



ANALYTIC
VIZION

Modernizing Healthcare Operations with Actionable Analytics

Facing inefficiencies from manual tracking and limited visibility into operations, a regional healthcare organization partnered with Analytic Vizion to automate key workflows and unlock data-driven decision-making.

“Eliminating the manual work of tracking new patients and understanding provider productivity was key. This project provided us with the analytic insight to not only see growth opportunities but also to give our staff the tools to act on them immediately by filling empty schedules.

OPERATIONS & ANALYTICS LEADER
Enterprise Healthcare Organization

THE CHALLENGE

Leadership needed a clear view of physician productivity, clinic performance, and patient growth trends. However, the process for tracking new patients was manual and inconsistent, with no structured method to identify and fill open appointment slots.

These gaps limited strategic decision-making, reduced efficiency, and made it difficult to meet board reporting needs—especially for printer-ready summaries of key metrics by clinic, specialty, and payer.

TOOLS & TECHNOLOGY

Analytic Vizion implemented a suite of Power BI dashboards powered by Athena data to automate manual processes and centralize reporting. The team engineered new datasets—including one dedicated to upcoming scheduled visits—and enhanced existing data models to enable deeper analysis across clinics and providers.

A detailed data guide defined critical business logic, such as what constitutes a “new patient” or how to calculate “available appointment slots,” ensuring clarity and long-term maintainability. Each dashboard was built to auto-refresh nightly following data updates from the source system, providing near real-time visibility while reducing the burden of manual maintenance.



Power BI

OUR APPROACH

Analytic Vizion led a holistic effort spanning people, process, and technology to build trust in the data and deliver actionable visibility.

- **Stakeholder Collaboration:** Worked directly with operations and analytics leaders to define priorities, clarify logic, and align on business rules.
- **Process Design:** Documented key metrics and created a repeatable structure for future dashboard development.
- **Data Engineering & Visualization:** Built reliable, scalable datasets and intuitive Power BI dashboards covering productivity, availability, new patients, billing, and case management.
- **Sustainability Enablement:** Provided documentation and training to empower long-term ownership by the internal team.

THE RESULTS

Through this partnership, leadership gained clear, normalized insights into physician productivity and clinic performance, enabling confident, data-driven decisions about resource allocation and marketing strategy. Staff were empowered to proactively fill open appointment slots by identifying active patients without future visits scheduled, directly increasing clinic efficiency and utilization.

Manual tracking was fully automated, saving time and reducing errors while giving executives access to accurate, refreshed data each morning. The new printer-friendly board dashboards provided an at-a-glance view of key metrics such as average daily visits by clinic and specialty, while the underlying data model created a foundation for ongoing scalability and alignment across operations.

Ultimately, this engagement transformed a fragmented, manual process into an integrated analytics environment that continues to drive efficiency, clarity, and growth.

