

Automotive Artificial Intelligence Market Size, Trends, Analysis, and Outlook by Offering (Hardware, Software), Technology (Deep Learning, Machine Learning, Context- aware Computing, Computer Vision, Natural Language Processing), Process (Signal Recognition, Image Recognition, Data Mining), Application (Human–Machine Interface, Semi-autonomous Driving, Autonomous Driving, Identity Authentication, Driver Monitoring, Autonomous Driving Processor Chips), Component (Graphics processing unit (GPU), Microprocessors, Field Programmable Gate Array (FPGA), Memory and Storage systems, Image Sensors, Biometric Scanners, Others), by Country, Segment, and Companies, 2024-2030

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Abstracts

The global Automotive Clutch Systems market size is poised to register 6.27% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Automotive Clutch Systems market by Type (Manual Transmission, Automatic Transmission, Dual-Clutch Transmission (DCT)), Application (Passenger Vehicle, Light Commercial Vehicle, Heavy Commercial Vehicle), Sales Channel (OEM, Aftermarket).

The Automotive Clutch Systems Market is poised for significant evolution and growth by

2030, driven by several key trends and drivers. Primarily, the increasing demand for vehicles with improved fuel efficiency, enhanced performance, and seamless driving experience is propelling the adoption of advanced clutch systems. This includes the growing adoption of automated manual transmissions (AMTs), dual-clutch transmissions (DCTs), and continuously variable transmissions (CVTs), which require sophisticated clutch systems for efficient operation. Further, the rise of electric and hybrid vehicles is reshaping the market landscape, with a growing need for clutch systems that can support the unique requirements of electric drivetrains, such as regenerative braking and torque vectoring. In addition, advancements in material science, friction material technology, and control systems are enabling the production of clutch systems with improved durability, smoother engagement, and reduced weight, further driving market growth. Furthermore, the expansion of the automotive aftermarket and the increasing demand for replacement parts are driving demand for innovative and reliable clutch systems, offering opportunities for market expansion and technological innovation in the Automotive Clutch Systems segment. .

Automotive Clutch Systems Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Automotive Clutch Systems market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Automotive Clutch Systems survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Automotive Clutch Systems industry.

Key market trends defining the global Automotive Clutch Systems demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Automotive Clutch Systems Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Automotive Clutch Systems industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from

expansion into these niche segments. The report presents the market size outlook across segments to support Automotive Clutch Systems companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Automotive Clutch Systems industry
Leading Automotive Clutch Systems companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Automotive Clutch Systems companies.

Automotive Clutch Systems Market Study- Strategic Analysis Review

The Automotive Clutch Systems market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis.

Explore potential market disruptions, technology advancements, and economic changes.

Automotive Clutch Systems Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Automotive Clutch Systems industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Automotive Clutch Systems Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Automotive Clutch Systems Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Automotive Clutch Systems market segments. Similarly, Strong end-user demand is encouraging Canadian Automotive Clutch Systems companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Automotive Clutch Systems market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Automotive Clutch Systems Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Automotive Clutch Systems industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Automotive Clutch Systems market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Automotive Clutch Systems Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Automotive Clutch Systems in Asia Pacific. In particular, China, India, and South East Asian Automotive Clutch Systems markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Automotive Clutch Systems Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers,

spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Automotive Clutch Systems Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Automotive Clutch Systems market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Automotive Clutch Systems.

Automotive Clutch Systems Market Company Profiles

The global Automotive Clutch Systems market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Aisin Seiki Co. Ltd, AMS Automotive, AP Racing Ltd, Autoclutch Ltd, BorgWarner Inc, Centerforce Clutches, EXEDY Corp, FCC. Co. Ltd, NSK Ltd, RAICAM Industrie SRL, Schaeffler AG, Valeo SA, ZF Friedrichshafen AG, Zhejiang Tielu Clutch Co. Ltd.

Recent Automotive Clutch Systems Market Developments

The global Automotive Clutch Systems market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Automotive Clutch Systems Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

Type

Manual Transmission

Automatic Transmission

Dual-Clutch Transmission (DCT)

Application

Passenger Vehicle

Light Commercial Vehicle

Heavy Commercial Vehicle

Sales Channel

OEM

Aftermarket

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Aisin Seiki Co. Ltd

AMS Automotive

AP Racing Ltd

Autoclutch Ltd

BorgWarner Inc

Centerforce Clutches

EXEDY Corp

FCC. Co. Ltd

NSK Ltd

RAICAM Industrie SRL

Schaeffler AG

Valeo SA

ZF Friedrichshafen AG

Zhejiang Tielu Clutch Co. Ltd.

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 Automotive Artificial Intelligence Market Overview and Key Findings, 2024
- 1.2 Automotive Artificial Intelligence Market Size and Growth Outlook, 2021- 2030
- 1.3 Automotive Artificial Intelligence Market Growth Opportunities to 2030
- 1.4 Key Automotive Artificial Intelligence Market Trends and Challenges
 - 1.4.1 Automotive Artificial Intelligence Market Drivers and Trends
 - 1.4.2 Automotive Artificial Intelligence Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Automotive Artificial Intelligence Companies

2. AUTOMOTIVE ARTIFICIAL INTELLIGENCE MARKET SIZE OUTLOOK TO 2030

- 2.1 Automotive Artificial Intelligence Market Size Outlook, USD Million, 2021- 2030
- 2.2 Automotive Artificial Intelligence Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. AUTOMOTIVE ARTIFICIAL INTELLIGENCE MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. AUTOMOTIVE ARTIFICIAL INTELLIGENCE MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
 - Offering
 - Hardware

Software
Technology
Deep Learning
Machine Learning
Context- aware Computing
Computer Vision
Natural Language Processing
Process
Signal Recognition
Image Recognition
Data Mining
Application
Human–Machine Interface
Semi-autonomous Driving
Autonomous Driving
Identity Authentication
Driver Monitoring
Autonomous Driving Processor Chips
Component
Graphics processing unit (GPU)
Microprocessors
Field Programmable Gate Array (FPGA)
Memory and Storage systems
Image Sensors
Biometric Scanners
Others

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific Automotive Artificial Intelligence Market, 2025

5.2 Asia Pacific Automotive Artificial Intelligence Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Automotive Artificial Intelligence Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Automotive Artificial Intelligence Market, 2025

5.5 Europe Automotive Artificial Intelligence Market Size Outlook by Type, 2021- 2030

5.6 Europe Automotive Artificial Intelligence Market Size Outlook by Application, 2021-

2030

5.7 Key Findings for North America Automotive Artificial Intelligence Market, 2025

5.8 North America Automotive Artificial Intelligence Market Size Outlook by Type, 2021-2030

5.9 North America Automotive Artificial Intelligence Market Size Outlook by Application, 2021-2030

5.10 Key Findings for South America Automotive Artificial Intelligence Market, 2025

5.11 South America Pacific Automotive Artificial Intelligence Market Size Outlook by Type, 2021-2030

5.12 South America Automotive Artificial Intelligence Market Size Outlook by Application, 2021-2030

5.13 Key Findings for Middle East and Africa Automotive Artificial Intelligence Market, 2025

5.14 Middle East Africa Automotive Artificial Intelligence Market Size Outlook by Type, 2021-2030

5.15 Middle East Africa Automotive Artificial Intelligence Market Size Outlook by Application, 2021-2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Automotive Artificial Intelligence Market Size Outlook and Revenue Growth Forecasts

6.2 US Automotive Artificial Intelligence Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Automotive Artificial Intelligence Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Automotive Artificial Intelligence Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Automotive Artificial Intelligence Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Automotive Artificial Intelligence Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Automotive Artificial Intelligence Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Automotive Artificial Intelligence Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Automotive Artificial Intelligence Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Automotive Artificial Intelligence Industry Drivers and Opportunities

- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Automotive Artificial Intelligence Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Automotive Artificial Intelligence Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Automotive Artificial Intelligence Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Automotive Artificial Intelligence Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Automotive Artificial Intelligence Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Automotive Artificial Intelligence Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Automotive Artificial Intelligence Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Automotive Artificial Intelligence Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Automotive Artificial Intelligence Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Automotive Artificial Intelligence Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Automotive Artificial Intelligence Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Automotive Artificial Intelligence Industry Drivers and Opportunities

7. AUTOMOTIVE ARTIFICIAL INTELLIGENCE MARKET OUTLOOK ACROSS SCENARIOS

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

8. AUTOMOTIVE ARTIFICIAL INTELLIGENCE COMPANY PROFILES

- 8.1 Profiles of Leading Automotive Artificial Intelligence Companies in the Market
- 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies

8.3 Financial Performance and Key Metrics

Alphabet Inc

Audi AG

Automotive Artificial Intelligence GmbH

BMW AG

Daimler AG

Didi Chuxing Technology Co. Ltd

Ford Motor Company

General Motors Company

Harman International Industries Inc

Honda Motor Co. Ltd

Hyundai Motor Corp

IBM Corp

Intel Corp

Micron Technology

Microsoft Corp

Mitsubishi Electric Corp

Motor Corp

Nvidia Corp

Qualcomm Inc

Tesla Inc

Uber Technologies Inc

Volvo Car Corp

Xilinx Inc

9. APPENDIX

9.1 Scope of the Report

9.2 Research Methodology and Data Sources

9.3 Glossary of Terms

9.4 Market Definitions

9.5 Contact Information

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