Edge Analytics Market is Forecasted To Reach USD 103.8 Billion By 2035

Analysis of Edge Analytics Market Covering 30+ Countries Including Analysis of US, Canada, UK, Germany, France, Nordics, GCC countries

ROCKVILLE, MD, UNITED STATES, June 24, 2025 /EINPresswire.com/ -- The global edge analytics market, valued at USD 8.9 billion in 2024, is projected to experience explosive growth, reaching a valuation of USD 103.8 billion by 2035, according to a new report by Fact.MR. This remarkable expansion, driven by a compound annual growth rate (CAGR) of 24.4%, is fueled by the proliferation of Internet of Things (IoT) devices, increasing demand for real-time data processing, and the rise of smart city initiatives.

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Market Overview

Edge analytics refers to the real-time processing and analysis of data at the network's edge, close to the data source, such as sensors, devices, or gateways, rather than relying on centralized cloud servers. This approach minimizes latency, optimizes bandwidth usage, and enhances operational responsiveness, making it critical for applications in manufacturing, healthcare, transportation, and smart cities. The market's growth is driven by the need for instant insights in data-intensive environments and the rapid adoption of advanced technologies like artificial intelligence (AI) and machine learning (ML) at the edge.

The Fact.MR report highlights that the market grew at a CAGR of 24.3% from 2023 to 2024, reaching USD 8.9 billion in 2024. Over the forecast period from 2025 to 2035, the market is expected to create an absolute dollar opportunity of USD 94.9 billion, underscoring its pivotal role in the digital transformation era.

Key Drivers of Market Growth

Proliferation of IoT Devices

The exponential growth of IoT devices, including sensors, wearables, and smart appliances, is generating massive data volumes that require real-time processing. Edge analytics enables businesses to process this data locally, reducing latency and improving efficiency. The Fact.MR report notes that the rise in connected devices is a key driver, particularly in industries like IT & telecom and manufacturing.

Demand for Real-Time Data Processing

Industries such as healthcare, manufacturing, and transportation require immediate insights for critical decision-making. Edge analytics supports applications like predictive maintenance, remote patient monitoring, and real-time equipment performance tracking. For example, in healthcare, edge analytics facilitates tailored medication and remote monitoring, enhancing patient outcomes.

Smart City Initiatives

Government investments in smart city projects are driving demand for edge analytics in urban planning, traffic management, and public safety. By processing data at the edge, cities can optimize traffic flow, enhance security, and improve resource allocation, creating significant growth opportunities for the market.

Regional Growth in North America

North America, particularly the United States, is a leading market, garnering USD 2.2 billion in 2022 and expected to grow significantly through 2035. The region's high concentration of telecommunication and manufacturing industries, coupled with the adoption of edge analytics by small and medium-sized enterprises (SMEs), is driving market expansion.

Market Segmentation and Regional Insights

The Fact.MR report segments the edge analytics market by component, type, end-use industry, and region:

By Component: Solutions and services, with solutions dominating due to the need for advanced analytics software. Services, including professional and managed services, are also growing as

businesses seek support for implementation and maintenance.

By Type: Predictive analytics holds a significant share due to its role in forecasting trends and preventing equipment failures. Diagnostic, prescriptive, and descriptive analytics are also key segments, catering to diverse industry needs.

By End-Use Industry: IT & telecom, manufacturing, transportation & logistics, BFSI (banking, financial services, and insurance), retail, energy & utilities, and others. Manufacturing leads due to its reliance on predictive maintenance and real-time monitoring.

By Region:

North America: Expected to grow at a high CAGR, driven by the U.S.'s adoption of edge analytics in SMEs and large enterprises.

Asia Pacific: Projected to see significant growth, with Japan and South Korea leading due to rapid advancements in networking technology and high-performance computing.

Europe: Germany is a key market, driven by the growing number of connected devices and demand for real-time analytics.

Latin America, Middle East & Africa, and South Asia & Pacific: Emerging markets with increasing adoption of edge analytics in smart infrastructure and industrial applications.

Competitive Landscape

The edge analytics market is highly competitive, with key players including ANALYTIC EDGE, Cisco Systems, Inc., Dell Technologies, Inc., Equinix, Inc., Hewlett Packard Enterprise Development LP, IBM Corporation, Intel Corporation, Microsoft Corporation, Oracle Corporation, SAP SE, and SAS Institute Inc. These companies are driving growth through:

Product Innovation: Developing AI and ML-powered edge analytics solutions, such as SliceUp's anomaly detection system, which integrates edge and cloud ecosystems.

Strategic Collaborations: Partnering with industry players to enhance interoperability and scalability, as seen with Cisco and Microsoft's efforts to integrate edge analytics with IoT platforms.

Expansion Activities: Increasing investments in edge infrastructure to support growing demand in smart cities and industrial automation.

Data Security and Compliance: Prioritizing robust data governance and privacy measures to address regulatory requirements and cybersecurity concerns.

Future Outlook

The edge analytics market is expected to evolve across three key phases:

Short Term (2025–2028): The proliferation of IoT devices and smart city initiatives will drive rapid adoption. Companies will focus on scalable edge infrastructure and AI/ML integration to enhance analytics capabilities.

Medium Term (2028–2032): Advancements in edge computing technologies and increased interoperability will lower costs and expand applications in healthcare, retail, and transportation.

Long Term (2032–2035): Edge analytics will become a cornerstone of data-driven decision-making, with widespread adoption in smart cities, autonomous vehicles, and industrial automation, supported by robust infrastructure and regulatory compliance.

The report highlights that challenges such as data security concerns, interoperability issues, and the need for skilled professionals will persist but are expected to be mitigated through technological advancements and strategic investments. As industries embrace digitalization, edge analytics will play a pivotal role in enabling real-time insights and sustainable growth.

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