Healthcare Analytics Solution

Healthcare Data Analytics on Microsoft Fabric

Addressing Healthcare Challenges with Unified Data Solutions

In today's dynamic healthcare landscape, organizations face significant challenges in managing siloed data across various domains such as patient care, operational workflows, and financial systems. These fragmented systems hinder the ability to derive actionable insights, leading to inefficiencies and suboptimal outcomes for patients and providers alike. A unified approach to data management is crucial for transforming these challenges into opportunities for better decision-making and enhanced patient care.

NeoStats' Solution: Healthcare Data Analytics on Microsoft Fabric

NeoStats' Healthcare Data Analytics Solution offers a comprehensive framework powered by Microsoft Fabric to centralize and optimize healthcare data management. This solution integrates reusable data models, automated data pipelines, and advanced reporting capabilities to empower healthcare organizations with a unified analytics platform. By leveraging Microsoft's Medallion Architecture and Power BI, organizations can access high-quality, actionable insights to drive operational excellence and improved care outcomes.

Key Features

1. Scalable Reusable Data Model

- Pre-configured for healthcare use cases.
- Adaptable to meet the evolving needs of healthcare organizations.

2. Microsoft Fabric Data Pipeline

- Automates data ingestion, cleansing, and transformation.
- Structures data into Bronze, Silver, and Gold layers for seamless processing and analysis.

3. Interactive Reporting with Power BI

- Real-time dashboards to monitor:
    - Patient care metrics.
    - Practitioner and operational performance.
    - Appointment scheduling and medication management.

4. Compliance with FHIR Standards

- Ensures secure, interoperable, and compliant data exchange across healthcare systems.

5. Operational and Financial Insights

- Tracks resource utilization and financial performance.
- Provides actionable insights to improve profitability and operational efficiency.

NEOSTATS
Healthcare MI
Let's Win With Data
Navigation:
Patient Information
Practitioner Information
Treatment Outcomes
Diagnostic Report
Encounters & Appointments
Medication Management