Mediviya Data & Insights

Data-driven decision platform for healthcare

Healthcare systems generate vast amounts of data every day from clinical, administrative, and financial sources. However, this data is often fragmented across different applications and therefore only partially usable. Mediviya Data & Insights addresses this challenge by providing an integrated platform for the consolidated analysis of all healthcare data. The goal is to transform existing information into actionable insights, thereby creating a solid foundation for informed decision-making in healthcare organizations. The solution is particularly designed for hospitals, rehabilitation facilities, and healthcare organizations seeking to make their processes more efficient, transparent, and economically sustainable.

Quick Facts

- Solution area: **Organisations, Technological innovation**
- Administrative level: **State, Federation**
- Solution process: **Digitization and technology, Health and care**
- Technology: **Artificial Intelligence, Information technology, Platform technology**

How it works

Mediviya Data & Insights combines data integration, standardization, and analytics within a single end-to-end platform. Data from multiple source systems such as hospital information systems, electronic medical records (EMR/EHR), ERP systems, and other clinical applications is aggregated and harmonized. International standards such as FHIR ensure interoperability and enable a unified data foundation across system boundaries. The consolidated data is transformed into standardized key performance indicators (KPIs) and visualized through role-based dashboards. This provides different user groups – from hospital management and controlling to clinical departments – with targeted insights into relevant developments and performance indicators within their organization. An integrated analytics approach identifies patterns, deviations, and optimization potential at an early stage and supports decision-making through data-driven recommendations. These insights can be directly translated into operational processes, for example via integration with workflow or ticketing systems. This creates a closed loop of data collection, analysis, and execution, enabling continuous improvement.

The Big Picture

Managing modern healthcare systems increasingly requires data-driven decision-making to ensure quality, efficiency, and economic sustainability. Mediviya Data & Insights supports this transformation by breaking down data silos and enabling a unified, consolidated view of organizations. Improved data availability enables faster and more informed decision-making. At the same time, transparency regarding performance, resource consumption, and financial developments increases. This allows targeted process optimization as well as more efficient use of personnel and financial resources. In addition, the platform contributes to standardization and improved connectivity within the healthcare ecosystem. It supports organizations in meeting regulatory requirements while also advancing innovative care models. Overall, Mediviya Data & Insights establishes the foundation for a modern, data-driven healthcare system in which decisions are based not on assumptions, but on validated insights. This ultimately strengthens care quality, improves organizational control capabilities, and enhances long-term sustainability in healthcare.

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