

# Artificial Neural Network Market Report: Trends, Forecast and Competitive Analysis to 2030

<https://marketpublishers.com/r/A9C8C190820BEN.html>

Date: January 2024

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: A9C8C190820BEN

## Abstracts

### Artificial Neural Network Trends and Forecast

The future of the global artificial neural network market looks promising with opportunities in the BFSI, retail and ecommerce, telecommunication & IT, healthcare & life science, manufacturing, government & defense, and transportation & logistic markets. The global artificial neural network market is expected to reach an estimated \$1.0 billion by 2030 with a CAGR of 20.2% from 2024 to 2030. The major drivers for this market are rising need to identify intricate nonlinear connections among variables and discern patterns within extensive datasets and growing demand for training substantial datasets with minimal supervision.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

### Artificial Neural Network by Segment

The study includes a forecast for the global artificial neural network by component, deployment mode, application, end use industry, and region.

Artificial Neural Network Market by Component [Shipment Analysis by Value from 2018 to 2030]:

Solutions

Platform/API

## Services

Artificial Neural Network Market by Deployment Mode [Shipment Analysis by Value from 2018 to 2030]:

On-Premises

Cloud

Artificial Neural Network Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Image Recognition

Signal Recognition

Data Mining

Others

Artificial Neural Network Market by End Use Industry [Shipment Analysis by Value from 2018 to 2030]:

BFSI

Retail and ecommerce

Telecommunication & IT

Healthcare & Life Sciences

Manufacturing

Government & Defense

Transportation & Logistics

Others

Artificial Neural Network Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Artificial Neural Network Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies artificial neural network companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the artificial neural network companies profiled in this report include-

Google

IBM

Oracle

Microsoft

Intel

Qualcomm

Alyuda

Ward Systems

GMDH

Starmind

## Artificial Neural Network Market Insights

Lucintel forecasts that data mining will remain the largest segment over the forecast period due to increasing need for active data mining to transform unprocessed data into meaningful insights.

Within this market, BFSI will remain the largest segment due to growing use of artificial neural network in this sector to forecast future occurrences using historical data.

North America will remain the largest region over the forecast period due to quick adoption of AI in a variety of end-use sectors, including retail, healthcare, and BFSI.

## Features of the Global Artificial Neural Network Market

**Market Size Estimates:** Artificial neural network market size estimation in terms of value (\$B).

**Trend and Forecast Analysis:** Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

**Segmentation Analysis:** Artificial neural network market size by various segments, such as by component, deployment mode, application, end use industry, and region in terms of value (\$B).

**Regional Analysis:** Artificial neural network market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different components, deployment modes, applications, end use industries, and regions for the artificial neural network market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the artificial neural network market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

## FAQ

Q1. What is the artificial neural network market size?

Answer: The global artificial neural network market is expected to reach an estimated \$1.0 billion by 2030.

Q2. What is the growth forecast for artificial neural network market?

Answer: The global artificial neural network market is expected to grow with a CAGR of 20.2% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the artificial neural network market?

Answer: The major drivers for this market are rising need to identify intricate nonlinear connections among variables and discern patterns within extensive datasets and growing demand for training substantial datasets with minimal supervision.

Q4. What are the major segments for artificial neural network market?

Answer: The future of the artificial neural network market looks promising with opportunities in the BFSI, retail and ecommerce, telecommunication & IT, healthcare & life science, manufacturing, government & defense, and transportation & logistic markets.

Q5. Who are the key artificial neural network market companies?

Answer: Some of the key artificial neural network companies are as follows:

Google

IBM

Oracle

Microsoft

Intel

Qualcomm

Alyuda

Ward Systems

GMDH

Starmind

Q6. Which artificial neural network market segment will be the largest in future?

Answer: Lucintel forecasts that data mining will remain the largest segment over the forecast period due to increasing need for active data mining to transform unprocessed data into meaningful insights.

Q7. In artificial neural network market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region over the forecast period due to quick adoption of AI in a variety of end-use sectors, including retail, healthcare, and BFSI.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the artificial neural network market by component (solutions, platform/API, and services), deployment mode (on-premises and cloud), application (image recognition, signal

recognition, data mining, and others), end use industry (BFSI, retail and ecommerce, telecommunication & IT, healthcare & life sciences, manufacturing, government & defense, transportation & logistics, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Artificial Neural Network Market, Artificial Neural Network Market Size, Artificial Neural Network Market Growth, Artificial Neural Network Market Analysis, Artificial Neural Network Market Report, Artificial Neural Network Market Share, Artificial Neural Network Market Trends, Artificial Neural Network Market Forecast, Artificial Neural Network Companies, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com). We will be glad to get back to you soon.

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. GLOBAL ARTIFICIAL NEURAL NETWORK MARKET : MARKET DYNAMICS**

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

### **3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2018 TO 2030**

3.1. Macroeconomic Trends (2018-2023) and Forecast (2024-2030)

3.2. Global Artificial Neural Network Market Trends (2018-2023) and Forecast (2024-2030)

3.3: Global Artificial Neural Network Market by Component

3.3.1: Solutions

3.3.2: Platform/API

3.3.3: Services

3.4: Global Artificial Neural Network Market by Deployment Mode

3.4.1: On-Premises

3.4.2: Cloud

3.5: Global Artificial Neural Network Market by Application

3.5.1: Image Recognition

3.5.2: Signal Recognition

3.5.3: Data Mining

3.5.4: Others

3.6: Global Artificial Neural Network Market by End Use Industry

3.6.1: BFSI

3.6.2: Retail and ecommerce

3.6.3: Telecommunication & IT

3.6.4: Healthcare & Life Sciences

3.6.5: Manufacturing

3.6.6: Government & Defense

3.6.7: Transportation & Logistics

3.6.8: Others

### **4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2018 TO 2030**



4.1: Global Artificial Neural Network Market by Region

4.2: North American Artificial Neural Network Market

4.2.1: North American Artificial Neural Network Market by Application: Image Recognition, Signal Recognition, Data Mining, and Others

4.2.2: North American Artificial Neural Network Market by End Use Industry: BFSI, Retail and ecommerce, Telecommunication & IT, Healthcare & Life Sciences, Manufacturing, Government & Defense, Transportation & Logistics, and Others

4.3: European Artificial Neural Network Market

4.3.1: European Artificial Neural Network Market by Application: Image Recognition, Signal Recognition, Data Mining, and Others

4.3.2: European Artificial Neural Network Market by End Use Industry: BFSI, Retail and ecommerce, Telecommunication & IT, Healthcare & Life Sciences, Manufacturing, Government & Defense, Transportation & Logistics, and Others

4.4: APAC Artificial Neural Network Market

4.4.1: APAC Artificial Neural Network Market by Application: Image Recognition, Signal Recognition, Data Mining, and Others

4.4.2: APAC Artificial Neural Network Market by End Use Industry: BFSI, Retail and ecommerce, Telecommunication & IT, Healthcare & Life Sciences, Manufacturing, Government & Defense, Transportation & Logistics, and Others

4.5: ROW Artificial Neural Network Market

4.5.1: ROW Artificial Neural Network Market by Application: Image Recognition, Signal Recognition, Data Mining, and Others

4.5.2: ROW Artificial Neural Network Market by End Use Industry: BFSI, Retail and ecommerce, Telecommunication & IT, Healthcare & Life Sciences, Manufacturing, Government & Defense, Transportation & Logistics, and Others

## **5. COMPETITOR ANALYSIS**

5.1: Product Portfolio Analysis

5.2: Operational Integration

5.3: Porter's Five Forces Analysis

## **6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS**

6.1: Growth Opportunity Analysis

6.1.1: Growth Opportunities for the Global Artificial Neural Network Market by Component

6.1.2: Growth Opportunities for the Global Artificial Neural Network Market by

## Deployment Mode

6.1.3: Growth Opportunities for the Global Artificial Neural Network Market by Application

6.1.4: Growth Opportunities for the Global Artificial Neural Network Market by End Use Industry

6.1.5: Growth Opportunities for the Global Artificial Neural Network Market by Region

6.2: Emerging Trends in the Global Artificial Neural Network Market

6.3: Strategic Analysis

6.3.1: New Product Development

6.3.2: Capacity Expansion of the Global Artificial Neural Network Market

6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Artificial Neural Network Market

6.3.4: Certification and Licensing

## **7. COMPANY PROFILES OF LEADING PLAYERS**

7.1: Google

7.2: IBM

7.3: Oracle

7.4: Microsoft

7.5: Intel

7.6: Qualcomm

7.7: Alyuda

7.8: Ward Systems

7.9: GMDH

7.10: Starmind

## I would like to order

Product name: Artificial Neural Network Market Report: Trends, Forecast and Competitive Analysis to 2030

Product link: <https://marketpublishers.com/r/A9C8C190820BEN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A9C8C190820BEN.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

