SIFT

Modern Solutions For Modern Problems

- To close the gap with insights
- To manage the workforce better
- To improve the patient journey

Healthcare Analytics

Reporting, Analytics & Dashboard

SIFT

Headquartered in Singapore since 1999, with over 500 corporate clients in the region, SIFT Analytics is your trusted partner in delivering reliable enterprise solutions, paired with best-of-breed technology throughout your business analytics journey. Together with our experienced teams, we will journey with you to integrate and govern your data, to predict future outcomes and optimise decisions, and to achieve the next generation of efficiency and innovation.

Data has the answers

Organizations have realized the need for evolving and challenge new ways to optimize more holistically, and to ensure they stay ahead of change and stand out.

As such, companies that are already practicing data analytics have discovered new ways to improve and build on existing advantages, thereby strengthening their business capabilities.

For companies who aren't yet investing in analytics solutions, the opportunity cost of waiting will only grow.

Continue reading as you will witness how analytics has been benefitting transformed healthcare industry that is proven very effective to the business.

SIFT SME500 SINGAPORE AWARD WINNER - 2022 - Singapore SME 500 Award 2022 Winner Top 500

Transforming Healthcare Data

Healthcare Analytics allows healthcare professionals to find opportunities to improve operations, patient engagement, clinical outcomes, and more.

Over the past decades, SIFT has worked closely with both public and private healthcare organizations. Study SIFT use cases and find the right solutions for your organization's needs.

You will be guided on:

Healthier Future in Healthcare

The pressures to perform never seem to let up in the field of healthcare delivery. Whether it's **growing complexity, relentless cost pressures, or government requirements** to make reforms work, you have your work cut out for you.

You can tackle these challenges head-on - by helping you to gain the insight you need to put your best foot forward and implement best practices that will help ensure success. With analytics, you are able to:

▲ Improve overall organizational performance – with executive-level insight into metrics that focus on care delivery, operational specifics, and financial performance

▲ Collaborate more effectively – with powerful data sharing capabilities that allow you to share insights with colleagues using any device and coordinate activities throughout the healthcare enterprise

▲ Make better strategic decisions for steering the organization in right direction – with unimpeded access to information and the ability to freely associate with the data in a way that empowers you to make new discoveries

▲ Comply with regulations and report to stakeholders – with vastly improved information transparency and the flexibility to zero in on whatever data may be relevant for existing and emerging reporting requirements

Discover why more than healthcare providers spanning hospitals, nursing and residential care facilities, and ambulatory services worldwide have turned to analytics to overcome business intelligence challenges and improve performance.

Patient Satisfaction Analysis

In today's rapidly evolving performance-driven healthcare environment, patient satisfaction is emerging as one of the most critical healthcare quality measures. That's why it's critical to integrate patient and consumer feedback with the rest of your clinical, financial, and resource management systems. By doing so, doctors, nurses, clinical technicians, and hospital administrators can work more collaboratively to improve patient outcomes and satisfaction.

Improved visibility and collaboration for improved patient outcomes.

- ▲ Use a patient census dashboard to track patient loads in real-time and detect overburdened departments that can impact both patient and employee satisfaction

- ▲ Analyze historical patient census data to proactively allocate hospital resources to better manage daily surgical volumes and physician loads patient satisfaction dashboard

- ▲ Gain a clear understanding of costs, service levels, and performance of competing vendors to negotiate the best value for supplies and services

Fall Risk Analysis

As these often result in morbidity, mortality, prolonged length of stay, and potential medicolegal problems, hospital fall prevention is one of the most pressing issues for healthcare providers today.

With the support of analytics, Healthcare providers are able to monitor and analyze causes and trends of in-patient falls.

One of the most common reported adverse events in acute care facilities are in-patient falls.

▲ Determine characteristics of high fall rate subjects

▲ Profiling of injury levels according to patient load

▲ A predictive element can also be analyzed allowing users to perform predictive analytics for forecasting and profiling of fall trends, including time of day falls occur the most often, and the activity patients were engaged in immediately preceding falls

Readmission Analysis

Analysis of your readmission with a dashboard reporting trended data for medical causes for 7-day, 30-day, and 60-day timeframes. At one glance, care managers are not only able to identify at-risk patients but the readmission rate trends over some time. They are also able to tell the average length of stay in the hospital.

The Readmissions Committee effectively focused on the trends and added additional review and mediation. This allows them to identify opportunities for improvement and the ultimate goal is to steadily decline in the overall number of readmissions.
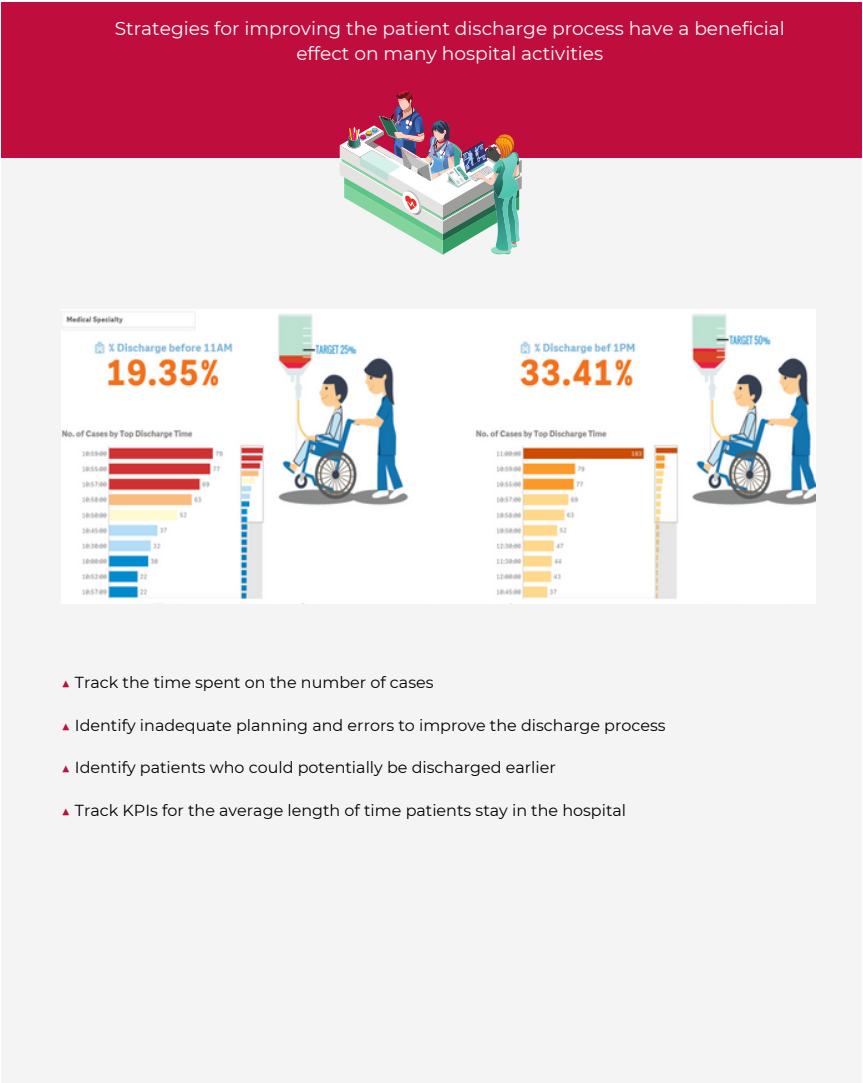
Healthcare can reduce readmissions rates by using data analytics to deliver preventive care and have a beneficial effect on patients and wards.
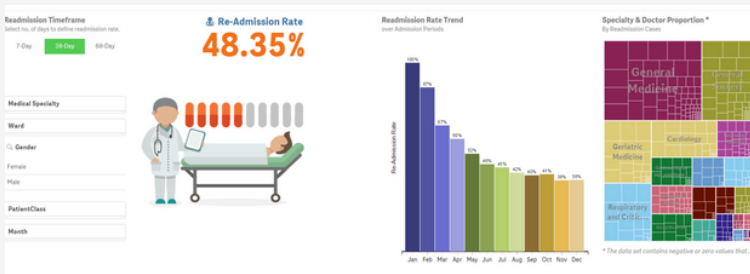
▲ Predicts the risk of patient readmission to the hospital

▲ Identify and track key patient safety and care quality metrics

▲ Synchronize resource scheduling with patient flow models to improve patient care and reduce wait times

▲ Improve patient safety from immediate access to consolidated diagnostic information, reducing opportunities for medical errors

▲ Ensure trusted and timely regulatory compliance by delivering on key operational, patient safety, and quality of care metrics

▲ Track KPIs for the transition care process and identify readmission issues to make continuous improvements.

▲ Identify and reconcile patient requirements regarding medication, emergency plans, patient goals, and much more.

Discharge Time Analysis

The time taken for a patient to go through from registration to discharge is an important indicator of the quality of care. The discharge process is often the last stage of the patient's journey in healthcare. It is more likely to be remembered by the patient of how fast the process was and meeting their satisfaction.

Strategies for improving the patient discharge process have a beneficial effect on many hospital activities

- ▲ Track the time spent on the number of cases

- ▲ Identify inadequate planning and errors to improve the discharge process

- ▲ Identify patients who could potentially be discharged earlier

- ▲ Track KPIs for the average length of time patients stay in the hospital

Accountable Care Analysis

Performance measurements and requirements grow increasingly sophisticated. This puts the onus on healthcare organizations to find new ways to continuously improve performance and patient outcomes, work more effectively with partnering organizations in the Accountable Care Organization (ACO) network and respond flexibly to a slew of new CMS reporting requirements.

Leveraging information to lower costs and improve patient care.

▲ View and analyze financial information to better manage new payment arrangements based on an MSSP model that modulates the risk and reward equation for participating ACOs tv

▲ Monitor quality measures to ensure ACO success, drill down to find areas of improvement, and even perform predictive analytics to improve quality moving forward

▲ Monitor and report on preventive care programs – such as immunizations and disease screening – that help improve the health of patient populations and drive down overall costs

▲ Share data with network partners, insurance companies, and, regulators to better coordinate care delivery as part of the ACO mode

Finance Analysis

Too many healthcare facilities either lose money or just break even. Financial reporting is manually intensive, which increases regulatory compliance costs and limits visibility into the true underlying causes of financial performance. With analytics, healthcare finance departments can automate planning, budgeting, and forecasting tasks.

Provide hospital the financial insights and automate task

Executive Dashboard
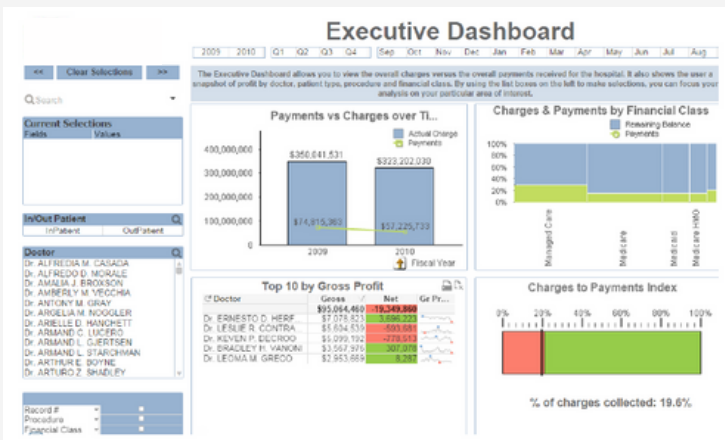
- ▲ Automate planning, budgeting, and forecasting tasks

- ▲ Profile costs and revenue by facility, practice, physician, procedure, etc.

- ▲ Track actual spending versus budget by department

- ▲ Improve Revenue Cycle Management

- ▲ Reduce time and cost of financial compliance reporting (IFRS, SOX, etc.)

- ▲ Monitor cost controls and impact on bottom-line performance

Supply Chain Management Analysis

Medical supplies, pharmaceuticals, and third-party support services consume 30 to 40% of a hospital's budget. Supply chains are segregated with insufficient links to hospital systems. The resulting inefficiencies impact financial performance, hinder the availability of patient services, and limit the full use of revenue-generating facilities.

Build a resilient healthcare supply chain that improves patient engagement and controls costs.

▲ Monitor stock usage and inventory across the enterprise in real-time

▲ Align stocking levels with usage demands

▲ Improve volume pricing through hospital or systemwide purchases

▲ Gain a clear understanding of costs, service levels, and performance of competing vendors to negotiate the best value for supplies and services

Revenue Cycle Management Analysis

High costs and fears of lower reimbursements from emerging P4P, DRG, and CDHP insurance models increase the urgency to accelerate revenue cycles and reduce the underlying cost of collections.

Providing insights to healthcare CFOs, financial analysts and accounting professionals.
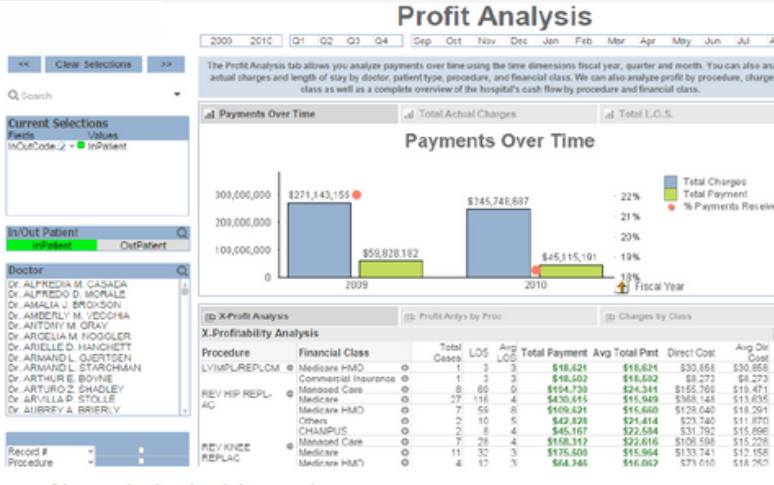
- ▲ Gain visibility across functions affecting cash flow, net cash, bad debt, and cost-to-collect

- ▲ Improve processes for patient admissions, claims administration, denial management, fraud detection, and insurer contract management

- ▲ Increase cost capture during care delivery

- ▲ Reduce burdens of P4P and DRG tracking, reporting, and cost accounting

More solutions on Healthcare

Clinical Automation -   The value of clinical automation systems to deliver real operational and cost benefits depends on the ability to integrate their information-rich data stores with established clinical and operational processes. Financial implications, tighter regulatory environments, and accountability demands by oversight groups drive the need to improve the quality of patient care and increase operational transparency.

Population Management - One way to reduce readmission rates and ensure better patient outcomes is to minimize errors that commonly occur in the care transition process. Standing in the way of better care transition is a lack of information, insight, and collaboration. To realize improvement in this area, providers need access to critical patient data regarding demographics, socioeconomic status, disease states, medications, care plans, and much more. All this data needs to be shared seamlessly among the providers of medical, social, and support services involved in each transition.

Accredited Hospital Performance - To improve care and reduce costs, many hospitals and healthcare organizations are turning to evidence-based medicine (EBM). The objective is to marshal all the possible information available to support decision-making in a way that minimizes harm and maximizes benefits in the diagnosis, investigation, and management of individual patients. This can help organizations dramatically improve hospital quality and performance. But to follow through on this objective, organizations need to empower healthcare professionals to search for and access relevant data in real time – without depending on IT. Users should be able to rapidly integrate and analyze business intelligence data from clinical, financial, and resource management systems to support the decision-making process anywhere, anytime.

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