

Artificial Intelligence, Machine Learning, and Cognitive Computing: Market and Outlook for Communications, Applications, Content and Commerce 2016 - 2021

<https://marketpublishers.com/r/AD9FBD1E072EN.html>

Date: April 2016

Pages: 92

Price: US\$ 1,995.00 (Single User License)

ID: AD9FBD1E072EN

Abstracts

Overview:

Artificial Intelligence is a technology that uses machine intelligence and human like thinking ability to process historical, and increasingly, real-time data to make predictions, recommendations, and decisions. AI is not a single technology but a convergence of various technologies, statistical models, algorithms, and approaches. Machine Learning is a subfield of computer science that evolved from the study of pattern recognition and computational learning theory in AI. Cognitive Computing involves self-learning systems that use data mining, pattern recognition and natural language processing to mimic the way the human brain works.

AI is increasingly integrated in many areas including Internet search, entertainment, commerce applications, content optimization, and robotics. The long-term prospect for these technologies is that they will become embedded in many different other technologies and provide autonomous decision making on behalf of humans, both directly, and indirectly through many processes, products, and services.

This report evaluates the technologies and market for AI. Key industry verticals covered include use of AI in Internet related services and products, Financial Services, Medical and Bio-informatics, Manufacturing, and Telecommunications. Some of the key application areas covered include Marketing and Business Decision Making, Workplace Automation, Predictive Analysis and Forecast, Fraud Detection and Classification. Additionally, there is a strong future for AI in digital security, particularly for support of

the Internet of Things (IoT).

The report includes forecasts for the period 2016 to 2021. This includes a market value assessment by Data Mining, Machine Perception, Pattern Recognition, Intelligent Decision Support Systems, Natural Language Processing and more. All purchases of Mind Commerce reports includes time with an expert analyst who will help you link key findings in the report to the business issues you're addressing. This needs to be used within three months of purchasing the report.

Target Audience:

Artificial Intelligence companies

Big Data and analytics companies

Robotics and automation companies

Cloud and Internet of Things companies

Investment firms focused on automation

Product and service providers of all types

Governments and NGO R&D organizations

Report Benefits:

Forecasts through 2021

Understand AI technologies

Identify leading AI companies

Learn about leading AI solutions

Learn about key AI M&A activity

Identify AI integration with applications

Understand AI on communications and apps

Organizations in Report:

Arizona State University

6Wunderkinder GmbH

Adometry

ANZ Global Wealth

Apple

BigPark

Blekko

Boston Dynamics

Bot & Dolly

Bridgewater

Canesta, Inc.

Charles Schwab

Colloquis

Cylance

Dark Blue Labs

Datazen Software, Inc.

DeepMind Technologies

DNNresearch Inc.

Emotient

Equivio

Explorys

Face.com

Faceshift

FingerWorks

Flutter

Georgia State University

Google

Harvard University

Holomni

IBM

Industrial Perception

Jetpac

IchemyAPI

LiveLoop

Mapsense

Meka Robotics

Metaio

Microsoft

Mobile Data Labs, Inc.

Neustar

N-trig

Oculus VR

Pebbles

Perceptio

Perceptive Pixel

Phonetic Arts

PittPatt

Polar Rose

Poly9

Redwood Robotics

Revolution Analytics

Rosetta Biosoftware

Salesforce.com

SayNow

SCHAFT, Inc.

Sentillion, Inc.

Siri

spider.io

Surreal Vision

The University of Birmingham

The University of Leeds

The University of Liverpool - Chester College

The University of Manchester University of York

The Weather Company digital assets

University of Edinburgh

Videosurf

Viewdle

Vision Factory

VocallQ

Wavii

Wit.ai

Yale University

Your.MD

Contents

1 INTRODUCTION

- 1.1 Research Background
- 1.2 Scope of the Research
- 1.3 Organizations in Report

2 EXECUTIVE SUMMARY

3 OVERVIEW

- 3.1 Introduction to Artificial Intelligence
- 3.2 Market Definitions
 - 3.2.1 Client
 - 3.2.2 Intelligent Software Agent
 - 3.2.3 Problem Solving
 - 3.2.4 Algorithms
- 3.3 History of Artificial Intelligence
- 3.4 Key Characteristics of Artificial Intelligence
 - 3.4.1 Reasoning and Problem Solving
 - 3.4.2 Knowledge Representation and Knowledge Engineering
 - 3.4.3 Planning
 - 3.4.4 Natural Language Processing
 - 3.4.5 Machine Perception
 - 3.4.6 Motion and Manipulation
 - 3.4.7 Data Mining
- 3.5 Machine Learning
 - 3.5.1 Deep Learning
- 3.6 Cognitive Computing

4 THE GLOBAL ARTIFICIAL INTELLIGENCE MARKETPLACE

- 4.1 Global Markets for Artificial Intelligence 2016 - 2021
- 4.2 Artificial Intelligence Markets by Technologies 2016 - 2021
 - 4.2.1 Markets for Data Mining Technology in Artificial Intelligence 2016 - 2021
 - 4.2.2 Markets for Machine Perception Technology in Artificial Intelligence 2016 - 2021
 - 4.2.3 Markets for Pattern Recognition Technology in Artificial Intelligence 2016 - 2021
 - 4.2.4 Markets for Intelligent Decision Support Systems Technology in AI 2016 - 2021

- 4.2.5 Markets for Natural Language Processing Technology in AI 2016 - 2021
- 4.3 Markets for AI by Key Application Areas 2016 - 2021
 - 4.3.1 AI Markets for Marketing and Business Decision Making 2016 - 2021
 - 4.3.2 AI Markets for Workplace Automation 2016 - 2021
 - 4.3.3 AI Markets for Predictive Analysis and Forecast 2016 - 2021
 - 4.3.4 AI Markets for Fraud Detection and Classification 2016 - 2021
- 4.4 Market for AI by Key Industry Verticals 2016 - 2021
 - 4.4.1 AI Market for Internet related Services and Products 2016 - 2021
 - 4.4.2 AI Markets for Financial Services 2016 - 2021
 - 4.4.3 AI Market for Medical and Bio-Informatics 2016 - 2021
 - 4.4.4 AI Market for Manufacturing and Heavy Industry 2016 - 2021
 - 4.4.5 AI Market for Telecommunications 2016 - 2021
- 4.5 Regional Markets for AI 2016 - 2021

5 AI INDUSTRY ANALYSIS

- 5.1 Vendor Ecosystem in AI
- 5.2 Key Mergers and Acquisitions in AI
 - 5.2.1 Google acquires various Companies in AI
 - 5.2.2 IBM Acquisition of Companies Working in AI
 - 5.2.3 Facebook Acquisition of Companies working in AI
 - 5.2.4 Microsoft Acquisition of Companies Working in AI
 - 5.2.5 Apple Acquisition of Companies Working in AI
- 5.3 Limitations and Challenges for Expansion of Artificial Intelligence
- 5.4 Artificial Intelligence Opportunities and Drivers
- 5.5 An Emerging Area: Artificial Intelligence and Digital Security

Figures

FIGURES

Figure 1: Global AI Market Value 2016 - 2021

Figure 2: Overall Artificial Intelligence Functionality

Figure 3: Artificial Intelligence Market 2016 - 2021

Figure 4: Artificial Intelligence Market by End user Segment 2016 - 2021

Figure 5: Artificial Intelligence by Sub-category 2016 - 2021

Figure 6: Artificial Intelligence Market by Technologies 2016 - 2021

Figure 7: Market for Data Mining Technology in Artificial Intelligence 2016 - 2021

Figure 8: Market for Machine Perception Technology in Artificial Intelligence 2016 - 2021

Figure 9: Market for Pattern Recognition Technology in Artificial Intelligence 2016 - 2021

Figure 10: Market for Intelligent Decision Support Systems Technology in AI 2016 - 2021

Figure 11: Market for Natural Language Processing Technology in AI 2016 - 2021

Figure 12: Artificial Intelligence Market by Applications 2016 - 2021

Figure 13: AI Market for Marketing and Business Decision Making 2016 - 2021

Figure 14: Artificial Intelligence Market for Workplace Automation 2016 - 2021

Figure 15: Artificial Intelligence Market for Predictive Analysis and Forecast 2016 - 2021

Figure 16: AI Market for Fraud Detection and Classification 2016 - 2021

Figure 17: Artificial Intelligence Markets by Industry: 2016 - 2021

Figure 18: AI Market for Internet Services and Products 2016 - 2021

Figure 19: Artificial Intelligence Market for Financial Services 2016 - 2021

Figure 20: Artificial Intelligence Market for Medical and Bio-informatics 2016 - 2021

Figure 21: AI Market for Manufacturing and Heavy Industry 2016 - 2021

Figure 22: Artificial Intelligence Market for Telecommunications 2016 - 2021

Figure 23: Regional Markets for Artificial Intelligence 2016 - 2021

Figure 24: Artificial Intelligence support of Security in the Internet of Things (IoT)

Tables

TABLES

Table 1: Artificial Intelligence Market 2016 - 2021

Table 2: Artificial Intelligence Market by End user segment 2016 - 2021

Table 3: Artificial Intelligence by Sub-category 2016 - 2021

Table 4: Artificial Intelligence Market by Technologies 2016 - 2021

Table 5: Market for Data Mining Technology in Artificial Intelligence 2016 - 2021

Table 6: Market for Machine Perception Technology in Artificial Intelligence 2016 - 2021

Table 7: Market for Pattern Recognition Technology in Artificial Intelligence 2016 - 2021

Table 8: Market for Intelligent Decision Support Systems Technology in AI 2016 - 2021

Table 9: Market for Natural Language Processing Technology in AI: 2016 - 2021

Table 10: Artificial Intelligence Market by Applications 2016 - 2021

Table 11: AI Market for Marketing and Business Decision Making 2016 - 2021

Table 12: Artificial Intelligence Market for Workplace Automation 2016 - 2021

Table 13: Artificial Intelligence Market for Predictive Analysis and Forecast 2016 - 2021

Table 14: Artificial Intelligence Market for Fraud Detection and Classification 2016 - 2021

Table 15: Artificial Intelligence Markets by Industry 2016 - 2021

Table 16: Artificial Intelligence Market for Internet Services and Products: 2016 - 2021

Table 17: Artificial Intelligence Market for Financial Services 2016 - 2021

Table 18: Artificial Intelligence Market for Medical and Bio-informatics 2016 - 2021

Table 19: Artificial Intelligence Market for Manufacturing and Heavy Industry 2016 - 2021

Table 20: Artificial Intelligence Market for Telecommunications 2016 - 2021

Table 21: Regional Markets for Artificial Intelligence 2016 - 2021

Table 22: Google Artificial Intelligence Acquisitions

Table 23: IBM Artificial Intelligence Acquisitions

Table 24: Facebook Artificial Intelligence Acquisitions

Table 25: Microsoft in Artificial Intelligence Acquisitions

Table 26: Apple Artificial Intelligence Acquisitions

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