to grow significantly as various large market players are investing in regional start-ups.

Some of the key players contributing significantly in the growth of AI market include AlBrain, Amazon, Google, Anki, Apple, CloudMinds, Facebook, IBM, iCarbonX, Intel, Iris AI, Next IT, SoundHound, Visenze and Zebra Medical Vision. These companies are working in various AI key technologies like natural language generation, robotics, and deep learning. The report also includes a detailed market overview, strategic recommendations, key company analysis, key findings, analyst insights, predictive analysis, pipeline analysis, market determinants, market segmentation, geographical analysis, company profiling of the market.

## **RESEARCH METHODOLOGY**

The market study of AI market is incorporated by extensive primary and secondary research conducted by the research team at OMR. Secondary research has been conducted to refine the available data to break down the market in various segments, derive total market size, market forecast, and growth rate. Different approaches have been worked on to derive the market value and market growth rate. Our team collects facts and data related to the market from different geography to provide a better regional outlook. In the report, the country-level analysis is provided by analyzing various regional players, regional tax laws and policies, consumer behavior, and macroeconomic factors. Numbers extracted from secondary research have been authenticated by conducting proper primary research. It includes tracking down key people from the industry and interviewing them to validate the data. This enables our analyst to derive the closest possible figures without any major deviations in the actual number. Our analysts try to contact as many executives, managers, key opinion leaders, and industry experts. Primary research brings the authenticity of our reports.

## **SECONDARY SOURCES INCLUDE**

Financial reports of companies involved in the market

Authentic Public Databases

Whitepapers, research-papers, and news blogs

Company websites and their product catalog

The report is intended for IT companies, Private companies, healthcare companies, research institutes, hospitals, and government organizations for overall market analysis, and competitive analysis. The report will serve as a source for 360-degree analysis of the market thoroughly integrating different models delivering insights into the market for better business decisions.

## **THE REPORT COVERS**

Comprehensive research methodology of the global artificial intelligence market.

This report also includes a detailed and extensive market overview with current market recommendations & key analysts' insights.

An exhaustive analysis of macro and micro factors influencing the market guided by key recommendations.

Analysis of regional regulations and other government policies impacting the global artificial intelligence market

Insights about market determinants which are stimulating the global artificial intelligence market

Detailed and extensive market segments with regional distribution of forecasted revenues.

Extensive profiles and recent developments of market players.

## Contents

### 1. REPORT SUMMARY

- 1.1. Research Methods and Tools
- 1.2. Market Breakdown
  - 1.2.1. By Segments
  - 1.2.2. By Geography
  - 1.2.3. By Stakeholders

### 2. MARKET OVERVIEW AND INSIGHTS

- 2.1. Definition
- 2.2. Analyst Insight& Current Market Trends
  - 2.2.1. Key Findings
  - 2.2.2. Recommendation
  - 2.2.3. Conclusion
- 2.3. Regulations

### 3. MARKET DETERMINANTS

- 3.1. Motivators
  - 3.1.1. Application of AI in Healthcare
  - 3.1.2. Growth in Adoption of Cloud-Based Services
  - 3.1.3. Expansion of AI for Diversified Applications
  - 3.1.4. Growth in Big Data Analytics
  - 3.1.5. Collaboration Between IoT and AI
- 3.2. Restraints
  - 3.2.1. Lack of availability of greater volumes and sources of data
  - 3.2.2. Lack of Skilled Workforce
  - 3.2.3. Hardware limitations and Time Consuming
- 3.3. Opportunities
  - 3.3.1. Demand for Autonomous Cars
  - 3.3.2. Substantial Increase in Venture Capital Investments
  - 3.3.3. Focus on AI Research and Development

### 4. MARKET SEGMENTATION

- 4.1. AI Market by Technology

- 4.1.1. Natural Language Generation
- 4.1.2. Speech Recognition
- 4.1.3. Virtual Agents
- 4.1.4. Machine Learning
- 4.1.5. Robotic Process Automation
- 4.1.6. Biometrics
- 4.1.7. Text Analytics and Natural Language Processing
- 4.1.8. AI Optimized Hardware
- 4.2. AI Market by End-User Industry
  - 4.2.1. Journalism
  - 4.2.2. Entertainment
  - 4.2.3. Online Retail Stores
  - 4.2.4. Automobile Sector
  - 4.2.5. Healthcare
  - 4.2.6. Banking and Finance
  - 4.2.7. Manufacturing
  - 4.2.8. Home Appliances
  - 4.2.9. Online Customer Support
- 4.3. AI Market by Offerings
  - 4.3.1. Hardware
  - 4.3.2. Software
  - 4.3.3. Services

## **5. COMPETITIVE LANDSCAPE**

- 5.1. Key Strategies
- 5.2. Key Company Analysis

## **6. REGIONAL ANALYSIS**

- 6.1. North America
  - 6.1.1. United States
  - 6.1.2. Canada
- 6.2. Europe
  - 6.2.1. United Kingdom
  - 6.2.2. France
  - 6.2.3. Germany
  - 6.2.4. Italy
  - 6.2.5. Spain

- 6.2.6. Rest of Europe
- 6.3. Asia-Pacific
  - 6.3.1. India
  - 6.3.2. China
  - 6.3.3. Japan
  - 6.3.4. Rest of Asia-Pacific
- 6.4. Rest of the World

## **7. COMPANY PROFILES**

- 7.1. AlBrain, Inc.
- 7.2. Artivatic Data Labs Pvt Ltd.
- 7.3. Amazon.com, Inc.
- 7.4. Anki, Inc.
- 7.5. Apple, Inc.
- 7.6. CloudMinds, Inc.
- 7.7. DeepMind Technologies Ltd.
- 7.8. Facebook, Inc.
- 7.9. Google, Inc.
- 7.10. Microsoft Corp.
- 7.11. IBM Corporation
- 7.12. Icarbonx
- 7.13. Intel Corp.
- 7.14. Iris AI AS
- 7.15. Next IT Corp.
- 7.16. Salesforce.com, Inc.
- 7.17. SoundHound, Inc.
- 7.18. Visense, Inc.
- 7.19. X.AI
- 7.20. Zebra Medical Vision, Inc.

## List Of Tables

### LIST OF TABLES

TABLE # 1 GLOBAL AI MARKET RESEARCH AND ANALYSIS BY TECHNOLOGY, 2017-2023 (\$ MILLION)

TABLE # 2 GLOBAL NATURAL LANGUAGE GENERATION MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 3 GLOBAL SPEECH RECOGNITION MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 4 GLOBAL VIRTUAL AGENTS MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 5 GLOBAL MACHINE LEARNING MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 6 GLOBAL ROBOTIC PROCESS AUTOMATION MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 7 GLOBAL BIOMETRICS MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 8 GLOBAL TEXT ANALYTICS AND NATURAL LANGUAGE PROCESSING MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 9 GLOBAL AI OPTIMIZED HARDWARE MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 10 GLOBAL AI MARKET RESEARCH AND ANALYSIS BY END-USER INDUSTRY, 2017-2023 (\$ MILLION)

TABLE # 11 GLOBAL JOURNALISM MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 12 GLOBAL ENTERTAINMENT MARKET RESEARCH AND ANALYSIS, 2017-2023 (\$ MILLION)

TABLE # 13 GLOBAL ONLINE RETAIL STORES MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 14 GLOBAL AUTOMOBILE SECTOR MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 15 GLOBAL HEALTHCARE MARKET RESEARCH AND ANALYSIS, 2017-2023 (\$ MILLION)

TABLE # 16 GLOBAL BANKING AND FINANCE MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 17 GLOBAL MANUFACTURING MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 18 GLOBAL HOME APPLIANCES MARKET RESEARCH AND ANALYSIS BY



REGION, 2017-2023 (\$ MILLION)

TABLE # 19 GLOBAL ONLINE CUSTOMER SUPPORT MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 20 GLOBAL AI MARKET RESEARCH AND ANALYSIS BY OFFERINGS, 2017-2023 (\$ MILLION)

TABLE # 21 GLOBAL HARDWARE MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 22 GLOBAL SOFTWARE MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 23 GLOBAL SERVICES MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 24 GLOBAL AI MARKET RESEARCH AND ANALYSIS BY GEOGRAPHY, 2017-2023 (\$ MILLION)

TABLE # 25 NORTH AMERICAN AI MARKET RESEARCH AND ANALYSIS BY COUNTRY, 2017-2023 (\$ MILLION)

TABLE # 26 NORTH AMERICAN AI MARKET RESEARCH AND ANALYSIS BY TECHNOLOGY, 2017-2023 (\$ MILLION)

TABLE # 27 NORTH AMERICAN AI MARKET RESEARCH AND ANALYSIS BY END-USER, 2017-2023 (\$ MILLION)

TABLE # 28 NORTH AMERICAN AI MARKET RESEARCH AND ANALYSIS BY OFFERING, 2017-2023 (\$ MILLION)

TABLE # 29 EUROPEAN AI MARKET RESEARCH AND ANALYSIS BY COUNTRY, 2017-2023 (\$ MILLION)

TABLE # 30 EUROPEAN AI MARKET RESEARCH AND ANALYSIS BY TECHNOLOGY, 2017-2023 (\$ MILLION)

TABLE # 31 EUROPEAN AI MARKET RESEARCH AND ANALYSIS BY END-USER, 2017-2023 (\$ MILLION)

TABLE # 32 EUROPEAN AI MARKET RESEARCH AND ANALYSIS BY OFFERING, 2017-2023 (\$ MILLION)

TABLE # 33 ASIA-PACIFIC AI MARKET RESEARCH AND ANALYSIS BY COUNTRY, 2017-2023 (\$ MILLION)

TABLE # 34 ASIA-PACIFIC AI MARKET RESEARCH AND ANALYSIS BY TECHNOLOGY, 2017-2023 (\$ MILLION)

TABLE # 35 ASIA-PACIFIC AI MARKET RESEARCH AND ANALYSIS BY END-USER, 2017-2023 (\$ MILLION)

TABLE # 36 ASIA-PACIFIC AI MARKET RESEARCH AND ANALYSIS BY OFFERING, 2017-2023 (\$ MILLION)

TABLE # 37 REST OF THE WORLD AI MARKET RESEARCH AND ANALYSIS BY TECHNOLOGY, 2017-2023 (\$ MILLION)



TABLE # 38 REST OF THE WORLD AI MARKET RESEARCH AND ANALYSIS BY  
END-USER, 2017-2023 (\$ MILLION)

TABLE # 39 REST OF THE WORLD AI MARKET RESEARCH AND ANALYSIS BY  
OFFERING, 2017-2023 (\$ MILLION)

## List Of Figures

### LIST OF FIGURES

FIGURE # 1 GLOBAL AI MARKET SHARE BY TECHNOLOGY, 2017 VS 2023 (IN %)

FIGURE # 2 GLOBAL AI MARKET SHARE BY END-USER, 2017 VS 2023 (IN %)

FIGURE # 3 GLOBAL AI MARKET SHARE BY OFFERING, 2017 VS 2023 (IN %)

FIGURE # 4 GLOBAL AI MARKET SHARE BY GEOGRAPHY, 2017 VS 2023 (IN %)

FIGURE # 5 US AI MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 6 CANADA AI MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 7 UK AI MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 8 FRANCE AI MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 9 GERMANY AI MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 10 ITALY AI MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 11 SPAIN AI MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 12 ROE AI MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 13 INDIA AI MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 14 CHINA AI MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 15 JAPAN AI MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 16 REST OF ASIA-PACIFIC AI MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 17 REST OF THE WORLD AI MARKET SIZE, 2017-2023 (\$ MILLION)

## I would like to order

Product name: Global Artificial Intelligence (AI) Market Research and Forecast, 2018-2023

Product link: <https://marketpublishers.com/r/G34D91C8377EN.html>

Price: US\$ 3,600.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G34D91C8377EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970