

Global Automotive Predictive Technology Market Size study & Forecast, by Vehicle Type(Passenger Vehicles, Commercial Vehicles) by End User (Fleet Owners, Insurers, Other End Users), by Hardware Type (ADAS, On-board Diagnosis, Other Hardware Types) and Regional Analysis, 2023-2030

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Abstracts

Global Automotive Predictive Technology Market is valued at approximately USD 63.94 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 8.21% over the forecast period 2023-2030. Automotive Predictive Technology refers to the use of advanced analytics and predictive modeling techniques to anticipate and forecast various aspects of the automotive industry. It leverages data from various sources, such as vehicle sensors, historical records, market trends, and customer behavior, to make informed predictions about different aspects of the automotive ecosystem. The Automotive Predictive Technology market is expanding because of factors such as increasing installation of advanced driver-assistance systems (ADAS) and growing investment in research and development activities.

The automotive industry has been driving research and development in recent years to enhance ADAS systems. As a result, lane departure warning systems, cameras, RADAR, and other sensors are in high demand and are being integrated into vehicles at a rapid rate. This led to additional advancements in advanced driving aid systems. Companies, therefore, keep focusing on developing products utilising these technologies to increase demand in the industry which is driving the market growth. As an example, in the year 2021 Hyundai unveiled its upgraded Santafee model. Along with safety features, the car is loaded with numerous features. The Hyundai Santafee comes with SmartSense safety systems, which include a variety of cameras, radars,



and motion detection technologies like Forward Collision-Avoidance Assist (FCA), meant to identify cars, pedestrians, or cyclists who are directly in front of the car. In April 2021, Toyota Motor Corp. unveiled updated models of the Toyota Mirai and Lexus LS in Japan. Both cars are equipped with Level 2 autonomous Advanced Drive, which helps with lane keeping, keeping a safe distance from other cars, lane changes, and advanced driver assistance. Additionally, Toyota has made known that it intends to pay USD 550 million to buy Lyft's autonomous vehicle division. Such technological advancement is driving the market growth. In addition, rising investments by the companies to adopt advanced technologies such as IoT and AI and rising government support to the industry is creating lucrative growth to the market. However, the high cost of Automotive Predictive Technology stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Automotive Predictive Technology Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to presence of key market players, rising adoption of self-driving technology system, and rising technological advancement in the region. Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as increasing production of electric vehicles, rising initiatives for implementation of predictive technology.

Major market player included in this report are:
Continental AG
Aptiv PLC
Garrett Motion Inc.
Harman International Industries Incorporated
Visteon Corporation
ZF Friedrichshafen AG
Valeo SA
Robert Bosch GmbH
Verizon
Infineon Technologies AG

Recent Developments in the Market:

In July 2021, ZF launched its brand-new ZF ProAl supercomputer. This system offers the most recent security measures against cyber threats by providing tailored computing power for cars of any level of automation. It is equipped with control units, software, sensors, and actuators for software-defined vehicles.

In January 2021, HARMAN introduced HARMAN Turbo Connect (TBOT), a brand-new



intelligent software agent that foresees and corrects on-the-road connectivity issues for vehicles. When combined with 5G-enabled technologies like HARMAN's Smart Conformal Antenna and complete 5G or 5G-ready Telecommunications Control Units (TCU), the HARMAN TBOT meets the current demand for high-speed connectivity with low latency.

Global Automotive Predictive Technology Market Report Scope:

Historical Data - 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered – Vehicle Type, End User, Hardware Type, Region Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

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

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Vehicle Type offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Vehicle Type: Passenger Vehicles Commercial Vehicles

By End User: Fleet Owners Insurers Other End Users



By Hardware Type:
ADAS
On-board Diagnosis
Other Hardware Types

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa



Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Automotive Predictive Technology Market, by Region, 2020-2030 (USD Billion)
- 1.2.2. Automotive Predictive Technology Market, by Vehicle Type, 2020-2030 (USD Billion)
- 1.2.3. Automotive Predictive Technology Market, by End User, 2020-2030 (USD Billion)
- 1.2.4. Automotive Predictive Technology Market, by Hardware Type, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL AUTOMOTIVE PREDICTIVE TECHNOLOGY MARKET DEFINITION AND SCOPE

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

CHAPTER 3. GLOBAL AUTOMOTIVE PREDICTIVE TECHNOLOGY MARKET DYNAMICS

- 3.1. Automotive Predictive Technology Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing installation of advanced driver-assistance systems (ADAS)
 - 3.1.1.2. Growing investment in research and development activities
 - 3.1.2. Market Challenges
 - 3.1.2.1. High Cost of Automotive Predictive Technology
 - 3.1.3. Market Opportunities
- 3.1.3.1. Rising investments by the companies to adopt advanced technologies such as IoT and AI



3.1.3.2. Rising government support to the industry

CHAPTER 4. GLOBAL AUTOMOTIVE PREDICTIVE TECHNOLOGY MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL AUTOMOTIVE PREDICTIVE TECHNOLOGY MARKET, BY VEHICLE TYPE

- 5.1. Market Snapshot
- 5.2. Global Automotive Predictive Technology Market by Vehicle Type, Performance Potential Analysis
- 5.3. Global Automotive Predictive Technology Market Estimates & Forecasts by Vehicle Type 2020-2030 (USD Billion)
- 5.4. Automotive Predictive Technology Market, Sub Segment Analysis
 - 5.4.1. Passenger Vehicles
 - 5.4.2. Commercial Vehicles

CHAPTER 6. GLOBAL AUTOMOTIVE PREDICTIVE TECHNOLOGY MARKET, BY



END USER

- 6.1. Market Snapshot
- 6.2. Global Automotive Predictive Technology Market by End User, Performance Potential Analysis
- 6.3. Global Automotive Predictive Technology Market Estimates & Forecasts by End User 2020-2030 (USD Billion)
- 6.4. Automotive Predictive Technology Market, Sub Segment Analysis
 - 6.4.1. Fleet Owners
 - 6.4.2. Insurers
 - 6.4.3. Other End Users

CHAPTER 7. GLOBAL AUTOMOTIVE PREDICTIVE TECHNOLOGY MARKET, BY HARDWARE TYPE

- 7.1. Market Snapshot
- 7.2. Global Automotive Predictive Technology Market by Hardware Type, Performance Potential Analysis
- 7.3. Global Automotive Predictive Technology Market Estimates & Forecasts by Hardware Type 2020-2030 (USD Billion)
- 7.4. Automotive Predictive Technology Market, Sub Segment Analysis
 - 7.4.1. ADAS
 - 7.4.2. On-board Diagnosis
- 7.4.3. Other Hardware Types

CHAPTER 8. GLOBAL AUTOMOTIVE PREDICTIVE TECHNOLOGY MARKET, REGIONAL ANALYSIS

- 8.1. Top Leading Countries
- 8.2. Top Emerging Countries
- 8.3. Automotive Predictive Technology Market, Regional Market Snapshot
- 8.4. North America Automotive Predictive Technology Market
 - 8.4.1. U.S. Automotive Predictive Technology Market
 - 8.4.1.1. Vehicle Type breakdown estimates & forecasts, 2020-2030
 - 8.4.1.2. End User breakdown estimates & forecasts, 2020-2030
 - 8.4.1.3. Hardware Type breakdown estimates & forecasts, 2020-2030
 - 8.4.2. Canada Automotive Predictive Technology Market
- 8.5. Europe Automotive Predictive Technology Market Snapshot
 - 8.5.1. U.K. Automotive Predictive Technology Market



- 8.5.2. Germany Automotive Predictive Technology Market
- 8.5.3. France Automotive Predictive Technology Market
- 8.5.4. Spain Automotive Predictive Technology Market
- 8.5.5. Italy Automotive Predictive Technology Market
- 8.5.6. Rest of Europe Automotive Predictive Technology Market
- 8.6. Asia-Pacific Automotive Predictive Technology Market Snapshot
 - 8.6.1. China Automotive Predictive Technology Market
 - 8.6.2. India Automotive Predictive Technology Market
 - 8.6.3. Japan Automotive Predictive Technology Market
 - 8.6.4. Australia Automotive Predictive Technology Market
 - 8.6.5. South Korea Automotive Predictive Technology Market
 - 8.6.6. Rest of Asia Pacific Automotive Predictive Technology Market
- 8.7. Latin America Automotive Predictive Technology Market Snapshot
 - 8.7.1. Brazil Automotive Predictive Technology Market
 - 8.7.2. Mexico Automotive Predictive Technology Market
- 8.8. Middle East & Africa Automotive Predictive Technology Market
 - 8.8.1. Saudi Arabia Automotive Predictive Technology Market
 - 8.8.2. South Africa Automotive Predictive Technology Market
 - 8.8.3. Rest of Middle East & Africa Automotive Predictive Technology Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. Continental AG
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Recent Developments
 - 9.3.2. Aptiv PLC
 - 9.3.3. Garrett Motion Inc.
 - 9.3.4. Harman International Industries Incorporated
 - 9.3.5. Visteon Corporation
 - 9.3.6. ZF Friedrichshafen AG



- 9.3.7. Valeo SA
- 9.3.8. Robert Bosch GmbH
- 9.3.9. Verizon
- 9.3.10. Infineon Technologies AG

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption



List Of Tables

LIST OF TABLES

- TABLE 1. Global Automotive Predictive Technology Market, report scope
- TABLE 2. Global Automotive Predictive Technology Market estimates & forecasts by Region 2020-2030 (USD Billion)
- TABLE 3. Global Automotive Predictive Technology Market estimates & forecasts by Vehicle Type 2020-2030 (USD Billion)
- TABLE 4. Global Automotive Predictive Technology Market estimates & forecasts by End User 2020-2030 (USD Billion)
- TABLE 5. Global Automotive Predictive Technology Market estimates & forecasts by Hardware Type 2020-2030 (USD Billion)
- TABLE 6. Global Automotive Predictive Technology Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 7. Global Automotive Predictive Technology Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 8. Global Automotive Predictive Technology Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 9. Global Automotive Predictive Technology Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 10. Global Automotive Predictive Technology Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 11. Global Automotive Predictive Technology Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 12. Global Automotive Predictive Technology Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 13. Global Automotive Predictive Technology Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 14. Global Automotive Predictive Technology Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 15. Global Automotive Predictive Technology Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 16. U.S. Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 17. U.S. Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 18. U.S. Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)



- TABLE 19. Canada Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 20. Canada Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 21. Canada Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 22. UK Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 23. UK Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 24. UK Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 25. Germany Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 26. Germany Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 27. Germany Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 28. France Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 29. France Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 30. France Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 31. Italy Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 32. Italy Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 33. Italy Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 34. Spain Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 35. Spain Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 36. Spain Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 37. RoE Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 38. RoE Automotive Predictive Technology Market estimates & forecasts by



segment 2020-2030 (USD Billion)

TABLE 39. RoE Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 40. China Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 41. China Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. China Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 43. India Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 44. India Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. India Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 46. Japan Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 47. Japan Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. Japan Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 49. South Korea Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 50. South Korea Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. South Korea Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52. Australia Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 53. Australia Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. Australia Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55. RoAPAC Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 56. RoAPAC Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. RoAPAC Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)



TABLE 58. Brazil Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 59. Brazil Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Brazil Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Mexico Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 62. Mexico Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. Mexico Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. RoLA Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 65. RoLA Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. RoLA Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. Saudi Arabia Automotive Predictive Technology Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 68. South Africa Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. RoMEA Automotive Predictive Technology Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Automotive Predictive Technology Market

TABLE 71. List of primary sources, used in the study of global Automotive Predictive Technology Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

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



List Of Figures

LIST OF FIGURES

- FIG 1. Global Automotive Predictive Technology Market, research methodology
- FIG 2. Global Automotive Predictive Technology Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Automotive Predictive Technology Market, key trends 2022
- FIG 5. Global Automotive Predictive Technology Market, growth prospects 2023-2030
- FIG 6. Global Automotive Predictive Technology Market, porters 5 force model
- FIG 7. Global Automotive Predictive Technology Market, pest analysis
- FIG 8. Global Automotive Predictive Technology Market, value chain analysis
- FIG 9. Global Automotive Predictive Technology Market by segment, 2020 & 2030 (USD Billion)
- FIG 10. Global Automotive Predictive Technology Market by segment, 2020 & 2030 (USD Billion)
- FIG 11. Global Automotive Predictive Technology Market by segment, 2020 & 2030 (USD Billion)
- FIG 12. Global Automotive Predictive Technology Market by segment, 2020 & 2030 (USD Billion)
- FIG 13. Global Automotive Predictive Technology Market by segment, 2020 & 2030 (USD Billion)
- FIG 14. Global Automotive Predictive Technology Market, regional snapshot 2020 & 2030
- FIG 15. North America Automotive Predictive Technology Market 2020 & 2030 (USD Billion)
- FIG 16. Europe Automotive Predictive Technology Market 2020 & 2030 (USD Billion)
- FIG 17. Asia pacific Automotive Predictive Technology Market 2020 & 2030 (USD Billion)
- FIG 18. Latin America Automotive Predictive Technology Market 2020 & 2030 (USD Billion)
- FIG 19. Middle East & Africa Automotive Predictive Technology Market 2020 & 2030 (USD Billion)
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