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Machine Learning in Communication Market, Global Outlook and Forecast 2022-2028

https://marketpublishers.com/r/M7F6F2839A6FEN.html
Date: March 2022
Pages: 61
Price: US$ 3,250.00 (Single User License)
ID: M7F6F2839A6FEN

Abstracts

The field of communications is traditionally built on precise mathematical models that are well understood and have been shown to work exceptionally well for many practical applications. Unfortunately, communication systems designers have been forced to push the boundaries to such an extent that in many applications conventional mathematical models and signal processing techniques are no longer sufficient to accurately describe the encountered complex scenarios. Specifically, there is an increasing number of cases where rigorous mathematical models are either not known or are entirely impractical from a computational perspective. Machine learning methods can come to the rescue as they do not require rigid pre-defined models and can extract meaningful structure from large amounts of data to provide useful results.

This report contains market size and forecasts of Machine Learning in Communication in Global, including the following market information:

Global Machine Learning in Communication Market Revenue, 2017-2022, 2023-2028, ($ millions)

Global top five companies in 2021 (%)

The global Machine Learning in Communication market was valued at million in 2021 and is projected to reach US$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at $ Million in 2021, While China is Forecast to Reach $ Million by 2028.

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Cloud-Based Segment to Reach $ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Machine Learning in Communication include Amazon, IBM, Microsoft, Google, Nextiva, Nexmo, Twilio, Dialpad and Cisco and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Machine Learning in Communication companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Machine Learning in Communication Market, by Type, 2017-2022, 2023-2028 ($ millions)

Global Machine Learning in Communication Market Segment Percentages, by Type, 2021 (%)

Cloud-Based

On-Premise

Global Machine Learning in Communication Market, by Application, 2017-2022, 2023-2028 ($ millions)

Global Machine Learning in Communication Market Segment Percentages, by Application, 2021 (%)

Network Optimization

Predictive Maintenance

Virtual Assistants

Robotic Process Automation (RPA)

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Global Machine Learning in Communication Market, By Region and Country, 2017-2022, 2023-2028 ($ Millions)

Global Machine Learning in Communication Market Segment Percentages, By Region and Country, 2021 (%)

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - France
  - U.K.
  - Italy
  - Russia
  - Nordic Countries
  - Benelux
  - Rest of Europe
- Asia
  - China
  - Japan
  - South Korea

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- Southeast Asia
- India
- Rest of Asia

South America

- Brazil
- Argentina
- Rest of South America

Middle East & Africa

- Turkey
- Israel
- Saudi Arabia
- UAE
- Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Machine Learning in Communication revenues in global market, 2017-2022 (estimated), ($ millions)

Key companies Machine Learning in Communication revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

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Amazon

IBM

Microsoft

Google

Nextiva

Nexmo

Twilio

Dialpad

Cisco

RingCentral

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