

Timing Belt Market Size, Trends, Analysis, and Outlook by Type (Belt-in-Oil, Chains, Dry Belts), Vehicle (Passenger Vehicle, Commercial Vehicle, Hybrid Vehicle), Component (Tensioner, Idler Pulleys, Timing Shield/Cover, Sprocket), by Country, Segment, and Companies, 2024-2030

https://marketpublishers.com/r/T3F173D8C97BEN.html

Date: April 2024

Pages: 194

Price: US\$ 3,980.00 (Single User License)

ID: T3F173D8C97BEN

# **Abstracts**

The global Self-driving Vehicles market size is poised to register 15.33% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Self-driving Vehicles market by Sensor Technologies (Radar, Camera, Ultrasonic, LIDAR, GPS), Technology (Autonomous, Semi-autonomous), Level of Automation (Level 0, Level 1, Level 2, Level 3, Level 4 and 5), Fuel (Electric, Hydrogen, Gasoline, Diesel), Software (Vehicle Control, Navigation, Connectivity), Vehicle (Passenger cars, Commercial vehicle), End-User (Original Equipment Manufacturers, Ride Hailing Companies, Logistics Companies). The Self-driving Vehicles Market is poised for significant evolution until 2030, driven by pivotal trends and drivers. As technological advancements in artificial intelligence, sensor technology, and connectivity accelerate, there's a growing momentum toward autonomous driving solutions. Major automotive manufacturers and tech companies are investing heavily in research and development to bring self-driving vehicles to market, aiming to revolutionize transportation by improving safety, efficiency, and accessibility. In addition, increasing urbanization, traffic congestion, and environmental concerns are fueling the demand for autonomous vehicles as a solution to address these challenges. Further, the rise of mobility-as-a-service (MaaS) models and the shifting preferences toward shared mobility are driving the adoption of autonomous ride-hailing and robo-taxi services, transforming the way people commute and travel. Furthermore, regulatory initiatives and policy frameworks are being developed to govern the deployment and



operation of self-driving vehicles, ensuring safety standards and addressing liability and ethical considerations. To excel in this dynamic market, stakeholders must continue to innovate, collaborate across industries, and navigate regulatory landscapes to shape the future of the Self-driving Vehicles Market and realize its potential for safer, more efficient, and sustainable transportation systems by 2030..

Self-driving Vehicles 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 Self-driving Vehicles market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Self-driving Vehicles 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 Self-driving Vehicles industry.

Key market trends defining the global Self-driving Vehicles 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.

Self-driving Vehicles Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Self-driving Vehicles industry comprises a wide range of segments and subsegments. 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 Self-driving Vehicles companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Self-driving Vehicles industry Leading Self-driving Vehicles 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 Self-driving Vehicles companies.

Self-driving Vehicles Market Study- Strategic Analysis Review



The Self-driving Vehicles 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.

Self-driving Vehicles Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Self-driving Vehicles 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 scenarioslow case, reference case, and high case scenarios.

Self-driving Vehicles 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 Self-driving Vehicles 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 Self-driving Vehicles market segments. Similarly, Strong end-user demand is encouraging Canadian Self-driving Vehicles companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Self-driving Vehicles market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Self-driving Vehicles Market Size Outlook-Companies investing in assessing



consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Self-driving Vehicles 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 Self-driving Vehicles 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 Self-driving Vehicles 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 Self-driving Vehicles in Asia Pacific. In particular, China, India, and South East Asian Self-driving Vehicles 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 Self-driving Vehicles 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 Self-driving Vehicles 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 Self-driving Vehicles market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Self-driving Vehicles.

Self-driving Vehicles Market Company Profiles



The global Self-driving Vehicles 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 Audi AG, BMW AG, Ford Motor Company, General Motors Company, Google LLC, Nissan Motor Co. Ltd, Tesla Inc, Toyota Motor Corp, Uber Technologies Inc, Volkswagen AG.

Recent Self-driving Vehicles Market Developments

The global Self-driving Vehicles market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Self-driving Vehicles 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:

Sensor Technologies

Radar

Camera

Ultrasonic

**LIDAR** 

**GPS** 

Technology

Autonomous

Semi-autonomous

Level of Automation

Level 0



1 01/0	

Level 2

Level 3

Level 4 and 5

Fuel

Electric

Hydrogen

Gasoline

Diesel

Software

Vehicle Control

Navigation

Connectivity

Vehicle

Passenger cars

Commercial vehicle

**End-User** 

Original Equipment Manufacturers

Ride Hailing Companies

**Logistics Companies** 

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Audi AG

**BMW AG** 

Ford Motor Company

General Motors Company

Google LLC

Nissan Motor Co. Ltd

Tesla Inc

**Toyota Motor Corp** 

Uber Technologies Inc

Volkswagen AG.



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Type

Belt-in-Oil

Chains

**Dry Belts** 



Vehicle

Passenger Vehicle

Commercial Vehicle

Hybrid Vehicle

- -HEV
- -PHEV

Component

**Tensioner** 

Idler Pulleys

Timing Shield/Cover

Sprocket

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**ACDelco** 

**B&B** Manufacturing Company

Bando USA Inc

ContiTech AG

Federal-Mogul Motorparts LLC

**Gates Corp** 

J.K. Fenner (India) Ltd

MAHLE GmbH

Ningbo Fulong Synchronous Belt Co. Ltd

The Carlstar Group LLC

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