

Automotive Data Lineage Market Projected to Reach \$2.73 Billion with a 21.1% CAGR by 2030

The Business Research Company's Automotive Data Lineage Market Projected to Reach \$2.73 Billion with a 21.1% CAGR by 2030

LONDON, GREATER LONDON, UNITED KINGDOM, February 18, 2026 /EINPresswire.com/ -- "The automotive

data lineage market is rapidly advancing as the automotive industry increasingly relies on precise data tracking and management. With the rise of connected and autonomous vehicles, the demand for robust data lineage solutions has become essential. Let's explore the market's current status, key growth drivers, regional dynamics, and future prospects shaping this evolving sector.



Expected to grow to \$2.73 billion in 2030 at a compound annual growth rate (CAGR) of 21.1%"

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Strong Growth Predicted for the Automotive Data Lineage Market from 2025 to 2026

The automotive data lineage market has seen significant expansion in recent years. It is projected to grow from \$1.05 billion in 2025 to \$1.27 billion in 2026, reflecting an impressive compound annual growth rate (CAGR) of 20.8%. This past growth has been driven by factors such as the increasing amount of connected vehicle data, early

adoption of data governance frameworks, rising regulatory reporting demands, complexities in integrating supplier data, and the digitization of quality assurance processes.

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Future Market Expansion Estimated Through 2030 for Automotive Data Lineage

Looking ahead, the market is expected to experience even more rapid growth, reaching \$2.73 billion by 2030 with a CAGR of 21.1%. The forecast period's expansion is attributed to the



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proliferation of autonomous vehicle data, tightening automotive regulations, widespread adoption of cloud-native data platforms, heightened focus on cybersecurity risk management, and enhanced collaboration across data ecosystems. Key trends projected to influence this market include comprehensive vehicle data traceability solutions, automotive metadata management platforms, cross-system provenance mapping, regulatory compliance auditing tools, and real-time data quality monitoring systems.

Understanding Automotive Data Lineage and Its Importance

Automotive data lineage involves tracking and mapping the entire flow and transformation of data within automotive systems—from initial collection through analysis and decision-making. This process ensures the accuracy, traceability, and regulatory compliance of critical vehicle and operational data. It supports automakers, suppliers, and service providers by providing clear visibility into the origin and lifecycle of data, which aids in meeting regulatory requirements, maintaining quality control, and streamlining troubleshooting in connected and autonomous vehicle environments.

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How the Growth of Electric and Autonomous Vehicles Drives Market Demand

One of the key drivers of the automotive data lineage market is the rapid rise of electric and autonomous vehicles. These vehicles operate with electric powertrains and advanced technologies such as sensors, software, and artificial intelligence to enable self-driving or driver-assist features. The global push toward cleaner transportation and regulatory support has led to increased production and availability of electric vehicles. These vehicles generate vast amounts of sensor and operational data that require detailed traceability to maintain data integrity, ensure compliance, validate models, and support secure decision-making throughout their development and deployment phases. For instance, in April 2024, the International Energy Agency reported that global electric car sales reached nearly 14 million in 2023, up from around 10 million in 2022, marking a 35% year-over-year increase. This boosted the electric vehicle share of total car sales to 18% in 2023, compared to 14% the previous year. Such growth directly fuels demand for automotive data lineage solutions.

Regional Leaders and Emerging Markets in Automotive Data Lineage

In 2025, North America held the largest share of the automotive data lineage market, reflecting its strong technology infrastructure and automotive industry presence. Meanwhile, the Asia-Pacific region is anticipated to be the fastest-growing market during the forecast period, driven by rapid industrialization, increasing vehicle production, and rising adoption of advanced automotive technologies. The market report covers vital regions including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive view of global market dynamics.

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