

Global Artificial Intelligence (AI) in Supply Chain and Logistics Market Size study, by Type (Artificial Neural Networks, Machine Learning, Others), by Application (Inventory Control and Planning, Transportation Network Design, Purchasing and Supply Management, Demand Planning and Forecasting, Others), and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G243EFEDF9C8EN.html>

Date: August 2024

Pages: 200

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

ID: G243EFEDF9C8EN

Abstracts

The global Artificial Intelligence (AI) in Supply Chain and Logistics Market is valued at approximately USD 1713 million in 2023 and is anticipated to grow with a healthy growth rate of more than 10.1% over the forecast period 2024-2032. Artificial intelligence (AI) in supply chain and logistics encompasses the use of AI techniques and technologies to enhance the efficiency, effectiveness, and sustainability of supply chain operations. By leveraging AI, supply chain and logistics professionals can address complex challenges, automate tasks, optimize decision-making, and ultimately create value. AI's application spans various facets of supply chain and logistics, including demand forecasting, inventory management, production planning, transportation routing, warehouse management, order fulfilment, customer service, and risk management.

The burgeoning volume of big data, coupled with the need for greater visibility and transparency in supply chain operations, are key drivers propelling market growth. The adoption of AI is further enhanced by its ability to elevate consumer services and satisfaction levels. Nonetheless, a notable challenge impeding market progress is the scarcity of expertise in AI technology. The demand for transparent and observable supply chain methodologies significantly drives the market. AI's integration within the logistics sector, particularly for autonomous data processing in areas like warehouse

stock management, inventory management, product safety, and timely delivery, underscores its essential role in modern supply chains. Additionally, government regulations and initiatives promoting machine automation and AI computing further bolster market growth. However, the adoption of effective supply chain information solutions in developing countries is limited by several constraints, prompting government investments to raise awareness and integrate advanced technologies into business operations.

AI technologies in supply chain operations eliminate the need for human effort, resulting in substantial time and cost savings. This operational advantage is a crucial market driver, with large companies increasingly investing in machine automation to reduce future operating costs. Various end-user industries are leveraging AI applications in the supply chain market, contributing to the sector's growth. The increasing adoption of IoT devices and cloud computing services revolutionizes data processing, with big data technology already prevalent in the logistics industry. The trend towards supply chain automation through AI suggests continued demand for automated solutions.

North America dominates the AI in supply chain market, attributed to the presence of developed economies focused on enhancing existing supply chain solutions and key industry players. The Asia Pacific region is projected to experience the highest CAGR during the forecast period, driven by the adoption of deep learning and Natural Language Processing (NLP) technologies in automotive, retail, and manufacturing industries, along with the presence of major players in the AI ecosystem.

Major market players included in this report are:

IBM Corporation

Microsoft Corporation

Google LLC

Amazon Web Services (AWS)

Oracle Corporation

SAP SE

Nvidia Corporation

Intel Corporation

Cisco Systems, Inc.

Siemens AG

General Electric Company

Accenture plc

Splice Machine

PricewaterhouseCoopers (PwC)

Xilinx

The detailed segments and sub-segment of the market are explained below:

By Type:

Artificial Neural Networks

Machine Learning

Others

By Application:

Inventory Control and Planning

Transportation Network Design

Purchasing and Supply Management

Demand Planning and Forecasting

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

RoLA

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL AI IN SUPPLY CHAIN AND LOGISTICS MARKET EXECUTIVE SUMMARY

- 1.1. Global AI in Supply Chain and Logistics Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Type
 - 1.3.2. By Application
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL AI IN SUPPLY CHAIN AND LOGISTICS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL AI IN SUPPLY CHAIN AND LOGISTICS MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Increasing Volume of Big Data
- 3.1.2. Need for Greater Visibility and Transparency
- 3.1.3. Rising Adoption of AI

3.2. Market Challenges

- 3.2.1. Scarcity of AI Experts
- 3.2.2. Complexity in Supply Chain

3.3. Market Opportunities

- 3.3.1. Government Initiatives and Regulations
- 3.3.2. Advancements in IoT and Cloud Computing

CHAPTER 4. GLOBAL AI IN SUPPLY CHAIN AND LOGISTICS 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
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top Investment Opportunity

4.4. Top Winning Strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL AI IN SUPPLY CHAIN AND LOGISTICS MARKET SIZE & FORECASTS BY TYPE 2022-2032

5.1. Segment Dashboard

5.2. Global AI in Supply Chain and Logistics Market: Type Revenue Trend Analysis, 2022 & 2032 (USD Million)

5.2.1. Artificial Neural Networks

5.2.2. Machine Learning

5.2.3. Others

CHAPTER 6. GLOBAL AI IN SUPPLY CHAIN AND LOGISTICS MARKET SIZE & FORECASTS BY APPLICATION 2022-2032

6.1. Segment Dashboard

6.2. Global AI in Supply Chain and Logistics Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Million)

6.2.1. Inventory Control and Planning

6.2.2. Transportation Network Design

6.2.3. Purchasing and Supply Management

6.2.4. Demand Planning and Forecasting

6.2.5. Others

CHAPTER 7. GLOBAL AI IN SUPPLY CHAIN AND LOGISTICS MARKET SIZE & FORECASTS BY REGION 2022-2032

7.1. North America AI in Supply Chain and Logistics Market

7.1.1. U.S. AI in Supply Chain and Logistics Market

7.1.1.1. Type breakdown size & forecasts, 2022-2032

7.1.1.2. Application breakdown size & forecasts, 2022-2032

7.1.2. Canada AI in Supply Chain and Logistics Market

7.2. Europe AI in Supply Chain and Logistics Market

7.2.1. U.K. AI in Supply Chain and Logistics Market

7.2.2. Germany AI in Supply Chain and Logistics Market

7.2.3. France AI in Supply Chain and Logistics Market

7.2.4. Spain AI in Supply Chain and Logistics Market

7.2.5. Italy AI in Supply Chain and Logistics Market

7.2.6. Rest of Europe AI in Supply Chain and Logistics Market

7.3. Asia-Pacific AI in Supply Chain and Logistics Market

7.3.1. China AI in Supply Chain and Logistics Market

7.3.2. India AI in Supply Chain and Logistics Market

7.3.3. Japan AI in Supply Chain and Logistics Market

7.3.4. Australia AI in Supply Chain and Logistics Market

- 7.3.5. South Korea AI in Supply Chain and Logistics Market
- 7.3.6. Rest of Asia Pacific AI in Supply Chain and Logistics Market
- 7.4. Latin America AI in Supply Chain and Logistics Market
 - 7.4.1. Brazil AI in Supply Chain and Logistics Market
 - 7.4.2. Mexico AI in Supply Chain and Logistics Market
 - 7.4.3. Rest of Latin America AI in Supply Chain and Logistics Market
- 7.5. Middle East & Africa AI in Supply Chain and Logistics Market
 - 7.5.1. Saudi Arabia AI in Supply Chain and Logistics Market
 - 7.5.2. South Africa AI in Supply Chain and Logistics Market
 - 7.5.3. Rest of Middle East & Africa AI in Supply Chain and Logistics 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. IBM 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. Market Strategies
 - 8.3.2. Microsoft Corporation
 - 8.3.3. Google LLC
 - 8.3.4. Amazon Web Services (AWS)
 - 8.3.5. Oracle Corporation
 - 8.3.6. SAP SE
 - 8.3.7. Nvidia Corporation
 - 8.3.8. Intel Corporation
 - 8.3.9. Cisco Systems, Inc.
 - 8.3.10. Siemens AG
 - 8.3.11. General Electric Company
 - 8.3.12. Accenture plc
 - 8.3.13. Splice Machine
 - 8.3.14. PricewaterhouseCoopers (PwC)
 - 8.3.15. Xilinx

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

List Of Tables

LIST OF TABLES

TABLE 1. Global AI in Supply Chain and Logistics Market, report scope

TABLE 2. Global AI in Supply Chain and Logistics Market estimates & forecasts by Region 2022-2032 (USD Million)

TABLE 3. Global AI in Supply Chain and Logistics Market estimates & forecasts by Type 2022-2032 (USD Million)

TABLE 4. Global AI in Supply Chain and Logistics Market estimates & forecasts by Application 2022-2032 (USD Million)

TABLE 5. Global AI in Supply Chain and Logistics Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 6. Global AI in Supply Chain and Logistics Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 7. Global AI in Supply Chain and Logistics Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 8. Global AI in Supply Chain and Logistics Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 9. Global AI in Supply Chain and Logistics Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 10. Global AI in Supply Chain and Logistics Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 11. Global AI in Supply Chain and Logistics Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 12. Global AI in Supply Chain and Logistics Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 13. Global AI in Supply Chain and Logistics Market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 14. Global AI in Supply Chain and Logistics Market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 15. U.S. AI in Supply Chain and Logistics Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 16. U.S. AI in Supply Chain and Logistics Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 17. U.S. AI in Supply Chain and Logistics Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 18. Canada AI in Supply Chain and Logistics Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 19. Canada AI in Supply Chain and Logistics Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 20. Canada AI in Supply Chain and Logistics Market estimates & forecasts by segment 2022-2032 (USD Million)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global AI in Supply Chain and Logistics Market, research methodology
- FIG 2. Global AI in Supply Chain and Logistics Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global AI in Supply Chain and Logistics Market, key trends 2023
- FIG 5. Global AI in Supply Chain and Logistics Market, growth prospects 2022-2032
- FIG 6. Global AI in Supply Chain and Logistics Market, porters 5 force model
- FIG 7. Global AI in Supply Chain and Logistics Market, PESTEL analysis
- FIG 8. Global AI in Supply Chain and Logistics Market, value chain analysis
- FIG 9. Global AI in Supply Chain and Logistics Market by segment, 2022 & 2032 (USD Million)
- FIG 10. Global AI in Supply Chain and Logistics Market by segment, 2022 & 2032 (USD Million)
- FIG 11. Global AI in Supply Chain and Logistics Market by segment, 2022 & 2032 (USD Million)
- FIG 12. Global AI in Supply Chain and Logistics Market by segment, 2022 & 2032 (USD Million)
- FIG 13. Global AI in Supply Chain and Logistics Market by segment, 2022 & 2032 (USD Million)
- FIG 14. Global AI in Supply Chain and Logistics Market, regional snapshot 2022 & 2032
- FIG 15. North America AI in Supply Chain and Logistics Market 2022 & 2032 (USD Million)
- FIG 16. Europe AI in Supply Chain and Logistics Market 2022 & 2032 (USD Million)
- FIG 17. Asia Pacific AI in Supply Chain and Logistics Market 2022 & 2032 (USD Million)
- FIG 18. Latin America AI in Supply Chain and Logistics Market 2022 & 2032 (USD Million)
- FIG 19. Middle East & Africa AI in Supply Chain and Logistics Market 2022 & 2032 (USD Million)
- FIG 20. Global AI in Supply Chain and Logistics Market, company market share analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

I would like to order

Product name: Global Artificial Intelligence (AI) in Supply Chain and Logistics Market Size study, by Type (Artificial Neural Networks, Machine Learning, Others), by Application (Inventory Control and Planning, Transportation Network Design, Purchasing and Supply Management, Demand Planning and Forecasting, Others), and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G243EFEDF9C8EN.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/G243EFEDF9C8EN.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