

# Empowering Data-Driven Decisions with Power BI at an Academic Hospital

## At a glance


An academic hospital using Epic struggled with inefficiencies in accessing key data, relying on third-party vendors for benchmarking insights and report compilation. Data had to be extracted and sent externally, and analysts manually recompiled reports into an executive suite.

## Key metrics

-  **75% Time Savings:** Analysts spent significantly less time on data extraction and report compilation.
-  **Real-Time Data Access:** Executives gained instant access to critical metrics.
-  **Decreased Vendor Costs:** Reduced reliance on external platforms for analytics.






Stop Bottlenecks. Build BI that Scales.

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## CHALLENGES





-  **Dependency on External Vendors:** Increased costs and limited control over the data lifecycle.
-  **Manual, Inefficient Processes:** Analysts spent hours compiling and reconciling reports.
-  **Executive Frustration:** Delayed and inconsistent data availability hindered decision-making.

## SOLUTIONS

We modernized their data analytics approach by implementing Power BI:

-  **Direct Access to Data:** Integrated Power BI with the hospital's Epic data warehouse, removing the need for third-party extraction.
-  **Custom Dashboards for Executives:** Designed intuitive dashboards for quality metrics, patient flow, and operations.
-  **Analyst Empowerment:** Trained analysts in Power BI to create and maintain dashboards in-house.
-  **Real-Time Insights:** Provided executives with instant access to real-time dashboards.

## OUTCOMES

-  **Reduced Turnaround Time**  
Insights available in real-time, compared to multi-day delays previously.
-  **Cost Savings**  
Minimized reliance on third-party vendors for data processing and reporting.
-  **Analyst Productivity**  
Freed analysts from repetitive tasks, allowing them to focus on higher-value strategic analysis.
-  **Executive Satisfaction**  
Improved timeliness and accessibility of data for decision-making.