



SAS Institute digitalizes the healthcare sector with advanced analytics

Become an intelligent and competent healthcare sector based on data and analytics

SAS transforms your data into insights that give you a fresh perspective on your business. You can identify what is working, fix what is not working and discover new opportunities.

An analytical approach based on relevant data can help solve challenges and support and document complicated management decisions in the healthcare sector. Leveraging vast amounts of accessible data is a proven way to enhanced welfare. Data has become the lifeblood of our world, pumping through the heart of everything. But far too much data is still being left on the table, expiring unused. That is wasted potential.

SAS is an expert in releasing the potential in data that can lead to:

- Focused efforts
- Far fewer errors and lower re-admission rates
- Less waste of resources
- Faster and time-sensitive decisions
- Efficient solutions and better outcomes


THE POWER TO KNOW[®]



Value-based healthcare

Value-based management is a strategy for developing healthcare systems to lower costs while improving care as well as the patient experience. The value is based on health outcomes related to measuring performance results against cost-effectiveness.

The goal is to ensure that staff across different specialties and departments is working towards the same purpose and that all management tools support the shared objective of creating a patient-centric healthcare system. The vision for a value-based healthcare system is to create an open and transparent system based on well-documented data.

SAS is an expert at managing and using healthcare data. Our solutions support and solve some of the biggest challenges associated with value-based, patient-centric care, including legally protection of- and access to patient data. SAS provides a secure and rational foundation for sharing patient information so qualified decisions can be made – regardless of the clinical setting.



Patient empowerment

Patients have different needs and for that reason they should never be treated alike. Therefore, the healthcare system must triage patients with the greatest need for care, while those healthy enough to take care of themselves can be released to their own care. This is a rational way to allocate resources in the healthcare sector for the benefit of all.

Innovative patient empowerment is driven by data and analytics. If everyone involved in serving patients share the same knowledge and data about each individual, health professionals will be able to meet the patients where they are along their patient journey, empowering them in order to receive the highest standard of care.



SAS Institute develops strong solutions that increase efficiency, service and provision of services to citizens



SAS Institute supports well-informed decisions in all categories of public administration

Resources, capacity and efficiency

The healthcare system must deliver more treatments to more patients while applying a patient-centric approach that provides better quality for less. Systematic Big Data analytics makes hospital capacity optimization possible within realistic budget constraints. In addition, systematic analyzes can be used for implementing, documenting and automating reporting for administrative, political and fiscal targets, while creating transparency for priority initiatives within healthcare.

Hospitals can use predictive modeling for patient forecasting and optimization of staffing for planned operations across many specialties several weeks in advance. The information can be used to enhance operating room capacity utilization, allowing more patients to be called into surgery whenever the models predict that there will be extra capacity. This results in better operating room utilization and improved patient throughput.

Focused and strategic use of data and advanced analytics also makes it possible to reduce hospital re-admissions and review sickness and staff absence. SAS solutions help to identify patterns that can provide the rationale for implementing the needed efforts to prevent re-admissions.

Quality and Patient safety

Patient safety is a high priority for hospital managers and healthcare professionals. The main purpose is to prevent errors and injuries, also referred to as unforeseen incidents, which occur when patients are in contact with the healthcare system. By continuously analyzing and reviewing quality of care performance data, hospitals get access to valuable information about the source-causes of unforeseen incidents. When hospital managements are provided with information, they can institute concerted efforts at all levels to change behavior and thus raise patient safety. As a result, patients benefit from less unnecessary suffering, and hospitals from prolonged patient stays.



SAS Institute helps you to quickly make well-documented decisions based on the right data



SAS Institute innovates using analytics in a world that is more connected than ever before



Compliance & cost control

Increasing demands from politicians, regulators and citizens result in an ongoing stream of new requirements. Compliance measures, fiscal controls and reporting are expected to be transparent and well-documented.

That is why it is important to focus on optimizing resource allocations. Compliance and cost control analytics offer hospital administrators an overview of trends in productivity, and can uncover areas within the most cost-intensive value chains that have the greatest potential for improvement.

Dealing with patients, there is a high bar when it comes to achieving political, financial and safety goals. Costs must be tightly controlled, and national goals with multiple endpoints need to be monitored, reported and followed up upon. Incomplete information can prove costly for management in the healthcare sector.

When used correctly, data can create the foundation for change and lead to necessary and desired results now and in the long term. Data hold the key to greater efficiency, fewer errors and less waste of resources. Data also create the basis for focusing efforts at the right places, while analysis can show which efforts work, and which need adjustment.

SAS is the leader in analytics. Through innovative analytics, business intelligence and data management software and services, SAS helps customers at more than 83,000 sites make better decisions faster. Since 1976, SAS has been giving customers around the world THE POWER TO KNOW®.

