PHILIPS

Consulting

Solution Analytics Consulting

Data-based analytical solutions for performance improvement and enterprise management

Philips Solution Analytics Consulting leverages a variety of client and external data sources, research expertise, benchmarking, best practices, analytics, and customized modelling tools to provide data-driven evidence and drive insights for meaningful performance results.

Our team helps identify gaps in workflow and processes and quantify improvement opportunities, and supports data-driven decision making for sustainable results. Custom dashboards provide ongoing visibility to performance metrics.

Key benefits
- Significant amounts of data – client data, system utilization, and third-party sources – is collected and analyzed to support solution design
- Data- and insights-based recommendations support sustainable performance improvement initiatives
- Custom simulation modelling tools with risk profiling and predictive algorithms identify the impact and cost of solution options
- Online dashboards provide at-a-glance visibility into performance and identify areas of concern

Typical client needs
Hospitals and healthcare systems are looking for analytics consulting to deliver in-depth research, analysis, and data-based recommendations to improve their operational performance.

Additional resources are often needed to collect the data necessary to support data-based decisions and test and create customized solutions. Establishing best data management and analytics practices and implementing performance dashboards to provide high-level visibility of performance metrics across an organization is also a challenge. Our consultants can help with these activities to focus change initiatives and support sustainable performance improvement.

An innovative approach
Assessment: Collect and analyze vast amounts of data and data resources to create retrospective and current-state analysis, review benchmark figures, and identify root causes and potential opportunities for performance improvement.

Development: Data analysts, platform developers, and subject matter experts embed data into the new processes working side by side with client counterparts to build a culture of data literacy. Customized dashboards and other solutions are developed to support long-term results.

Implementation: Change management program implementation is supported and staff is trained on the new tools and methodologies. A train-the-trainer system is recommended when possible.

Monitoring: Client teams are guided with new processes and methodologies to self-monitor the performance metrics and results for sustainable monitoring. Ongoing support is available if needed.

Proven results
Our analytics consultants help support performance improvement programs with the following tools:

- ED Dashboards help monitor patient walk-out rates and other ED performance metrics by the hour, day, physician, and more
- Customized Patient Experience Dashboards provide data trends on patient demographics, provider performance, and patient patterns
- Finance Dashboards highlight metrics which impact financial performance including labor and supply management
- Simulation tools deliver data-based insights (arrivals, patient flow, etc.) with 5-year projection models to support effective floorplan designs

A custom simulation tool helped improve CT workflow at Lowell General Hospital.

Learn more
Through collaborative and patient-focused consulting engagements, Philips Healthcare Transformation Services can help unlock insights and opportunities to improve care efficiency. We can help you achieve meaningful and sustainable improvements in clinical excellence, operational efficiency, care delivery, and financial performance.

For more information, please visit **www.philips.com/healthcareconsulting**.

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