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Artificial Intelligence In Diabetes Management Market Outlook 2025-2034: Market Share, and Growth Analysis By Device (Diagnostic Devices, Glucose Monitoring Devices, Insulin Delivery Devices, Other Devices), By Techniques (Case-Based Reasoning, Intelligent Data Analysis), By End-Use

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Abstracts

The Artificial Intelligence In Diabetes Management Market is valued at USD 627.4 million in 2025 and is projected to grow at a CAGR of 28.4% to reach USD 5968.3 million by 2034.The Artificial Intelligence in Diabetes Management market focuses on using AI to improve the monitoring, treatment, and management of diabetes. AI algorithms analyze patient data, such as blood glucose levels, insulin dosages, and lifestyle factors, to provide personalized insights and recommendations. This helps individuals with diabetes better manage their condition and reduce the risk of complications.

AI-powered diabetes management systems can predict blood glucose levels, automate insulin delivery, and provide personalized coaching. Machine learning algorithms can learn from individual patient data and adapt to changing conditions, providing more accurate and timely interventions. AI also enables the development of remote monitoring and telehealth solutions, improving access to care.

The market is driven by the increasing prevalence of diabetes and the need for more effective management strategies. AI offers the potential to improve patient outcomes, reduce healthcare costs, and enhance the quality of life for individuals with diabetes. The development of advanced AI algorithms and the availability of wearable sensors are further fueling market growth.

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Key Insights Artificial Intelligence In Diabetes Management Market

AI-powered continuous glucose monitoring (CGM) systems.

Automated insulin delivery (AID) systems.

Personalized diabetes coaching and education.

AI-driven risk assessment and prediction of complications.

Integration of AI with telehealth and remote monitoring solutions.

Increasing prevalence of diabetes.

Need for improved diabetes management.

Demand for personalized treatment plans.

Advancements in AI and wearable sensor technologies.

Potential for reducing healthcare costs.

Ensuring accuracy and reliability of AI algorithms.

Data privacy and security concerns.

Integration of AI tools with existing diabetes management workflows.

Regulatory approvals and clinical validation.

Lack of standardized datasets.

Artificial Intelligence In Diabetes Management Market Segmentation

By Device

Diagnostic Devices

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- Glucose Monitoring Devices
- Insulin Delivery Devices
- Other Devices

By Techniques

- Case-Based Reasoning
- Intelligent Data Analysis

By End-Use

- Hospitals
- Clinics
- Home Care Settings
- Research Institutes

Key Companies Analysed

- Alphabet Inc.
- F. Hoffmann-La Roche AG
- Abbott Laboratories
- Medtronic Plc
- Dexcom Inc.
- Insulet Corporation

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Tandem Diabetes Care Inc.

LifePlus Inc.

Livongo Health Inc.

Xeris Pharmaceuticals Inc.

Virta Health Corp.

Informed Data Systems Inc.

Bigfoot Biomedical Inc.

Lark Technologies Inc.

Smart Meter LLC

Diabeloop SA

Quin Technology Ltd.

Wellthy Therapeutics Pvt Ltd.

Admetsys LLC

DreaMed Diabetes Ltd.

Eyenuk Inc.

Glooko Inc.

PKvitality

Glytec LLC

Hygieia Inc.

TypeZero Technologies Inc.

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Nemaura Medical Inc.

GlucoMe

PredictBGL

Voluntis S.A.

Artificial Intelligence In Diabetes Management Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Artificial Intelligence In Diabetes Management Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Artificial Intelligence In Diabetes Management market data and outlook to 2034

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United States

Canada

Mexico

Europe — Artificial Intelligence In Diabetes Management market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Artificial Intelligence In Diabetes Management market data and outlook to 2034

China

Japan

India

South Korea

Australia

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Indonesia

Malaysia

Vietnam

Middle East and Africa — Artificial Intelligence In Diabetes Management market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Artificial Intelligence In Diabetes Management market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Artificial Intelligence In Diabetes Management value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and

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scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

- What is the current and forecast market size of the Artificial Intelligence In Diabetes Management industry at global, regional, and country levels?
- Which types, applications, and technologies present the highest growth potential?
- How are supply chains adapting to geopolitical and economic shocks?
- What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?
- Who are the leading players, and how are their strategies evolving in the face of global uncertainty?
- Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?
- Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Artificial Intelligence In Diabetes Management Market Report

- Global Artificial Intelligence In Diabetes Management market size and growth projections (CAGR), 2024-2034
- Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Artificial Intelligence In Diabetes Management trade, costs, and supply chains
- Artificial Intelligence In Diabetes Management market size, share, and outlook across 5 regions and 27 countries, 2023-2034
- Artificial Intelligence In Diabetes Management market size, CAGR, and market

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share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Artificial Intelligence In Diabetes Management market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Artificial Intelligence In Diabetes Management supply chain analysis

Artificial Intelligence In Diabetes Management trade analysis, Artificial Intelligence In Diabetes Management market price analysis, and Artificial Intelligence In Diabetes Management supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Artificial Intelligence In Diabetes Management market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

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Contents

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7. EUROPE ARTIFICIAL INTELLIGENCE IN DIABETES MANAGEMENT MARKET DATA, PENETRATION, AND BUSINESS PROSPECTS TO 2034

8. NORTH AMERICA ARTIFICIAL INTELLIGENCE IN DIABETES MANAGEMENT MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034

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