Global Vehicle Diagnostic Analytics Market 2023-2029

Abstracts

Vehicle diagnostic analytics refers to the use of data analytics and machine learning techniques to analyze data from a vehicle's onboard diagnostic system (OBD) and other sensors to identify potential issues or faults in a vehicle's performance. This technology is used by automotive manufacturers, dealerships, and service centers to improve vehicle maintenance and reduce the risk of breakdowns or accidents. Vehicle diagnostic analytics typically involves collecting data from a variety of sources, including the OBD system, GPS, and other sensors, and analyzing this data to identify patterns and anomalies that may indicate a potential issue with the vehicle. This can include analyzing data on engine performance, fuel efficiency, tire pressure, and other factors that can affect a vehicle's performance. By analyzing this data, vehicle diagnostic analytics can help to identify potential issues before they become serious problems, allowing drivers and service providers to take corrective action before a breakdown or accident occurs. This can help to improve vehicle safety, reduce the risk of costly repairs, and extend the life of the vehicle. Vehicle diagnostic analytics is also used by automotive manufacturers to improve the design and performance of their vehicles. By analyzing data on how vehicles are used in the real world, manufacturers can identify areas where improvements can be made to improve fuel efficiency, reduce emissions, and enhance overall performance. According to the latest research, the global vehicle diagnostic analytics market is poised to grow by USD 1.3 billion during 2023-2029, progressing at a CAGR of 8.36% during the forecast period.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global vehicle diagnostic analytics market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the deployment model, solution, vehicle type, vehicle propulsion, application, end user, and region. The global market for vehicle diagnostic analytics can be segmented by deployment model: on-premises, on-demand. The on-premises segment is estimated to account for the largest share of the global vehicle diagnostic analytics market. Vehicle diagnostic analytics market is further segmented by solution: onboard diagnostics, remote diagnostics. The onboard diagnostics segment held the largest revenue share in 2022. Based on vehicle type, the vehicle diagnostic analytics market is segmented into: commercial vehicles, passenger cars. Globally, the commercial vehicles segment made up the largest share of the vehicle diagnostic analytics market. On the basis of vehicle propulsion, the vehicle diagnostic analytics market also can be divided into: ICE vehicles, electric vehicles. The ICE vehicles segment was the largest contributor to the global vehicle diagnostic analytics market in 2022. Vehicle diagnostic analytics market by application is categorized into: vehicle safety and security management, residual value estimation, warranty analytics, predictive maintenance. The predictive maintenance segment is estimated to account for the largest share of the global vehicle diagnostic analytics market. The vehicle diagnostic analytics market by end user can be segmented into: insurance companies, OEMs, automotive dealers and service providers, fleet owners. The fleet owners segment held the largest revenue share in 2022. Based on region, the vehicle diagnostic analytics market is further categorized into: Asia-Pacific, Europe, North America, China, Asia-Pacific (ex. China), RoW (Rest of World).

Market Segmentation
By deployment model: on-premises, on-demand
By solution: onboard diagnostics, remote diagnostics
By vehicle type: commercial vehicles, passenger cars
By vehicle propulsion: ICE vehicles, electric vehicles
By application: vehicle safety and security management, residual value estimation, warranty analytics, predictive maintenance
By end user: insurance companies, OEMs, automotive dealers and service providers, fleet owners
By region: Asia-Pacific, Europe, North America, China, Asia-Pacific (ex. China), RoW (Rest of World)

The report has also analysed the competitive landscape of the global vehicle diagnostic analytics market with some of the key players being Robert Bosch GmbH, Continental AG, Harman International Industries, Inc., SAP SE, DENSO Corporation, Teletrac Navman US Ltd., Tata Consultancy Services Limited, WEX Inc., OCTO Group S.p.A.,

among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.
*REQUEST FREE SAMPLE TO GET A COMPLETE LIST OF COMPANIES

Scope of the Report
To analyze and forecast the market size of the global vehicle diagnostic analytics market.
To classify and forecast the global vehicle diagnostic analytics market based on deployment model, solution, vehicle type, vehicle propulsion, application, end user, region.
To identify drivers and challenges for the global vehicle diagnostic analytics market.
To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global vehicle diagnostic analytics market.
To identify and analyze the profile of leading players operating in the global vehicle diagnostic analytics market.

Why Choose This Report
Gain a reliable outlook of the global vehicle diagnostic analytics market forecasts from 2023 to 2029 across scenarios.
Identify growth segments for investment.
Stay ahead of competitors through company profiles and market data.
The market estimate for ease of analysis across scenarios in Excel format.
Strategy consulting and research support for three months.
Print authentication provided for the single-user license.

Contents

Electric vehicles

PART 9. MARKET BREAKDOWN BY APPLICATION

Vehicle safety and security management
Residual value estimation
Warranty analytics
Predictive maintenance

PART 10. MARKET BREAKDOWN BY END USER

Insurance companies
OEMs
Automotive dealers and service providers
Fleet owners

PART 11. MARKET BREAKDOWN BY REGION

Asia-Pacific
Europe
North America
China
Asia-Pacific (ex. China)
RoW (Rest of World)

PART 12. KEY COMPANIES

Robert Bosch GmbH
Continental AG
Harman International Industries, Inc.
SAP SE
DENSO Corporation
Teletrac Navman US Ltd.
Tata Consultancy Services Limited
WEX Inc.
OCTO Group S.p.A.
DISCLAIMER

I would like to order

Product name: Global Vehicle Diagnostic Analytics Market 2023-2029

Product link: https://marketpublishers.com/r/GDA0BA3646BAEN.html

Price: US$ 3,350.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GDA0BA3646BAEN.html