

Global Automotive Artificial Intelligence (AI) Market Research Report 2024, Forecast to 2032

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Abstracts

Report Overview

Automobile artificial intelligence is a comprehensive system that integrates environmental perception, planning and decision-making, and multi-level assisted driving. It focuses on the use of computers, modern sensing, information fusion, communication, artificial intelligence and automatic control technologies, which are typical High-tech complex.

The global Automotive Artificial Intelligence (AI) market size was estimated at USD 2799.80 million in 2023 and is projected to reach USD 34296.70 million by 2032, exhibiting a CAGR of 32.10% during the forecast period.

North America Automotive Artificial Intelligence (AI) market size was estimated at USD 1186.24 million in 2023, at a CAGR of 27.51% during the forecast period of 2024 through 2032.

This report provides a deep insight into the global Automotive Artificial Intelligence (AI) market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the

Global Automotive Artificial Intelligence (AI) Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Automotive Artificial Intelligence (AI) market in any manner.

Global Automotive Artificial Intelligence (AI) Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

NVIDIA

Uber Technologies

Alphabet (Google)

Microsoft

BMW

Xilinx

Didi

Intel

Amazon Web Services

IBM

Toyota Motor Corporation

Audi

Micron

Samsung

Tesla

Hyundai Motor Corporation

Argo AI

SenseTime

Qualcomm

General Motors Company

Market Segmentation (by Type)

Hardware

Software

Service

Market Segmentation (by Application)

Passenger Car

Commercial Car

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Automotive Artificial Intelligence (AI) Market

Overview of the regional outlook of the Automotive Artificial Intelligence (AI) Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Automotive Artificial Intelligence (AI) Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region from the consumer side and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Automotive Artificial Intelligence (AI), their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region during the forecast period.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment during the forecast period.

Chapter 13 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Automotive Artificial Intelligence (AI)
- 1.2 Key Market Segments
 - 1.2.1 Automotive Artificial Intelligence (AI) Segment by Type
 - 1.2.2 Automotive Artificial Intelligence (AI) Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats
- 1.4 Key Data of Global Auto Market
 - 1.4.1 Global Automobile Production by Country
 - 1.4.2 Global Automobile Production by Type

2 AUTOMOTIVE ARTIFICIAL INTELLIGENCE (AI) MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Automotive Artificial Intelligence (AI) Market Size (M USD) Estimates and Forecasts (2019-2032)
 - 2.1.2 Global Automotive Artificial Intelligence (AI) Sales Estimates and Forecasts (2019-2032)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 AUTOMOTIVE ARTIFICIAL INTELLIGENCE (AI) MARKET COMPETITIVE LANDSCAPE

- 3.1 Global Automotive Artificial Intelligence (AI) Sales by Manufacturers (2019-2024)
- 3.2 Global Automotive Artificial Intelligence (AI) Revenue Market Share by Manufacturers (2019-2024)
- 3.3 Automotive Artificial Intelligence (AI) Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global Automotive Artificial Intelligence (AI) Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers Automotive Artificial Intelligence (AI) Sales Sites, Area Served,

Product Type

3.6 Automotive Artificial Intelligence (AI) Market Competitive Situation and Trends

3.6.1 Automotive Artificial Intelligence (AI) Market Concentration Rate

3.6.2 Global 5 and 10 Largest Automotive Artificial Intelligence (AI) Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 AUTOMOTIVE ARTIFICIAL INTELLIGENCE (AI) INDUSTRY CHAIN ANALYSIS

4.1 Automotive Artificial Intelligence (AI) Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF AUTOMOTIVE ARTIFICIAL INTELLIGENCE (AI) MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

6 AUTOMOTIVE ARTIFICIAL INTELLIGENCE (AI) MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Automotive Artificial Intelligence (AI) Sales Market Share by Type (2019-2024)

6.3 Global Automotive Artificial Intelligence (AI) Market Size Market Share by Type (2019-2024)

6.4 Global Automotive Artificial Intelligence (AI) Price by Type (2019-2024)

7 AUTOMOTIVE ARTIFICIAL INTELLIGENCE (AI) MARKET SEGMENTATION BY

APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Automotive Artificial Intelligence (AI) Market Sales by Application (2019-2024)
- 7.3 Global Automotive Artificial Intelligence (AI) Market Size (M USD) by Application (2019-2024)
- 7.4 Global Automotive Artificial Intelligence (AI) Sales Growth Rate by Application (2019-2024)

8 AUTOMOTIVE ARTIFICIAL INTELLIGENCE (AI) MARKET CONSUMPTION BY REGION

- 8.1 Global Automotive Artificial Intelligence (AI) Sales by Region
 - 8.1.1 Global Automotive Artificial Intelligence (AI) Sales by Region
 - 8.1.2 Global Automotive Artificial Intelligence (AI) Sales Market Share by Region
- 8.2 North America
 - 8.2.1 North America Automotive Artificial Intelligence (AI) Sales by Country
 - 8.2.2 U.S.
 - 8.2.3 Canada
 - 8.2.4 Mexico
- 8.3 Europe
 - 8.3.1 Europe Automotive Artificial Intelligence (AI) Sales by Country
 - 8.3.2 Germany
 - 8.3.3 France
 - 8.3.4 U.K.
 - 8.3.5 Italy
 - 8.3.6 Russia
- 8.4 Asia Pacific
 - 8.4.1 Asia Pacific Automotive Artificial Intelligence (AI) Sales by Region
 - 8.4.2 China
 - 8.4.3 Japan
 - 8.4.4 South Korea
 - 8.4.5 India
 - 8.4.6 Southeast Asia
- 8.5 South America
 - 8.5.1 South America Automotive Artificial Intelligence (AI) Sales by Country
 - 8.5.2 Brazil
 - 8.5.3 Argentina

8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa Automotive Artificial Intelligence (AI) Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

9 AUTOMOTIVE ARTIFICIAL INTELLIGENCE (AI) MARKET PRODUCTION BY REGION

9.1 Global Production of Automotive Artificial Intelligence (AI) by Region (2019-2024)

9.2 Global Automotive Artificial Intelligence (AI) Revenue Market Share by Region (2019-2024)

9.3 Global Automotive Artificial Intelligence (AI) Production, Revenue, Price and Gross Margin (2019-2024)

9.4 North America Automotive Artificial Intelligence (AI) Production

9.4.1 North America Automotive Artificial Intelligence (AI) Production Growth Rate (2019-2024)

9.4.2 North America Automotive Artificial Intelligence (AI) Production, Revenue, Price and Gross Margin (2019-2024)

9.5 Europe Automotive Artificial Intelligence (AI) Production

9.5.1 Europe Automotive Artificial Intelligence (AI) Production Growth Rate (2019-2024)

9.5.2 Europe Automotive Artificial Intelligence (AI) Production, Revenue, Price and Gross Margin (2019-2024)

9.6 Japan Automotive Artificial Intelligence (AI) Production (2019-2024)

9.6.1 Japan Automotive Artificial Intelligence (AI) Production Growth Rate (2019-2024)

9.6.2 Japan Automotive Artificial Intelligence (AI) Production, Revenue, Price and Gross Margin (2019-2024)

9.7 China Automotive Artificial Intelligence (AI) Production (2019-2024)

9.7.1 China Automotive Artificial Intelligence (AI) Production Growth Rate (2019-2024)

9.7.2 China Automotive Artificial Intelligence (AI) Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

10.1 NVIDIA

- 10.1.1 NVIDIA Automotive Artificial Intelligence (AI) Basic Information
- 10.1.2 NVIDIA Automotive Artificial Intelligence (AI) Product Overview
- 10.1.3 NVIDIA Automotive Artificial Intelligence (AI) Product Market Performance
- 10.1.4 NVIDIA Business Overview
- 10.1.5 NVIDIA Automotive Artificial Intelligence (AI) SWOT Analysis
- 10.1.6 NVIDIA Recent Developments
- 10.2 Uber Technologies
 - 10.2.1 Uber Technologies Automotive Artificial Intelligence (AI) Basic Information
 - 10.2.2 Uber Technologies Automotive Artificial Intelligence (AI) Product Overview
 - 10.2.3 Uber Technologies Automotive Artificial Intelligence (AI) Product Market Performance
 - 10.2.4 Uber Technologies Business Overview
 - 10.2.5 Uber Technologies Automotive Artificial Intelligence (AI) SWOT Analysis
 - 10.2.6 Uber Technologies Recent Developments
- 10.3 Alphabet (Google)
 - 10.3.1 Alphabet (Google) Automotive Artificial Intelligence (AI) Basic Information
 - 10.3.2 Alphabet (Google) Automotive Artificial Intelligence (AI) Product Overview
 - 10.3.3 Alphabet (Google) Automotive Artificial Intelligence (AI) Product Market Performance
 - 10.3.4 Alphabet (Google) Automotive Artificial Intelligence (AI) SWOT Analysis
 - 10.3.5 Alphabet (Google) Business Overview
 - 10.3.6 Alphabet (Google) Recent Developments
- 10.4 Microsoft
 - 10.4.1 Microsoft Automotive Artificial Intelligence (AI) Basic Information
 - 10.4.2 Microsoft Automotive Artificial Intelligence (AI) Product Overview
 - 10.4.3 Microsoft Automotive Artificial Intelligence (AI) Product Market Performance
 - 10.4.4 Microsoft Business Overview
 - 10.4.5 Microsoft Recent Developments
- 10.5 BMW
 - 10.5.1 BMW Automotive Artificial Intelligence (AI) Basic Information
 - 10.5.2 BMW Automotive Artificial Intelligence (AI) Product Overview
 - 10.5.3 BMW Automotive Artificial Intelligence (AI) Product Market Performance
 - 10.5.4 BMW Business Overview
 - 10.5.5 BMW Recent Developments
- 10.6 Xilinx
 - 10.6.1 Xilinx Automotive Artificial Intelligence (AI) Basic Information
 - 10.6.2 Xilinx Automotive Artificial Intelligence (AI) Product Overview
 - 10.6.3 Xilinx Automotive Artificial Intelligence (AI) Product Market Performance
 - 10.6.4 Xilinx Business Overview

- 10.6.5 Xilinx Recent Developments
- 10.7 Didi
 - 10.7.1 Didi Automotive Artificial Intelligence (AI) Basic Information
 - 10.7.2 Didi Automotive Artificial Intelligence (AI) Product Overview
 - 10.7.3 Didi Automotive Artificial Intelligence (AI) Product Market Performance
 - 10.7.4 Didi Business Overview
 - 10.7.5 Didi Recent Developments
- 10.8 Intel
 - 10.8.1 Intel Automotive Artificial Intelligence (AI) Basic Information
 - 10.8.2 Intel Automotive Artificial Intelligence (AI) Product Overview
 - 10.8.3 Intel Automotive Artificial Intelligence (AI) Product Market Performance
 - 10.8.4 Intel Business Overview
 - 10.8.5 Intel Recent Developments
- 10.9 Amazon Web Services
 - 10.9.1 Amazon Web Services Automotive Artificial Intelligence (AI) Basic Information
 - 10.9.2 Amazon Web Services Automotive Artificial Intelligence (AI) Product Overview
 - 10.9.3 Amazon Web Services Automotive Artificial Intelligence (AI) Product Market Performance
 - 10.9.4 Amazon Web Services Business Overview
 - 10.9.5 Amazon Web Services Recent Developments
- 10.10 IBM
 - 10.10.1 IBM Automotive Artificial Intelligence (AI) Basic Information
 - 10.10.2 IBM Automotive Artificial Intelligence (AI) Product Overview
 - 10.10.3 IBM Automotive Artificial Intelligence (AI) Product Market Performance
 - 10.10.4 IBM Business Overview
 - 10.10.5 IBM Recent Developments
- 10.11 Toyota Motor Corporation
 - 10.11.1 Toyota Motor Corporation Automotive Artificial Intelligence (AI) Basic Information
 - 10.11.2 Toyota Motor Corporation Automotive Artificial Intelligence (AI) Product Overview
 - 10.11.3 Toyota Motor Corporation Automotive Artificial Intelligence (AI) Product Market Performance
 - 10.11.4 Toyota Motor Corporation Business Overview
 - 10.11.5 Toyota Motor Corporation Recent Developments
- 10.12 Audi
 - 10.12.1 Audi Automotive Artificial Intelligence (AI) Basic Information
 - 10.12.2 Audi Automotive Artificial Intelligence (AI) Product Overview
 - 10.12.3 Audi Automotive Artificial Intelligence (AI) Product Market Performance

- 10.12.4 Audi Business Overview
- 10.12.5 Audi Recent Developments
- 10.13 Micron
 - 10.13.1 Micron Automotive Artificial Intelligence (AI) Basic Information
 - 10.13.2 Micron Automotive Artificial Intelligence (AI) Product Overview
 - 10.13.3 Micron Automotive Artificial Intelligence (AI) Product Market Performance
 - 10.13.4 Micron Business Overview
 - 10.13.5 Micron Recent Developments
- 10.14 Samsung
 - 10.14.1 Samsung Automotive Artificial Intelligence (AI) Basic Information
 - 10.14.2 Samsung Automotive Artificial Intelligence (AI) Product Overview
 - 10.14.3 Samsung Automotive Artificial Intelligence (AI) Product Market Performance
 - 10.14.4 Samsung Business Overview
 - 10.14.5 Samsung Recent Developments
- 10.15 Tesla
 - 10.15.1 Tesla Automotive Artificial Intelligence (AI) Basic Information
 - 10.15.2 Tesla Automotive Artificial Intelligence (AI) Product Overview
 - 10.15.3 Tesla Automotive Artificial Intelligence (AI) Product Market Performance
 - 10.15.4 Tesla Business Overview
 - 10.15.5 Tesla Recent Developments
- 10.16 Hyundai Motor Corporation
 - 10.16.1 Hyundai Motor Corporation Automotive Artificial Intelligence (AI) Basic Information
 - 10.16.2 Hyundai Motor Corporation Automotive Artificial Intelligence (AI) Product Overview
 - 10.16.3 Hyundai Motor Corporation Automotive Artificial Intelligence (AI) Product Market Performance
 - 10.16.4 Hyundai Motor Corporation Business Overview
 - 10.16.5 Hyundai Motor Corporation Recent Developments
- 10.17 Argo AI
 - 10.17.1 Argo AI Automotive Artificial Intelligence (AI) Basic Information
 - 10.17.2 Argo AI Automotive Artificial Intelligence (AI) Product Overview
 - 10.17.3 Argo AI Automotive Artificial Intelligence (AI) Product Market Performance
 - 10.17.4 Argo AI Business Overview
 - 10.17.5 Argo AI Recent Developments
- 10.18 SenseTime
 - 10.18.1 SenseTime Automotive Artificial Intelligence (AI) Basic Information
 - 10.18.2 SenseTime Automotive Artificial Intelligence (AI) Product Overview
 - 10.18.3 SenseTime Automotive Artificial Intelligence (AI) Product Market Performance

- 10.18.4 SenseTime Business Overview
- 10.18.5 SenseTime Recent Developments

10.19 Qualcomm

- 10.19.1 Qualcomm Automotive Artificial Intelligence (AI) Basic Information
- 10.19.2 Qualcomm Automotive Artificial Intelligence (AI) Product Overview
- 10.19.3 Qualcomm Automotive Artificial Intelligence (AI) Product Market Performance
- 10.19.4 Qualcomm Business Overview
- 10.19.5 Qualcomm Recent Developments

10.20 General Motors Company

- 10.20.1 General Motors Company Automotive Artificial Intelligence (AI) Basic Information
- 10.20.2 General Motors Company Automotive Artificial Intelligence (AI) Product Overview
- 10.20.3 General Motors Company Automotive Artificial Intelligence (AI) Product Market Performance
- 10.20.4 General Motors Company Business Overview
- 10.20.5 General Motors Company Recent Developments

11 AUTOMOTIVE ARTIFICIAL INTELLIGENCE (AI) MARKET FORECAST BY REGION

- 11.1 Global Automotive Artificial Intelligence (AI) Market Size Forecast
- 11.2 Global Automotive Artificial Intelligence (AI) Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe Automotive Artificial Intelligence (AI) Market Size Forecast by Country
 - 11.2.3 Asia Pacific Automotive Artificial Intelligence (AI) Market Size Forecast by Region
 - 11.2.4 South America Automotive Artificial Intelligence (AI) Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Consumption of Automotive Artificial Intelligence (AI) by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

- 12.1 Global Automotive Artificial Intelligence (AI) Market Forecast by Type (2025-2032)
 - 12.1.1 Global Forecasted Sales of Automotive Artificial Intelligence (AI) by Type (2025-2032)
 - 12.1.2 Global Automotive Artificial Intelligence (AI) Market Size Forecast by Type (2025-2032)

12.1.3 Global Forecasted Price of Automotive Artificial Intelligence (AI) by Type (2025-2032)

12.2 Global Automotive Artificial Intelligence (AI) Market Forecast by Application (2025-2032)

12.2.1 Global Automotive Artificial Intelligence (AI) Sales (K Units) Forecast by Application

12.2.2 Global Automotive Artificial Intelligence (AI) Market Size (M USD) Forecast by Application (2025-2032)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Motor Vehicle Production Market Share by Type (2023)

Table 4. Global Automobile Production by Region (Units)

Table 5. Market Share and Development Potential of Automobiles by Region

Table 6. Global Automobile Production by Country (Vehicle)

Table 7. Market Share and Development Potential of Automobiles by Countries

Table 8. Global Automobile Production by Type

Table 9. Market Share and Development Potential of Automobiles by Type

Table 10. Market Size (M USD) Segment Executive Summary

Table 11. Automotive Artificial Intelligence (AI) Market Size Comparison by Region (M USD)

Table 12. Global Automotive Artificial Intelligence (AI) Sales (K Units) by Manufacturers (2019-2024)

Table 13. Global Automotive Artificial Intelligence (AI) Sales Market Share by Manufacturers (2019-2024)

Table 14. Global Automotive Artificial Intelligence (AI) Revenue (M USD) by Manufacturers (2019-2024)

Table 15. Global Automotive Artificial Intelligence (AI) Revenue Share by Manufacturers (2019-2024)

Table 16. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Automotive Artificial Intelligence (AI) as of 2022)

Table 17. Global Market Automotive Artificial Intelligence (AI) Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 18. Manufacturers Automotive Artificial Intelligence (AI) Sales Sites and Area Served

Table 19. Manufacturers Automotive Artificial Intelligence (AI) Product Type

Table 20. Global Automotive Artificial Intelligence (AI) Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 21. Mergers & Acquisitions, Expansion Plans

Table 22. Industry Chain Map of Automotive Artificial Intelligence (AI)

Table 23. Market Overview of Key Raw Materials

Table 24. Midstream Market Analysis

Table 25. Downstream Customer Analysis

Table 26. Key Development Trends

Table 27. Driving Factors

Table 28. Automotive Artificial Intelligence (AI) Market Challenges

Table 29. Global Automotive Artificial Intelligence (AI) Sales by Type (K Units)

Table 30. Global Automotive Artificial Intelligence (AI) Market Size by Type (M USD)

Table 31. Global Automotive Artificial Intelligence (AI) Sales (K Units) by Type (2019-2024)

Table 32. Global Automotive Artificial Intelligence (AI) Sales Market Share by Type (2019-2024)

Table 33. Global Automotive Artificial Intelligence (AI) Market Size (M USD) by Type (2019-2024)

Table 34. Global Automotive Artificial Intelligence (AI) Market Size Share by Type (2019-2024)

Table 35. Global Automotive Artificial Intelligence (AI) Price (USD/Unit) by Type (2019-2024)

Table 36. Global Automotive Artificial Intelligence (AI) Sales (K Units) by Application

Table 37. Global Automotive Artificial Intelligence (AI) Market Size by Application

Table 38. Global Automotive Artificial Intelligence (AI) Sales by Application (2019-2024) & (K Units)

Table 39. Global Automotive Artificial Intelligence (AI) Sales Market Share by Application (2019-2024)

Table 40. Global Automotive Artificial Intelligence (AI) Sales by Application (2019-2024) & (M USD)

Table 41. Global Automotive Artificial Intelligence (AI) Market Share by Application (2019-2024)

Table 42. Global Automotive Artificial Intelligence (AI) Sales Growth Rate by Application (2019-2024)

Table 43. Global Automotive Artificial Intelligence (AI) Sales by Region (2019-2024) & (K Units)

Table 44. Global Automotive Artificial Intelligence (AI) Sales Market Share by Region (2019-2024)

Table 45. North America Automotive Artificial Intelligence (AI) Sales by Country (2019-2024) & (K Units)

Table 46. Europe Automotive Artificial Intelligence (AI) Sales by Country (2019-2024) & (K Units)

Table 47. Asia Pacific Automotive Artificial Intelligence (AI) Sales by Region (2019-2024) & (K Units)

Table 48. South America Automotive Artificial Intelligence (AI) Sales by Country (2019-2024) & (K Units)

Table 49. Middle East and Africa Automotive Artificial Intelligence (AI) Sales by Region

(2019-2024) & (K Units)

Table 50. Global Automotive Artificial Intelligence (AI) Production (K Units) by Region (2019-2024)

Table 51. Global Automotive Artificial Intelligence (AI) Revenue (US\$ Million) by Region (2019-2024)

Table 52. Global Automotive Artificial Intelligence (AI) Revenue Market Share by Region (2019-2024)

Table 53. Global Automotive Artificial Intelligence (AI) Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 54. North America Automotive Artificial Intelligence (AI) Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 55. Europe Automotive Artificial Intelligence (AI) Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 56. Japan Automotive Artificial Intelligence (AI) Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 57. China Automotive Artificial Intelligence (AI) Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 58. NVIDIA Automotive Artificial Intelligence (AI) Basic Information

Table 59. NVIDIA Automotive Artificial Intelligence (AI) Product Overview

Table 60. NVIDIA Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 61. NVIDIA Business Overview

Table 62. NVIDIA Automotive Artificial Intelligence (AI) SWOT Analysis

Table 63. NVIDIA Recent Developments

Table 64. Uber Technologies Automotive Artificial Intelligence (AI) Basic Information

Table 65. Uber Technologies Automotive Artificial Intelligence (AI) Product Overview

Table 66. Uber Technologies Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 67. Uber Technologies Business Overview

Table 68. Uber Technologies Automotive Artificial Intelligence (AI) SWOT Analysis

Table 69. Uber Technologies Recent Developments

Table 70. Alphabet (Google) Automotive Artificial Intelligence (AI) Basic Information

Table 71. Alphabet (Google) Automotive Artificial Intelligence (AI) Product Overview

Table 72. Alphabet (Google) Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 73. Alphabet (Google) Automotive Artificial Intelligence (AI) SWOT Analysis

Table 74. Alphabet (Google) Business Overview

Table 75. Alphabet (Google) Recent Developments

Table 76. Microsoft Automotive Artificial Intelligence (AI) Basic Information

- Table 77. Microsoft Automotive Artificial Intelligence (AI) Product Overview
- Table 78. Microsoft Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 79. Microsoft Business Overview
- Table 80. Microsoft Recent Developments
- Table 81. BMW Automotive Artificial Intelligence (AI) Basic Information
- Table 82. BMW Automotive Artificial Intelligence (AI) Product Overview
- Table 83. BMW Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 84. BMW Business Overview
- Table 85. BMW Recent Developments
- Table 86. Xilinx Automotive Artificial Intelligence (AI) Basic Information
- Table 87. Xilinx Automotive Artificial Intelligence (AI) Product Overview
- Table 88. Xilinx Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 89. Xilinx Business Overview
- Table 90. Xilinx Recent Developments
- Table 91. Didi Automotive Artificial Intelligence (AI) Basic Information
- Table 92. Didi Automotive Artificial Intelligence (AI) Product Overview
- Table 93. Didi Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 94. Didi Business Overview
- Table 95. Didi Recent Developments
- Table 96. Intel Automotive Artificial Intelligence (AI) Basic Information
- Table 97. Intel Automotive Artificial Intelligence (AI) Product Overview
- Table 98. Intel Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 99. Intel Business Overview
- Table 100. Intel Recent Developments
- Table 101. Amazon Web Services Automotive Artificial Intelligence (AI) Basic Information
- Table 102. Amazon Web Services Automotive Artificial Intelligence (AI) Product Overview
- Table 103. Amazon Web Services Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 104. Amazon Web Services Business Overview
- Table 105. Amazon Web Services Recent Developments
- Table 106. IBM Automotive Artificial Intelligence (AI) Basic Information
- Table 107. IBM Automotive Artificial Intelligence (AI) Product Overview

Table 108. IBM Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 109. IBM Business Overview

Table 110. IBM Recent Developments

Table 111. Toyota Motor Corporation Automotive Artificial Intelligence (AI) Basic Information

Table 112. Toyota Motor Corporation Automotive Artificial Intelligence (AI) Product Overview

Table 113. Toyota Motor Corporation Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 114. Toyota Motor Corporation Business Overview

Table 115. Toyota Motor Corporation Recent Developments

Table 116. Audi Automotive Artificial Intelligence (AI) Basic Information

Table 117. Audi Automotive Artificial Intelligence (AI) Product Overview

Table 118. Audi Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 119. Audi Business Overview

Table 120. Audi Recent Developments

Table 121. Micron Automotive Artificial Intelligence (AI) Basic Information

Table 122. Micron Automotive Artificial Intelligence (AI) Product Overview

Table 123. Micron Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 124. Micron Business Overview

Table 125. Micron Recent Developments

Table 126. Samsung Automotive Artificial Intelligence (AI) Basic Information

Table 127. Samsung Automotive Artificial Intelligence (AI) Product Overview

Table 128. Samsung Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 129. Samsung Business Overview

Table 130. Samsung Recent Developments

Table 131. Tesla Automotive Artificial Intelligence (AI) Basic Information

Table 132. Tesla Automotive Artificial Intelligence (AI) Product Overview

Table 133. Tesla Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 134. Tesla Business Overview

Table 135. Tesla Recent Developments

Table 136. Hyundai Motor Corporation Automotive Artificial Intelligence (AI) Basic Information

Table 137. Hyundai Motor Corporation Automotive Artificial Intelligence (AI) Product

Overview

Table 138. Hyundai Motor Corporation Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 139. Hyundai Motor Corporation Business Overview

Table 140. Hyundai Motor Corporation Recent Developments

Table 141. Argo AI Automotive Artificial Intelligence (AI) Basic Information

Table 142. Argo AI Automotive Artificial Intelligence (AI) Product Overview

Table 143. Argo AI Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 144. Argo AI Business Overview

Table 145. Argo AI Recent Developments

Table 146. SenseTime Automotive Artificial Intelligence (AI) Basic Information

Table 147. SenseTime Automotive Artificial Intelligence (AI) Product Overview

Table 148. SenseTime Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 149. SenseTime Business Overview

Table 150. SenseTime Recent Developments

Table 151. Qualcomm Automotive Artificial Intelligence (AI) Basic Information

Table 152. Qualcomm Automotive Artificial Intelligence (AI) Product Overview

Table 153. Qualcomm Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 154. Qualcomm Business Overview

Table 155. Qualcomm Recent Developments

Table 156. General Motors Company Automotive Artificial Intelligence (AI) Basic Information

Table 157. General Motors Company Automotive Artificial Intelligence (AI) Product Overview

Table 158. General Motors Company Automotive Artificial Intelligence (AI) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 159. General Motors Company Business Overview

Table 160. General Motors Company Recent Developments

Table 161. Global Automotive Artificial Intelligence (AI) Sales Forecast by Region (2025-2032) & (K Units)

Table 162. Global Automotive Artificial Intelligence (AI) Market Size Forecast by Region (2025-2032) & (M USD)

Table 163. North America Automotive Artificial Intelligence (AI) Sales Forecast by Country (2025-2032) & (K Units)

Table 164. North America Automotive Artificial Intelligence (AI) Market Size Forecast by Country (2025-2032) & (M USD)

Table 165. Europe Automotive Artificial Intelligence (AI) Sales Forecast by Country (2025-2032) & (K Units)

Table 166. Europe Automotive Artificial Intelligence (AI) Market Size Forecast by Country (2025-2032) & (M USD)

Table 167. Asia Pacific Automotive Artificial Intelligence (AI) Sales Forecast by Region (2025-2032) & (K Units)

Table 168. Asia Pacific Automotive Artificial Intelligence (AI) Market Size Forecast by Region (2025-2032) & (M USD)

Table 169. South America Automotive Artificial Intelligence (AI) Sales Forecast by Country (2025-2032) & (K Units)

Table 170. South America Automotive Artificial Intelligence (AI) Market Size Forecast by Country (2025-2032) & (M USD)

Table 171. Middle East and Africa Automotive Artificial Intelligence (AI) Consumption Forecast by Country (2025-2032) & (Units)

Table 172. Middle East and Africa Automotive Artificial Intelligence (AI) Market Size Forecast by Country (2025-2032) & (M USD)

Table 173. Global Automotive Artificial Intelligence (AI) Sales Forecast by Type (2025-2032) & (K Units)

Table 174. Global Automotive Artificial Intelligence (AI) Market Size Forecast by Type (2025-2032) & (M USD)

Table 175. Global Automotive Artificial Intelligence (AI) Price Forecast by Type (2025-2032) & (USD/Unit)

Table 176. Global Automotive Artificial Intelligence (AI) Sales (K Units) Forecast by Application (2025-2032)

Table 177. Global Automotive Artificial Intelligence (AI) Market Size Forecast by Application (2025-2032) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Automotive Artificial Intelligence (AI)
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Motor Vehicle Production (M Units)
- Figure 5. Global Automotive Artificial Intelligence (AI) Market Size (M USD), 2019-2032
- Figure 6. Global Automotive Artificial Intelligence (AI) Market Size (M USD) (2019-2032)
- Figure 7. Global Automotive Artificial Intelligence (AI) Sales (K Units) & (2019-2032)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 9. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 10. Evaluation Matrix of Regional Market Development Potential
- Figure 11. Automotive Artificial Intelligence (AI) Market Size by Country (M USD)
- Figure 12. Automotive Artificial Intelligence (AI) Sales Share by Manufacturers in 2023
- Figure 13. Global Automotive Artificial Intelligence (AI) Revenue Share by Manufacturers in 2023
- Figure 14. Automotive Artificial Intelligence (AI) Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 15. Global Market Automotive Artificial Intelligence (AI) Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 16. The Global 5 and 10 Largest Players: Market Share by Automotive Artificial Intelligence (AI) Revenue in 2023
- Figure 17. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 18. Global Automotive Artificial Intelligence (AI) Market Share by Type
- Figure 19. Sales Market Share of Automotive Artificial Intelligence (AI) by Type (2019-2024)
- Figure 20. Sales Market Share of Automotive Artificial Intelligence (AI) by Type in 2023
- Figure 21. Market Size Share of Automotive Artificial Intelligence (AI) by Type (2019-2024)
- Figure 22. Market Size Market Share of Automotive Artificial Intelligence (AI) by Type in 2023
- Figure 23. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 24. Global Automotive Artificial Intelligence (AI) Market Share by Application
- Figure 25. Global Automotive Artificial Intelligence (AI) Sales Market Share by Application (2019-2024)
- Figure 26. Global Automotive Artificial Intelligence (AI) Sales Market Share by Application in 2023

Figure 27. Global Automotive Artificial Intelligence (AI) Market Share by Application (2019-2024)

Figure 28. Global Automotive Artificial Intelligence (AI) Market Share by Application in 2023

Figure 29. Global Automotive Artificial Intelligence (AI) Sales Growth Rate by Application (2019-2024)

Figure 30. Global Automotive Artificial Intelligence (AI) Sales Market Share by Region (2019-2024)

Figure 31. North America Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 32. North America Automotive Artificial Intelligence (AI) Sales Market Share by Country in 2023

Figure 33. U.S. Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 34. Canada Automotive Artificial Intelligence (AI) Sales (K Units) and Growth Rate (2019-2024)

Figure 35. Mexico Automotive Artificial Intelligence (AI) Sales (Units) and Growth Rate (2019-2024)

Figure 36. Europe Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 37. Europe Automotive Artificial Intelligence (AI) Sales Market Share by Country in 2023

Figure 38. Germany Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. France Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. U.K. Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Italy Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Russia Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 43. Asia Pacific Automotive Artificial Intelligence (AI) Sales and Growth Rate (K Units)

Figure 44. Asia Pacific Automotive Artificial Intelligence (AI) Sales Market Share by Region in 2023

Figure 45. China Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. Japan Automotive Artificial Intelligence (AI) Sales and Growth Rate

(2019-2024) & (K Units)

Figure 47. South Korea Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. India Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. Southeast Asia Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 50. South America Automotive Artificial Intelligence (AI) Sales and Growth Rate (K Units)

Figure 51. South America Automotive Artificial Intelligence (AI) Sales Market Share by Country in 2023

Figure 52. Brazil Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Argentina Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Columbia Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 55. Middle East and Africa Automotive Artificial Intelligence (AI) Sales and Growth Rate (K Units)

Figure 56. Middle East and Africa Automotive Artificial Intelligence (AI) Sales Market Share by Region in 2023

Figure 57. Saudi Arabia Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. UAE Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Egypt Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. Nigeria Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. South Africa Automotive Artificial Intelligence (AI) Sales and Growth Rate (2019-2024) & (K Units)

Figure 62. Global Automotive Artificial Intelligence (AI) Production Market Share by Region (2019-2024)

Figure 63. North America Automotive Artificial Intelligence (AI) Production (K Units) Growth Rate (2019-2024)

Figure 64. Europe Automotive Artificial Intelligence (AI) Production (K Units) Growth Rate (2019-2024)

Figure 65. Japan Automotive Artificial Intelligence (AI) Production (K Units) Growth Rate (2019-2024)

Figure 66. China Automotive Artificial Intelligence (AI) Production (K Units) Growth Rate (2019-2024)

Figure 67. Global Automotive Artificial Intelligence (AI) Sales Forecast by Volume (2019-2032) & (K Units)

Figure 68. Global Automotive Artificial Intelligence (AI) Market Size Forecast by Value (2019-2032) & (M USD)

Figure 69. Global Automotive Artificial Intelligence (AI) Sales Market Share Forecast by Type (2025-2032)

Figure 70. Global Automotive Artificial Intelligence (AI) Market Share Forecast by Type (2025-2032)

Figure 71. Global Automotive Artificial Intelligence (AI) Sales Forecast by Application (2025-2032)

Figure 72. Global Automotive Artificial Intelligence (AI) Market Share Forecast by Application (2025-2032)

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