



Enhancing Healthcare Reporting & Dashboards with Power BI



Client Overview

○ **Company Name:** Tabdelta Solutions (Implementation Partner)

○ **Client Location:** Boston, Massachusetts, USA

○ **Industry:** Healthcare & Hospital Management

○ **Client Team Size:** 27 Employees

○ **Project Team Size (Tabdelta):** 3 Consultants
(BI Developers, Data Analysts, Healthcare Domain Experts)



Pain Points:

Challenges in Healthcare Reporting

The healthcare provider struggled with manual & fragmented reporting processes:

1

Patient records and data were spread across multiple systems (EHR, billing, Excel sheets).

Lack of a unified dashboard for patient care, admissions, and financial performance.

2

3

Delayed reporting meant executives could not make real time decisions.

Compliance reporting for HIPAA and other regulations was tedious and error prone.

4

5

Doctors and administrators had no role-based insights, making it harder to track KPIs like patient wait times, bed utilization, and billing cycles.

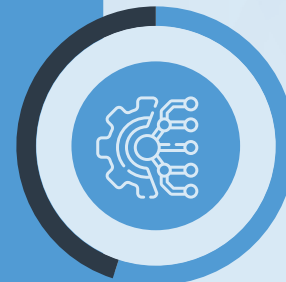
Solution:

Power BI Implementation by Tabdelta

Tabdelta Solutions designed and deployed a customized Power BI reporting and dashboard system:

Data Integration & Modelling

Connected Power BI with Electronic Health Records (EHR), billing systems, and Excel.



Built a centralized healthcare data model for consistency across metrics.

Interactive Dashboards

Designed role specific dashboards for doctors, administrators, and finance teams.



Provided drill downs into patient visits, hospital performance, and revenue cycle management.

Real-Time Reporting

Automated data refresh cycles for real time patient and financial insights.



Embedded dashboards within Microsoft Teams for collaborative decision making.

Compliance & Security

Ensured compliance with HIPAA standards through secure data handling.



Implemented access controls and encryption for sensitive patient data.



Self-Service BI Enablement

Enabled healthcare staff to generate ad-hoc reports with minimal training.



Conducted Power BI workshops for doctors and administrators.



Results & Impact

Within 3 months of the Power BI deployment:

- 1** 70% reduction in manual reporting time.
- 2** Realtime patient care insights improved hospital resource utilization.
- 3** Single source of truth for KPIs like patient admissions, discharge rates, and financial health.
- 4** Faster compliance reporting reduced audit preparation time by 50%.
- 5** Executives and medical staff now make data driven decisions instantly.



Future Roadmap

POINT 1

Expand Power BI to include predictive analytics for patient readmission risk.

POINT 2

Deploy Power BI Mobile Dashboards for doctors on the go.

POINT 3

Integrate with AI-driven healthcare analytics for advanced forecasting.



Key Takeaway

Power BI dashboards help healthcare organizations move from data silos to data insights. With Tabdelta Solutions' expertise, this healthcare client transformed reporting, improved patient care visibility, and strengthened compliance.



Ready to Unlock Healthcare Data Insights?

If your hospital or healthcare organization struggles with manual reporting, compliance challenges, or fragmented patient data, Tabdelta Solutions' Power BI consulting services can help.

Healthcare Reporting
Dashboards



EHR Data Integration

HIPAA Compliant
BI Solutions



Custom Visualizations
for Patient Care

Contact Tabdelta Solutions Today

To Modernize Your Healthcare Reporting With Power BI.

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