+44 20 8123 2220
info@marketpublishers.com

Global AI Infrastructure Market Size study, by Offering (Hardware, Software) by Deployment (On-Premises, Cloud, Hybrid) by Technology (Machine Learning, Deep Learning) by End-User (Enterprises, Government Organizations, Cloud Service Provider) by Function (Training, Inference) and Regional Forecasts 2022-2028

https://marketpublishers.com/r/G6F853E69F7BEN.html
Date: August 2022
Pages: 200
Price: US$ 4,950.00 (Single User License)
ID: G6F853E69F7BEN

Abstracts

Global AI Infrastructure Market is valued approximately USD 38.34 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 20.59 % over the forecast period 2022-2028. Artificial intelligence(AI) infrastructure involves use of deep learning machine technology upon which organizations can built intelligent self-predictive applications that requires minimal human assistance . Increasing adoption of cloud machine learning platform is key driving factor for the growth of global AI infrastructure market. organizations are beginning to recognize value of incorporation of AI into business as it reduces cost and increases proficiency through automation of process flow. In February 2019, IBM launched a new set of IoT solutions. The solutions team up advanced analytics and AI to aid asset-intensive companies to improve their maintenance strategies. The IoT solutions are designed with an aim to help companies to cut down the costs and risk of failure from assets such as turbines, vehicles, manufacturing robots, and mining equipment among others. Also, expanding utilization of AI Intelligence in industries like healthcare, automotive, BFSI, and tourism is expected to bolster the market growth of AI infrastructure. However, lack of AI hardware experts in the field is restraining the growth of AI infrastructure market.

The key regions considered for the Global AI Infrastructure Market study includes Asia Pacific, North America, Europe, Latin America and Rest of the World. North America

+44 20 8123 2220
info@marketpublishers.com

dominates the market and the region is expected to continue to do so in the coming years of the forecast period. The dominance of North America is primarily due to the presence of top market players and a high level of adoption in the region. Asia Pacific market is projected to show decent growth potential on account of the presence of emerging economies.

Major market player included in this report are:
Cisco (US)
IBM (US)
Intel Corporation (US)
SAMSUNG (South Korea)
Google (US)
Microsoft (US)
Micron Technology, Inc (US)
NVIDIA Corporation (US)
Oracle (US)
Arm Limited (UK)

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:
By Offering:
Hardware
Software
By Deployment
On-Premises
Cloud
Hybrid
By Technology:
Machine Learning
Deep Learning
By End-User :
Enterprises

+44 20 8123 2220
info@marketpublishers.com

Government Organizations
Cloud Service Provider
By Function:
Training
Inference
By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020
Base year – 2021
Forecast period – 2022 to 2028

Target Audience of the Global AI Infrastructure Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises

+44 20 8123 2220
info@marketpublishers.com

Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

+44 20 8123 2220
info@marketpublishers.com

Contents

CHAPTER 1. EXECUTIVE SUMMARY

1.1. Market Snapshot
1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Billion)
  1.2.1. AI Infrastructure Market, by Region, 2020-2028 (USD Billion)
  1.2.2. AI Infrastructure Market, by Offering, 2020-2028 (USD Billion)
  1.2.3. AI Infrastructure Market, by Deployment, 2020-2028 (USD Billion)
  1.2.4. AI Infrastructure Market, by Technology, 2020-2028 (USD Billion)
  1.2.5. AI Infrastructure Market, by End-User, 2020-2028 (USD Billion)
  1.2.6. AI Infrastructure Market, by Function, 2020-2028 (USD Billion)
1.3. Key Trends
1.4. Estimation Methodology
1.5. Research Assumption

CHAPTER 2. GLOBAL AI INFRASTRUCTURE MARKET DEFINITION AND SCOPE

2.1. Objective of the Study
2.2. Market Definition & Scope
  2.2.1. Scope of the Study
  2.2.2. Industry Evolution
2.3. Years Considered for the Study
2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL AI INFRASTRUCTURE MARKET DYNAMICS

3.1. AI Infrastructure Market Impact Analysis (2020-2028)
  3.1.1. Market Drivers
    3.1.1.1. Rise in Awareness regarding Artificial Intelligence (AI)
    3.1.1.2. High Investments in Compute-Intensive Chip
  3.1.2. Market Challenges
    3.1.2.1. Lack of AI hardware experts
  3.1.3. Market Opportunities
    3.1.3.1. Expanding usage of AI applications in vertical industries

CHAPTER 4. GLOBAL AI INFRASTRUCTURE MARKET INDUSTRY ANALYSIS

4.1. Porter’s 5 Force Model

+44 20 8123 2220
info@marketpublishers.com

4.1.1. Bargaining Power of Suppliers
4.1.2. Bargaining Power of Buyers
4.1.3. Threat of New Entrants
4.1.4. Threat of Substitutes
4.1.5. Competitive Rivalry
4.1.6. Futuristic Approach to Porter’s 5 Force Model (2018-2028)
4.2. PEST Analysis
4.2.1. Political
4.2.2. Economical
4.2.3. Social
4.2.4. Technological
4.3. Investment Adoption Model
4.4. Analyst Recommendation & Conclusion
4.5. Top investment opportunity
4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

5.1.1. Assessment of the overall impact of COVID-19 on the industry
5.1.2. Pre COVID-19 and post COVID-19 market scenario

CHAPTER 6. GLOBAL AI INFRASTRUCTURE MARKET, BY OFFERING

6.1. Market Snapshot
6.2. Global AI Infrastructure Market by Offering, Performance - Potential Analysis
6.3. Global AI Infrastructure Market Estimates & Forecasts by Offering 2018-2028 (USD Billion)
6.4. AI Infrastructure Market, Sub Segment Analysis
6.4.1. Hardware
6.4.2. Software

CHAPTER 7. GLOBAL AI INFRASTRUCTURE MARKET, BY DEPLOYMENT

7.1. Market Snapshot
7.2. Global AI Infrastructure Market by Deployment, Performance - Potential Analysis
7.3. Global AI Infrastructure Market Estimates & Forecasts by Deployment 2018-2028 (USD Billion)
7.4. AI Infrastructure Market, Sub Segment Analysis
7.4.1. On-Premises

+44 20 8123 2220
info@marketpublishers.com

7.4.2. Cloud
7.4.3. Hybrid

CHAPTER 8. GLOBAL AI INFRASTRUCTURE MARKET, BY TECHNOLOGY

8.1. Market Snapshot
8.2. Global AI Infrastructure Market by Technology, Performance - Potential Analysis
8.3. Global AI Infrastructure Market Estimates & Forecasts by Technology 2018-2028 (USD Billion)
8.4. AI Infrastructure Market, Sub Segment Analysis
8.4.1. Machine Learning
8.4.2. Deep Learning

CHAPTER 9. GLOBAL AI INFRASTRUCTURE MARKET, BY END-USER

9.1. Market Snapshot
9.2. Global AI Infrastructure Market by End-User , Performance - Potential Analysis
9.3. Global AI Infrastructure Market Estimates & Forecasts by End-User 2018-2028 (USD Billion)
9.4. AI Infrastructure Market, Sub Segment Analysis
9.4.1. Enterprises
9.4.2. Government Organizations
9.4.3. Cloud Service Provider

CHAPTER 10. GLOBAL AI INFRASTRUCTURE MARKET, BY FUNCTION

10.1. Market Snapshot
10.2. Global AI Infrastructure Market by, Function - Potential Analysis
10.3. Global AI Infrastructure Market Estimates & Forecasts by Function 2018-2028 (USD Billion)
10.4. AI Infrastructure Market, Sub Segment Analysis
10.4.1. Training
10.4.2. Inference

CHAPTER 11. GLOBAL AI INFRASTRUCTURE MARKET, REGIONAL ANALYSIS

11.1. AI Infrastructure Market, Regional Market Snapshot
11.2. North America AI Infrastructure Market
11.2.1. U.S. AI Infrastructure Market

+44 20 8123 2220
info@marketpublishers.com

11.2.1.1. Offering breakdown estimates & forecasts, 2018-2028
11.2.1.2. Deployment breakdown estimates & forecasts, 2018-2028
11.2.1.3. Technology breakdown estimates & forecasts, 2018-2028
11.2.1.4. End-User breakdown estimates & forecasts, 2018-2028
11.2.1.5. Function breakdown estimates & forecasts, 2018-2028
11.2.2. Canada AI Infrastructure Market
11.3. Europe AI Infrastructure Market Snapshot
11.3.1. U.K. AI Infrastructure Market
11.3.2. Germany AI Infrastructure Market
11.3.3. France AI Infrastructure Market
11.3.4. Spain AI Infrastructure Market
11.3.5. Italy AI Infrastructure Market
11.3.6. Rest of Europe AI Infrastructure Market
11.4. Asia-Pacific AI Infrastructure Market Snapshot
11.4.1. China AI Infrastructure Market
11.4.2. India AI Infrastructure Market
11.4.3. Japan AI Infrastructure Market
11.4.4. Australia AI Infrastructure Market
11.4.5. South Korea AI Infrastructure Market
11.4.6. Rest of Asia Pacific AI Infrastructure Market
11.5. Latin America AI Infrastructure Market Snapshot
11.5.1. Brazil AI Infrastructure Market
11.5.2. Mexico AI Infrastructure Market
11.6. Rest of The World AI Infrastructure Market

CHAPTER 12. COMPETITIVE INTELLIGENCE

12.1. Top Market Strategies
12.2. Company Profiles
12.2.1. Cisco (US)
12.2.1.1. Key Information
12.2.1.2. Overview
12.2.1.3. Financial (Subject to Data Availability)
12.2.1.4. Product Summary
12.2.1.5. Recent Developments
12.2.2. IBM (US)
12.2.3. Intel Corporation (US)
12.2.4. SAMSUNG (South Korea)
12.2.5. Google (US)

+44 20 8123 2220
info@marketpublishers.com

12.2.6. Microsoft (US)
12.2.7. Micron Technology, Inc (US)
12.2.8. NVIDIA Corporation (US)
12.2.9. Oracle (US)
12.2.10. Arm Limited (UK)

CHAPTER 13. RESEARCH PROCESS

13.1. Research Process
13.1.1. Data Mining
13.1.2. Analysis
13.1.3. Market Estimation
13.1.4. Validation
13.1.5. Publishing
13.2. Research Attributes
13.3. Research Assumption

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

TABLE 1. Global AI Infrastructure Market, report scope
TABLE 2. Global AI Infrastructure Market estimates & forecasts by Region 2018-2028 (USD Billion)
TABLE 3. Global AI Infrastructure Market estimates & forecasts by Offering 2018-2028 (USD Billion)
TABLE 4. Global AI Infrastructure Market estimates & forecasts by Deployment 2018-2028 (USD Billion)
TABLE 5. Global AI Infrastructure Market estimates & forecasts by Technology 2018-2028 (USD Billion)
TABLE 6. Global AI Infrastructure Market estimates & forecasts by End-User 2018-2028 (USD Billion)
TABLE 7. Global AI Infrastructure Market estimates & forecasts by Function 2018-2028 (USD Billion)
TABLE 8. Global AI Infrastructure Market by segment, estimates & forecasts, 2018-2028 (USD Billion)
TABLE 9. Global AI Infrastructure Market by region, estimates & forecasts, 2018-2028 (USD Billion)
TABLE 10. Global AI Infrastructure Market by segment, estimates & forecasts, 2018-2028 (USD Billion)
TABLE 11. Global AI Infrastructure Market by region, estimates & forecasts, 2018-2028 (USD Billion)
TABLE 12. Global AI Infrastructure Market by segment, estimates & forecasts, 2018-2028 (USD Billion)
TABLE 13. Global AI Infrastructure Market by region, estimates & forecasts, 2018-2028 (USD Billion)
TABLE 14. Global AI Infrastructure Market by segment, estimates & forecasts, 2018-2028 (USD Billion)
TABLE 15. Global AI Infrastructure Market by region, estimates & forecasts, 2018-2028 (USD Billion)
TABLE 16. Global AI Infrastructure Market by segment, estimates & forecasts, 2018-2028 (USD Billion)
TABLE 17. Global AI Infrastructure Market by region, estimates & forecasts, 2018-2028 (USD Billion)
TABLE 18. U.S. AI Infrastructure Market estimates & forecasts, 2018-2028 (USD Billion)
TABLE 19. U.S. AI Infrastructure Market estimates & forecasts by segment 2018-2028

+44 20 8123 2220
info@marketpublishers.com

(USD Billion)
TABLE 20. U.S. AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 21. Canada AI Infrastructure Market estimates & forecasts, 2018-2028 (USD Billion)
TABLE 22. Canada AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 23. Canada AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 24. UK AI Infrastructure Market estimates & forecasts, 2018-2028 (USD Billion)
TABLE 25. UK AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 26. UK AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 27. Germany AI Infrastructure Market estimates & forecasts, 2018-2028 (USD Billion)
TABLE 28. Germany AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 29. Germany AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 30. RoE AI Infrastructure Market estimates & forecasts, 2018-2028 (USD Billion)
TABLE 31. RoE AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 32. RoE AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 33. China AI Infrastructure Market estimates & forecasts, 2018-2028 (USD Billion)
TABLE 34. China AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 35. China AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 36. India AI Infrastructure Market estimates & forecasts, 2018-2028 (USD Billion)
TABLE 37. India AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 38. India AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 39. Japan AI Infrastructure Market estimates & forecasts, 2018-2028 (USD Billion)

+44 20 8123 2220
info@marketpublishers.com

TABLE 40. Japan AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 41. Japan AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 42. RoAPAC AI Infrastructure Market estimates & forecasts, 2018-2028 (USD Billion)
TABLE 43. RoAPAC AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 44. RoAPAC AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 45. Brazil AI Infrastructure Market estimates & forecasts, 2018-2028 (USD Billion)
TABLE 46. Brazil AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 47. Brazil AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 48. Mexico AI Infrastructure Market estimates & forecasts, 2018-2028 (USD Billion)
TABLE 49. Mexico AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 50. Mexico AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 51. RoLA AI Infrastructure Market estimates & forecasts, 2018-2028 (USD Billion)
TABLE 52. RoLA AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 53. RoLA AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 54. Row AI Infrastructure Market estimates & forecasts, 2018-2028 (USD Billion)
TABLE 55. Row AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 56. Row AI Infrastructure Market estimates & forecasts by segment 2018-2028 (USD Billion)
TABLE 57. List of secondary sources, used in the study of Global AI Infrastructure Market
TABLE 58. List of primary sources, used in the study of Global AI Infrastructure Market
TABLE 59. Years considered for the study
TABLE 60. Exchange rates considered

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

FIG 1. Global AI Infrastructure Market, research methodology
FIG 2. Global AI Infrastructure Market, market estimation techniques
FIG 3. Global market size estimates & forecast methods
FIG 4. Global AI Infrastructure Market, key trends 2021
FIG 5. Global AI Infrastructure Market, growth prospects 2022-2028
FIG 6. Global AI Infrastructure Market, porters 5 force model
FIG 7. Global AI Infrastructure Market, pest analysis
FIG 8. Global AI Infrastructure Market, value chain analysis
FIG 9. Global AI Infrastructure Market by segment, 2018 & 2028 (USD Billion)
FIG 10. Global AI Infrastructure Market by segment, 2018 & 2028 (USD Billion)
FIG 11. Global AI Infrastructure Market by segment, 2018 & 2028 (USD Billion)
FIG 12. Global AI Infrastructure Market by segment, 2018 & 2028 (USD Billion)
FIG 13. Global AI Infrastructure Market by segment, 2018 & 2028 (USD Billion)
FIG 14. Global AI Infrastructure Market, regional snapshot 2018 & 2028
FIG 15. North America AI Infrastructure Market 2018 & 2028 (USD Billion)
FIG 16. Europe AI Infrastructure Market 2018 & 2028 (USD Billion)
FIG 17. Asia pacific AI Infrastructure Market 2018 & 2028 (USD Billion)
FIG 18. Latin America AI Infrastructure Market 2018 & 2028 (USD Billion)
FIG 19. Global AI Infrastructure Market, company market share analysis (2021)

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Global AI Infrastructure Market Size study, by Offering (Hardware, Software) by Deployment (On-Premises, Cloud, Hybrid) by Technology (Machine Learning, Deep Learning) by End-User (Enterprises, Government Organizations, Cloud Service Provider) by Function (Training, Inference) and Regional Forecasts 2022-2028

Product link: https://marketpublishers.com/r/G6F853E69F7BEN.html

Price: US$ 4,950.00 (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/G6F853E69F7BEN.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

Custumer signature _____

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

+44 20 8123 2220
info@marketpublishers.com

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