

AMAM

HIMSS SOLUTION



A strong analytics foundation ensures that data can drive and inform the decision making process in a significant way. Beyond clinical decision support, analytics serves many operational and financial benefits to healthcare organizations. Enhance quality of care and streamline operations with the HIMSS Adoption Model for Analytics Maturity (AMAM).

The stages of the model are as follows:

Stage

7

Stage 7 represents the pinnacle of applying analytics to support patient specific prescriptive care. Healthcare organizations can leverage advanced data sets, such as genomic and biometrics data to support the uniquely tailored and specific prescriptive healthcare treatments of personalized medicine. Organizations can deliver mass customization of care combined with prescriptive analytics.

Stage

6

Stage 6 pushes the organization to mature in the use of predictive analytics and expands the focus on advanced data content and clinical support.

Stage

5

Organizations show expanded point of care oriented analytics and support of population health. Data governance is aligned to support quality based performance reporting and bring further understanding around the economics of care.

Stage**4**

The organization directs analytical data assets, skills, and infrastructure squarely towards improving clinical, financial, and operational program areas. This includes a concerted effort to understand and optimize by honing analytics resources that support evidence based care, track and report care and operational variability, and identify and minimize clinical and operational waste.

Stage**3**

Mastery of descriptive reporting broadly across the enterprise. Varying and different parts of the organization are able to effectively corral data, work with it, and produce historical and current period reporting with minimal effort. Data quality is stable and predictable, tools are standardized and broadly available, and data warehouse access is managed and reliable.

Stage**2**

Data is presented in a formal data warehouse as an enterprise resource (as opposed to a silo oriented and narrowly used resource) with master data management (MDM) that supports ad-hoc queries and descriptive reporting. The enterprise begins maturing data governance while leveraging this environment in support of basic clinical and operational tasks, such as patient registries. All activities should be aligned with the organizations' overall strategic goals. Analytic skills, standards, and education are managed through an analytics competency center.

Stage**1**

Organizations are just beginning to accumulate and manage data into a centralized location, like an operational data store or data warehouse supporting historical reference and consolidated access. The main focus of Stage 1 is to document and begin execution of an analytics strategy that brings basic data together from appropriate systems of record and learn to manage (data governance) and define data so that it can be used and referenced by a broad cross section of analysts.

Stage**0**

All organizations start their analytics journey at Stage 0, with a desire to learn about developing analytics capabilities in response to business demands, market pressures, and a need to develop further insights into the important decisions they make every day.

For more information visit: www.himssanalytics.org/AMAM