

Global AI Training Dataset Market Size Study & Forecast, By Type (Text, Image/Video, Audio), By Vertical (IT, Automotive, Government, Healthcare, BFSI, Retail & E-commerce, Others), and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/GED69B03BBC8EN.html>

Date: April 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GED69B03BBC8EN

Abstracts

Global AI Training Dataset Market is valued approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. AI training data comprises labeled instances used to train machine learning models, encompassing various formats like images, audio, text, or structured data. Each instance is associated with an output label defining its category or characteristics. This data educates ML algorithms to recognize patterns and make predictions, enabling to learn from labeled datasets and apply this knowledge to new, unseen data. The market growth is driven by key factors such as rapid growth of AI and machine learning, and growing applications of training dataset across diversified industry verticals.

Artificial Intelligence (AI) plays a crucial role in big data by enabling the extraction of sophisticated abstractions through hierarchical learning. This necessitates the mining and extraction of significant patterns from vast datasets, highlighting AI's importance in handling complex data analytics tasks. As per Statista, the value of AI, currently estimated at nearly \$100 billion, is projected to soar twentyfold by 2030, reaching nearly USD 2 trillion. This expansive market spans across numerous industries, encompassing supply chains, marketing, product development, research, analysis, and more. Major trends driving AI advancement include chatbots, image-generation AI, and mobile applications. Also, Machine learning represents a significant segment within the AI domain, constituting most of the AI software and initiatives. Proportionately, it stands as the largest segment in the AI market, projected to surge from approximately USD 140

billion to nearly USD 2 trillion by 2030. However, high installation costs, and infrastructure limitations stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global AI Training Dataset Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America is leading the market share of AI Training Dataset driven by the release of new datasets to bolster artificial intelligence adoption. Meanwhile, the Asia Pacific region is expected to be the fastest-growing region fueled by the adoption of emerging technologies and the presence of numerous market players. Developing nations like India exhibit high rates of technology adoption, attracting multiple players focused on expanding in the region. For instance, Microsoft launched an indoor location dataset, gathering data from buildings in Chinese cities, including geomagnetic fields and indoor Wi-Fi signatures.

Major market player included in this report are:

Microsoft Corporation

Google, LLC (Kaggle)

Deep Vision Data

Appen Limited

Cogito Tech LLC

Lionbridge Technologies, Inc.

Amazon Web Services, Inc.

Scale AI Inc.

Samasource Inc.

Alegion

Recent Developments in the Market:

In June 2021, Amazon unveiled a vast dataset named Amazon Berkeley Objects, aimed at facilitating the development of more efficient AI models tailored for image-based shopping experiences.

In March 2021, OpenAI, a prominent AI research organization, created multiple large-scale pre-trained models including GPT-2 and GPT-3, trained on extensive datasets. Additionally, they published several open-source datasets that have facilitated the development of various natural language processing (NLP) models.

In January 2021, Vector Space AI, a provider of datasets, initiated a partnership with Elasticsearch B.V., specializing in search technology. This collaboration aims to furnish users with AI datasets developed through joint efforts. Vectorspace AI introduced datasets designed to enhance AI, ML, and data engineering capabilities.

Global AI Training Dataset Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Type, End-user, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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 Type:

Text

Image/Video

Audio

By End-user:

IT

Automotive

Government

Healthcare

BFSI

Retail & E-commerce

Others

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. AI Training Dataset Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. AI Training Dataset Market, by Type, 2020-2030 (USD Billion)
 - 1.2.3. AI Training Dataset Market, by Vertical, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL AI TRAINING DATASET MARKET DEFINITION AND SCOPE

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

CHAPTER 3. GLOBAL AI TRAINING DATASET MARKET DYNAMICS

- 3.1. AI Training Dataset Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rapid growth of AI and machine learning
 - 3.1.1.2. Growing applications of training dataset across diversified industry verticals
 - 3.1.2. Market Challenges
 - 3.1.2.1. High installation costs
 - 3.1.2.2. Infrastructure limitations
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Advancements in data collection technology
 - 3.1.3.2. Development of cloud computing and emergence of big data

CHAPTER 4. GLOBAL AI TRAINING DATASET MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 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
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL AI TRAINING DATASET MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global AI Training Dataset Market by Type, Performance - Potential Analysis
- 5.3. Global AI Training Dataset Market Estimates & Forecasts by Type 2020-2030 (USD Billion)
- 5.4. AI Training Dataset Market, Sub Segment Analysis
 - 5.4.1. Text
 - 5.4.2. Image/Video
 - 5.4.3. Audio

CHAPTER 6. GLOBAL AI TRAINING DATASET MARKET, BY VERTICAL

- 6.1. Market Snapshot
- 6.2. Global AI Training Dataset Market by Vertical, Performance - Potential Analysis
- 6.3. Global AI Training Dataset Market Estimates & Forecasts by Vertical 2020-2030 (USD Billion)
- 6.4. AI Training Dataset Market, Sub Segment Analysis
 - 6.4.1. IT
 - 6.4.2. Automotive

- 6.4.3. Government
- 6.4.4. Healthcare
- 6.4.5. BFSI
- 6.4.6. Retail & E-commerce
- 6.4.7. Others

CHAPTER 7. GLOBAL AI TRAINING DATASET MARKET, REGIONAL ANALYSIS

- 7.1. Top Leading Countries
- 7.2. Top Emerging Countries
- 7.3. AI Training Dataset Market, Regional Market Snapshot
- 7.4. North America AI Training Dataset Market
 - 7.4.1. U.S. AI Training Dataset Market
 - 7.4.1.1. Type breakdown estimates & forecasts, 2020-2030
 - 7.4.1.2. Vertical breakdown estimates & forecasts, 2020-2030
 - 7.4.2. Canada AI Training Dataset Market
- 7.5. Europe AI Training Dataset Market Snapshot
 - 7.5.1. U.K. AI Training Dataset Market
 - 7.5.2. Germany AI Training Dataset Market
 - 7.5.3. France AI Training Dataset Market
 - 7.5.4. Spain AI Training Dataset Market
 - 7.5.5. Italy AI Training Dataset Market
 - 7.5.6. Rest of Europe AI Training Dataset Market
- 7.6. Asia-Pacific AI Training Dataset Market Snapshot
 - 7.6.1. China AI Training Dataset Market
 - 7.6.2. India AI Training Dataset Market
 - 7.6.3. Japan AI Training Dataset Market
 - 7.6.4. Australia AI Training Dataset Market
 - 7.6.5. South Korea AI Training Dataset Market
 - 7.6.6. Rest of Asia Pacific AI Training Dataset Market
- 7.7. Latin America AI Training Dataset Market Snapshot
 - 7.7.1. Brazil AI Training Dataset Market
 - 7.7.2. Mexico AI Training Dataset Market
- 7.8. Middle East & Africa AI Training Dataset Market
 - 7.8.1. Saudi Arabia AI Training Dataset Market
 - 7.8.2. South Africa AI Training Dataset Market
 - 7.8.3. Rest of Middle East & Africa AI Training Dataset Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. Company
 - 8.1.2. Company
 - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. Microsoft Corporation
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Recent Developments
 - 8.3.2. Google, LLC (Kaggle)
 - 8.3.3. Deep Vision Data
 - 8.3.4. Appen Limited
 - 8.3.5. Cogito Tech LLC
 - 8.3.6. Lionbridge Technologies, Inc.
 - 8.3.7. Amazon Web Services, Inc.
 - 8.3.8. Scale AI Inc.
 - 8.3.9. Samasource Inc.
 - 8.3.10. Alegion

CHAPTER 9. RESEARCH PROCESS

- 9.1. Research Process
 - 9.1.1. Data Mining
 - 9.1.2. Analysis
 - 9.1.3. Market Estimation
 - 9.1.4. Validation
 - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption

12 .LIST OF TABLES

TABLE 1. Global AI Training Dataset Market, report scope

TABLE 2. Global AI Training Dataset Market estimates & forecasts by Region
2020-2030 (USD Billion)

TABLE 3. Global AI Training Dataset Market estimates & forecasts by Type 2020-2030 (USD Billion)

TABLE 4. Global AI Training Dataset Market estimates & forecasts by Vertical 2020-2030 (USD Billion)

TABLE 5. Global AI Training Dataset Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 6. Global AI Training Dataset Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7. Global AI Training Dataset Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global AI Training Dataset Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global AI Training Dataset Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global AI Training Dataset Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global AI Training Dataset Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global AI Training Dataset Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global AI Training Dataset Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global AI Training Dataset Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. U.S. AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. U.S. AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 17. U.S. AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 18. Canada AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 19. Canada AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20. Canada AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. UK AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 22. UK AI Training Dataset Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 23. UK AI Training Dataset Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 24. Germany AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 25. Germany AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. France AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 28. France AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. Italy AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 31. Italy AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Italy AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Spain AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 34. Spain AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. Spain AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. RoE AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 37. RoE AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. RoE AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 39. China AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 40. China AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41. China AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. India AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 43. India AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44. India AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. Japan AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 46. Japan AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. Japan AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. South Korea AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 49. South Korea AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. South Korea AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. Australia AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 52. Australia AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. RoAPAC AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 55. RoAPAC AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. Brazil AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 58. Brazil AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Brazil AI Training Dataset Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Mexico AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 61. Mexico AI Training Dataset Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 62. Mexico AI Training Dataset Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 63. RoLA AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 64. RoLA AI Training Dataset Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 65. RoLA AI Training Dataset Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 66. Saudi Arabia AI Training Dataset Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 67. South Africa AI Training Dataset Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 68. RoMEA AI Training Dataset Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global AI Training Dataset Market

TABLE 70. List of primary sources, used in the study of global AI Training Dataset Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global AI Training Dataset Market, research methodology
 - FIG 2. Global AI Training Dataset Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global AI Training Dataset Market, key trends 2022
 - FIG 5. Global AI Training Dataset Market, growth prospects 2023-2030
 - FIG 6. Global AI Training Dataset Market, porters 5 force model
 - FIG 7. Global AI Training Dataset Market, pest analysis
 - FIG 8. Global AI Training Dataset Market, value chain analysis
 - FIG 9. Global AI Training Dataset Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global AI Training Dataset Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global AI Training Dataset Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global AI Training Dataset Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global AI Training Dataset Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global AI Training Dataset Market, regional snapshot 2020 & 2030
 - FIG 15. North America AI Training Dataset Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe AI Training Dataset Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia Pacific AI Training Dataset Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America AI Training Dataset Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa AI Training Dataset Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global AI Training Dataset Market Size Study & Forecast, By Type (Text, Image/Video, Audio), By Vertical (IT, Automotive, Government, Healthcare, BFSI, Retail & E-commerce, Others), and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/GED69B03BBC8EN.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/GED69B03BBC8EN.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