

Machine Learning as a Service Market by Component (Software and Services), by Organization Size (Large Enterprises and Small & Medium Enterprises), by End-Use Industry (Aerospace & Defense, IT & Telecom, Energy & Utilities, Public sector, Manufacturing, BFSI, Healthcare, Retail, and Others), and by Application (Marketing & Advertising, Fraud Detection & Risk Management, Predictive analytics, Augmented & Virtual reality, Natural Language processing, Computer vision, Security & surveillance, and Others) - Global Opportunity Analysis and Industry Forecast, 2016-2023

<https://marketpublishers.com/r/M34F49E5193EN.html>

Date: August 2017

Pages: 204

Price: US\$ 4,833.00 (Single User License)

ID: M34F49E5193EN

Abstracts

Machine learning is a process of data analysis that comprises of statistical data analysis performed to derive desired predictive output without the implementation of explicit programming. It is designed to incorporate the functionalities of artificial intelligence (AI) and cognitive computing involving a series of algorithms and is used to understand the relationship between datasets to obtain a desired output. Machine learning as a service (MLaaS) incorporates range of services that offer machine learning tools through cloud computing services. The global machine learning as a service market was valued at \$571 million in 2016, and is projected to reach \$5,537 million by 2023, growing at a CAGR of 39.0% from 2017 to 2023.

Increased penetration of cloud-based solutions, growth associated with artificial intelligence and cognitive computing market, and increase in market for prediction

solutions drive the market growth. In addition, growth in IT expenditure in emerging nations and technological advancements for workflow optimization fuel the demand for advanced analytical systems driving the machine learning as a service market growth. However, dearth of trained professionals is expected to impede the machine learning as a service market share. Furthermore, increased application areas and growth of IoT is expected to create lucrative opportunities for machine learning as a service market growth.

The global machine learning as a service market is segmented based on component, organization size, end-use industry, application, and geography. The component segment is bifurcated into software and services. Based on organization size, it is divided into large enterprises and small & medium enterprises. The application segment is categorized into marketing & advertising, fraud detection & risk management, predictive analytics, augmented & virtual reality, natural language processing, computer vision, security & surveillance, and others. On the basis of end-use industry, it is classified into aerospace & defense, IT & telecom, energy & utilities, public sector, manufacturing, BFSI, healthcare, retail, and others. By geography, the machine learning as a service market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key players that operate in the machine learning as a service market are Google Inc., SAS Institute Inc., FICO, Hewlett Packard Enterprise, Yottamine Analytics, Amazon Web Services, BigML, Inc., Microsoft Corporation, Predictron Labs Ltd., and IBM Corporation.

KEY BENEFITS FOR STAKEHOLDERS

This report provides an overview of the trends, structure, drivers, challenges, and opportunities in the global machine learning as a service market.

Porter's Five Forces analysis highlights the potential of buyers & suppliers, and provides insights on the competitive structure of the market to determine the investment pockets.

Current and future trends adopted by the key market players are highlighted to determine overall competitiveness.

The quantitative analysis of the machine learning as a service market growth from 2017 to 2023 is provided to elaborate the market potential.

KEY MARKET SEGMENTS

By Component

Software

Services
By Organization Size
Large Enterprises
Small & Medium Enterprises
By End-Use Industry
Aerospace & Defence
IT & Telecom
Energy & Utilities
Public sector
Manufacturing
BFSI
Healthcare
Retail
Others
By Application
Marketing & Advertising
Fraud Detection & Risk Management
Predictive analytics
Augmented & Virtual reality
Natural Language processing
Computer vision
Security & surveillance
Others
By Geography
North America
U.S.
Canada
Mexico
Europe
UK
France
Germany
Rest of Europe
Asia-Pacific
China
Japan
India
Rest of Asia-Pacific
LAMEA

Latin America

Middle East

Africa

Key players profiled in the report

Google Inc.

SAS Institute Inc.

FICO

Hewlett Packard Enterprise

Yottamine Analytics

Amazon Web Services

BigML, Inc.

Microsoft Corporation

Predictron Labs Ltd.

IBM Corporation

Contents

CHAPTER 1 INTRODUCTION

- 1.1. REPORT DESCRIPTION
- 1.2. KEY BENEFITS
- 1.3. KEY MARKET SEGMENTS
- 1.4. KEY MARKET SEGMENTATION
- 1.5. RESEARCH METHODOLOGY
 - 1.5.1. Secondary research
 - 1.5.2. Primary research
 - 1.5.3. Analyst tools and models

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1. CXO PERSPECTIVE

CHAPTER 3 MARKET OVERVIEW

- 3.1. MARKET DEFINITION AND SCOPE
- 3.2. KEY FINDINGS
 - 3.2.1. Top impacting factors
 - 3.2.2. Top investment pockets
 - 3.2.3. Top winning strategies
- 3.3. PORTERS FIVE FORCES ANALYSIS
 - 3.3.1. Moderate-to-low bargaining power of suppliers
 - 3.3.2. Moderate-to-low bargaining power of buyers
 - 3.3.3. Moderate-to-high threat of substitutes
 - 3.3.4. High threat of new entrants
 - 3.3.5. Moderate-to-high competitive rivalry
- 3.4. KEY PLAYER POSITIONING, 2016 (%)
- 3.5. MARKET DYNAMICS
 - 3.5.1. Drivers
 - 3.5.1.1. Increased market for cloud computing
 - 3.5.1.2. Growth associated with artificial intelligence and cognitive computing
 - 3.5.2. Restraints
 - 3.5.2.1. Dearth of trained professionals.
 - 3.5.3. Opportunities
 - 3.5.3.1. Increased adoption of analytical solutions

3.5.3.2. Increased application areas

CHAPTER 4 GLOBAL MACHINE LEARNING AS A SERVICE MARKET, BY COMPONENT

4.1. OVERVIEW

4.2. SOFTWARE

4.2.1. Key market trends

4.2.2. Key growth factors and opportunities

4.2.3. Market size and forecast

4.3. SERVICES

4.3.1. Key market trends

4.3.2. Key growth factors and opportunities

4.3.3. Market size and forecast

CHAPTER 5 GLOBAL MACHINE LEARNING AS A SERVICE MARKET, BY ORGANIZATION SIZE

5.1. OVERVIEW

5.2. LARGE ENTERPRISES

5.2.1. Key market trends

5.2.2. Key growth factors and opportunities

5.2.3. Market size and forecast

5.3. SMALL AND MEDIUM ENTERPRISES

5.3.1. Key market trends

5.3.2. Key growth factors and opportunities

5.3.3. Market size and forecast

CHAPTER 6 GLOBAL MACHINE LEARNING AS A SERVICE MARKET, BY END-USE INDUSTRY

6.1. OVERVIEW

6.2. AEROSPACE & DEFENCE

1.2.1. Key market trends

1.2.1 Key Growth Factors and Opportunities

1.2.2. Market size and forecast

6.3. IT & TELECOM

1.2.3. Key market trends

1.3.1 Key Growth Factors and Opportunities

- 1.2.4. Market size and forecast
- 6.4. ENERGY & UTILITIES
 - 1.2.5. Key market trends
 - 1.3.2 Key Growth factors and Opportunities
 - 1.2.6. Market size and forecast
- 6.5. PUBLIC SECTOR
 - 1.2.7. Key market trends
 - 1.4.1 Key Growth Factors and Opportunities
 - 1.2.8. Market size and forecast
- 6.6. MANUFACTURING
 - 1.2.9. Key market trends
 - 1.3.3 Key Growth factors and Opportunities
 - 1.2.10. Market size and forecast
- 6.7. BANKING, FINANCIAL SERVICES, & INSURANCE (BFSI)
 - 1.2.11. Key market trends
 - 1.3.4 Key Growth Factors and Opportunities
 - 1.2.12. Market size and forecast
- 6.8. HEALTHCARE
 - 1.2.13. Key market trends
 - 1.6.1 Key Growth Factors and Opportunities
 - 1.2.14. Market size and forecast
- 6.9. RETAIL
 - 1.2.15. Key market trends
 - 1.5.1 Key Growth Factors and Opportunities
 - 1.2.16. Market size and forecast
- 6.10. OTHERS
 - 1.2.17. Key market trends
 - 1.3.5 Key Growth factors and Opportunities
 - 1.2.18. Market size and forecast

CHAPTER 7 GLOBAL COMMERCIAL AIRCRAFT HEATH MONITORING SYSTEM MARKET, BY APPLICATION

- 7.1. OVERVIEW
- 7.2. MARKETING AND ADVERTISING
 - 7.2.1. Key market trends
 - 7.2.2. Key growth factors and opportunities
 - 7.2.3. Market size and forecast
- 7.3. FRAUD DETECTION AND RISK MANAGEMENT

- 7.3.1. Key market trends
- 7.3.2. Key growth factors and opportunities
- 7.3.3. Market size and forecast
- 7.4. PREDICTIVE ANALYTICS
 - 7.4.1. Key market trends
 - 7.4.2. Key growth factors and opportunities
 - 7.4.3. Market size and forecast
- 7.5. AUGMENTED & VIRTUAL REALITY
 - 7.5.1. Key market trends
 - 7.5.2. Key growth factors and opportunities
 - 7.5.3. Market size and forecast
- 7.6. NATURAL LANGUAGE PROCESSING
 - 7.6.1. Key market trends
 - 7.6.2. Key growth factors and opportunities
 - 7.6.3. Market size and forecast
- 7.7. COMPUTER VISION
 - 7.7.1. Key market trends
 - 7.7.2. Key growth factors and opportunities
 - 7.7.3. Market size and forecast
- 7.8. SECURITY AND SURVEILLANCE
 - 7.8.1. Key market trends
 - 7.8.2. Key growth factors and opportunities
 - 7.8.3. Market size and forecast
- 7.9. OTHERS
 - 7.9.1. Key market trends
 - 7.9.2. Key growth factors and opportunities
 - 7.9.3. Market size and forecast

CHAPTER 8 MACHINE LEARNING AS A SERVICE MARKET, BY REGION

- 8.1. OVERVIEW
- 8.2. NORTH AMERICA
 - 8.2.1. Key market trends
 - 8.2.2. Key growth factors and opportunities
 - 8.2.3. Market size and forecast
 - 8.2.3.1. Market size and forecast by country
 - 8.2.3.2. U.S.
 - 8.2.3.3. Market size and forecast
 - 8.2.3.4. Canada

8.2.3.5. Market size and forecast

8.2.3.6. Mexico

8.2.3.7. Market size and forecast

8.3. EUROPE

8.3.1. Key market trends

8.3.2. Key growth factors and opportunities

8.3.3. Market size and forecast

8.3.3.1. Market size and forecast by country

8.3.3.2. UK

8.3.3.3. Market size and forecast

8.3.3.4. Germany

8.3.3.5. Market size and forecast

8.3.3.6. France

8.3.3.7. Market size and forecast

8.3.3.8. Rest of Europe

8.3.3.9. Market size and forecast

8.4. ASIA-PACIFIC

8.4.1. Key market trends

8.4.2. Key growth factors and opportunities

8.4.3. Market size and forecast

8.4.3.1. Market size and forecast by country

8.4.3.2. China

8.4.3.3. Market size and forecast

8.4.3.4. Japan

8.4.3.5. Market size and forecast

8.4.3.6. India

8.4.3.7. Market size and forecast

8.4.3.8. Rest of Asia-Pacific

8.4.3.9. Market size and forecast

8.5. LATIN AMERICA, THE MIDDLE EAST, & AFRICA (LAMEA)

8.5.1. Key market trends

8.5.2. Key growth factors and opportunities

8.5.3. Market size and forecast

8.5.3.1. Market size and forecast by region

8.5.3.2. Latin America

8.5.3.3. Market size and forecast

8.5.3.4. Middle East

8.5.3.5. Market size and forecast

8.5.3.6. Africa

8.5.3.7. Market size and forecast

CHAPTER 9 COMPANY PROFILES

9.1. GOOGLE INC.

9.1.1. Company Overview

9.1.2. Financial performance

9.1.3. Key strategies & developments

9.2. SAS INSTITUTE INC.

9.2.1. Company Overview

9.2.2. Financial performance

9.2.3. Key strategies & developments

9.3. FICO

9.3.1. Company Overview

9.3.2. Financial performance

9.3.3. Key strategies & developments

9.4. HEWLETT PACKARD ENTERPRISE

9.4.1. Company Overview

9.4.2. Financial performance

9.4.3. Key strategies & developments

9.5. YOTTAMINE ANALYTICS

9.5.1. Company Overview

9.5.2. Financial performance

9.5.3. Key strategies & developments

9.6. AMAZON WEB SERVICES

9.6.1. Company Overview

9.6.2. Financial performance

9.6.3. Key strategies & developments

9.7. BIGML, INC.

9.7.1. Company Overview

9.7.2. Financial performance

9.7.3. Key strategies & developments

9.8. MICROSOFT CORPORATION

9.8.1. Company Overview

9.8.2. Financial performance

9.8.3. Key strategies & developments

9.9. PREDICTRON LABS LTD.

9.9.1. Company Overview

9.9.2. Financial performance

9.9.3. Key strategies & developments

9.10. IBM CORPORATION

9.10.1. Company Overview

9.10.2. Financial performance

9.10.3. Key strategies & developments

List Of Tables

LIST OF TABLES

TABLE 1. GLOBAL MACHINE LEARNING AS A SERVICE MARKET REVENUE, BY COMPONENT, 2016-2023 (\$MILLION)

TABLE 2. SOFTWARE MARKET BY GEOGRAPHY, 2016-2023 (\$MILLION)

TABLE 3. SERVICES MARKET BY GEOGRAPHY, 2016-2023 (\$MILLION)

TABLE 4. GLOBAL MACHINE LEARNING AS A SERVICE MARKET REVENUE, BY ORGANIZATION SIZE, 2016-2023 (\$MILLION)

TABLE 5. LARGE ENTERPRISES MARKET BY GEOGRAPHY, 2016-2023 (\$MILLION)

TABLE 6. SMALL AND MEDIUM ENTERPRISES MARKET BY GEOGRAPHY, 2016-2023 (\$MILLION)

TABLE 7. GLOBAL MACHINE LEARNING AS A SERVICE MARKET REVENUE, BY END-USE INDUSTRY, 2016-2023 (\$MILLION)

TABLE 8. AEROSPACE AND DEFENSE MACHINE LEARNING AS A SERVICE MARKET, BY REGION, 2016-2023 (\$MILLION)

TABLE 9. IT AND TELECOM MACHINE LEARNING AS A SERVICE MARKET, BY REGION, 2016-2023 (\$MILLION)

TABLE 10. ENERGY AND UTILITIES MACHINE LEARNING AS A SERVICE MARKET, BY REGION, 2016-2023 (\$MILLION)

TABLE 11. PUBLIC SECTOR MACHINE LEARNING AS A SERVICE MARKET, BY REGION, 2016-2023 (\$MILLION)

TABLE 12. MANUFACTURING MACHINE LEARNING AS A SERVICE MARKET, BY REGION, 2016-2023 (\$MILLION)

TABLE 13. BFSI MACHINE LEARNING AS A SERVICE MARKET, BY REGION, 2016-2023 (\$MILLION)

TABLE 14. HEALTHCARE MACHINE LEARNING AS A SERVICE MARKET, BY REGION, 2016-2023 (\$MILLION)

TABLE 15. RETAIL MACHINE LEARNING AS A SERVICE MARKET, BY REGION, 2016-2023 (\$MILLION)

TABLE 16. OTHERS MACHINE LEARNING AS A SERVICE MARKET, BY REGION, 2016-2023 (\$MILLION)

TABLE 17. GLOBAL MACHINE LEARNING AS A SERVICE MARKET REVENUE, BY APPLICATION, 2016-2023 (\$MILLION)

TABLE 18. MARKETING AND ADVERTISING MARKET BY GEOGRAPHY, 2016-2023 (\$MILLION)

TABLE 19. FRAUD DETECTION AND RISK MANAGEMENT MARKET BY GEOGRAPHY, 2016-2023 (\$MILLION)

TABLE 20. PREDICTIVE ANALYTICS MARKET BY GEOGRAPHY, 2016-2023 (\$MILLION)

TABLE 21. AUGMENTED & VIRTUAL REALITY MARKET, BY GEOGRAPHY, 2016-2023 (\$MILLION)

TABLE 22. NATURAL LANGUAGE PROCESSING MARKET, BY GEOGRAPHY, 2016-2023 (\$MILLION)

TABLE 23. COMPUTER VISION MARKET, BY GEOGRAPHY, 2016-2023 (\$MILLION)

TABLE 24. SECURITY AND SURVEILLANCE MARKET, BY GEOGRAPHY, 2016-2023 (\$MILLION)

TABLE 25. OTHERS MARKET, BY GEOGRAPHY, 2016-2023 (\$MILLION)

TABLE 26. MACHINE LEARNING AS A SERVICE MARKET BY REGION, 2016-2023 (\$MILLION)

TABLE 27. NORTH AMERICA: MACHINE LEARNING AS A SERVICE MARKET BY COUNTRY, 2016-2023 (\$MILLION)

TABLE 28. EUROPE: MACHINE LEARNING AS A SERVICE MARKET BY COUNTRY, 2016-2023 (\$MILLION)

TABLE 29. ASIA-PACIFIC: MACHINE LEARNING AS A SERVICE MARKET BY COUNTRY, 2016-2023 (\$MILLION)

TABLE 30. LAMEA: MACHINE LEARNING AS A SERVICE MARKET BY REGION, 2016-2023 (\$MILLION)

TABLE 31. COMPANY SNAPSHOT: GOOGLE INC.

TABLE 32. COMPANY SNAPSHOT: SAS INSTITUTE INC.

TABLE 33. COMPANY SNAPSHOT: FICO

TABLE 34. COMPANY SNAPSHOT: HEWLETT PACKARD ENTERPRISE

TABLE 35. COMPANY SNAPSHOT: YOTTAMINE ANALYTICS

TABLE 36. COMPANY SNAPSHOT: AMAZON WEB SERVICES

TABLE 37. COMPANY SNAPSHOT: BIGML, INC.

TABLE 38. COMPANY SNAPSHOT: MICROSOFT CORPORATION

TABLE 39. COMPANY SNAPSHOT: PREDICTRON LABS LTD.

TABLE 40. COMPANY SNAPSHOT: IBM CORPORATION

List Of Figures

LIST OF FIGURES

FIGURE 1. KEY MARKET SEGMENTATION

FIGURE 2. ASIA-PACIFIC: A LUCRATIVE MARKET FOR MACHINE LEARNING AS A SERVICE MARKET

FIGURE 3. TOP IMPACTING FACTORS

FIGURE 4. TOP INVESTMENT POCKETS IN THE GLOBAL MACHINE LEARNING AS A SERVICE MARKET

FIGURE 5. TOP WINNING STRATEGIES

FIGURE 6. TOP WINNING STRATEGY

FIGURE 7. BARGAINING POWER OF SUPPLIERS

FIGURE 8. BARGAINING POWER OF BUYERS

FIGURE 9. THREAT OF SUBSTITUTES

FIGURE 10. THREAT OF NEW ENTRANTS

FIGURE 11. COMPETITIVE RIVALRY

FIGURE 12. KEY PLAYER POSITIONING OF GLOBAL MACHINE LEARNING AS A SERVICE MARKET, 2016 (%)

FIGURE 13. MARKET DYNAMICS

FIGURE 14. MACHINE LEARNING AS A SERVICE MARKET BY COMPONENT

FIGURE 15. GLOBAL MACHINE LEARNING AS A SERVICE MARKET REVENUE, BY COMPONENT, 2016-2023 (\$MILLION)

FIGURE 16. MACHINE LEARNING AS A SERVICE MARKET BY ORGANIZATION SIZE

FIGURE 17. GLOBAL MACHINE LEARNING AS A SERVICE MARKET REVENUE, BY ORGANIZATION SIZE, 2016-2023 (\$MILLION)

FIGURE 18. MACHINE LEARNING AS A SERVICE MARKET, BY END-USE INDUSTRY

FIGURE 19. GLOBAL MACHINE LEARNING AS A SERVICE MARKET REVENUE, BY END-USE INDUSTRY, 2016-2023 (\$MILLION)

FIGURE 22. MACHINE LEARNING AS A SERVICE MARKET, BY REGION

FIGURE 23. NORTH AMERICA: MACHINE LEARNING AS A SERVICE MARKET

FIGURE 24. U.S. MACHINE LEARNING AS A SERVICE MARKET, 2016-2023 (\$MILLION)

FIGURE 25. CANADA MACHINE LEARNING AS A SERVICE MARKET, 2016-2023 (\$MILLION)

FIGURE 26. MEXICO MACHINE LEARNING AS A SERVICE MARKET, 2016-2023 (\$MILLION)

FIGURE 27. EUROPE: MACHINE LEARNING AS A SERVICE MARKET

FIGURE 28. U.K. MACHINE LEARNING AS A SERVICE MARKET, 2016-2023
(\$MILLION)

FIGURE 29. GERMANY MACHINE LEARNING AS A SERVICE MARKET, 2016-2023
(\$MILLION)

FIGURE 30. FRANCE MACHINE LEARNING AS A SERVICE MARKET, 2016-2023
(\$MILLION)

FIGURE 31. REST OF EUROPE MACHINE LEARNING AS A SERVICE MARKET,
2016-2023 (\$MILLION)

FIGURE 32. ASIA-PACIFIC: MACHINE LEARNING AS A SERVICE MARKET

FIGURE 33. CHINA MACHINE LEARNING AS A SERVICE MARKET, 2016-2023
(\$MILLION)

FIGURE 34. JAPAN MACHINE LEARNING AS A SERVICE MARKET, 2016-2023
(\$MILLION)

FIGURE 35. INDIA MACHINE LEARNING AS A SERVICE MARKET, 2016-2023
(\$MILLION)

FIGURE 36. REST OF ASIA-PACIFIC MACHINE LEARNING AS A SERVICE
MARKET, 2016-2023 (\$MILLION)

FIGURE 37. LAMEA: MACHINE LEARNING AS A SERVICE MARKET

FIGURE 38. LAMEA MACHINE LEARNING AS A SERVICE MARKET, 2016-2023
(\$MILLION)

FIGURE 39. MIDDLE EAST MACHINE LEARNING AS A SERVICE MARKET,
2016-2023 (\$MILLION)

FIGURE 40. AFRICA MACHINE LEARNING AS A SERVICE MARKET, 2016-2023
(\$MILLION)

FIGURE 41. FINANCIAL PERFORMANCE: GOOGLE INC.

FIGURE 42. FINANCIAL PERFORMANCE: SAS INSTITUTE INC.

FIGURE 43. FINANCIAL PERFORMANCE: FICO

FIGURE 44. FINANCIAL PERFORMANCE: HEWLETT PACKARD ENTERPRISE

FIGURE 45. FINANCIAL PERFORMANCE: YOTTAMINE ANALYTICS

FIGURE 46. FINANCIAL PERFORMANCE: AMAZON WEB SERVICES

FIGURE 47. FINANCIAL PERFORMANCE: BIGML, INC.

FIGURE 48. FINANCIAL PERFORMANCE: MICROSOFT CORPORATION

FIGURE 49. FINANCIAL PERFORMANCE: PREDICTRON LABS LTD.

FIGURE 50. FINANCIAL PERFORMANCE: IBM CORPORATION

I would like to order

Product name: Machine Learning as a Service Market by Component (Software and Services), by Organization Size (Large Enterprises and Small & Medium Enterprises), by End-Use Industry (Aerospace & Defense, IT & Telecom, Energy & Utilities, Public sector, Manufacturing, BFSI, Healthcare, Retail, and Others), and by Application (Marketing & Advertising, Fraud Detection & Risk Management, Predictive analytics, Augmented & Virtual reality, Natural Language processing, Computer vision, Security & surveillance, and Others) - Global Opportunity Analysis and Industry Forecast, 2016-2023

Product link: <https://marketpublishers.com/r/M34F49E5193EN.html>

Price: US\$ 4,833.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M34F49E5193EN.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