

Health Analytics Roadmap



IBM's deep business intelligence experience in healthcare and other industries can help you speed time to a solution.

Define the decision framework

The first steps in the process are to level-set expectations; define the decision process, roles and responsibilities; and establish time frames for deliverables.

Next IBM helps gather information, documentation and analysis to build a firm understanding of the clinical, business and research requirements that will drive the roadmap definition. A starter set of enterprise integrated informatics principles is derived from this understanding of requirements and aspirations.

These principles comprise the decision framework for all future work, illustrating the current and future states of the organization and encapsulating the key objectives of the enterprise integrated informatics initiative.

Identify alternative approaches

After the framework is finalized, IBM identifies which alternatives the organization might pursue to achieve its goals. Potential alternatives are evaluated in relation to the decision framework, resulting in a summary of strengths and weaknesses for each.

Highlights

- ***Define a plan for building an analytic environment to support translational research, clinical care delivery, operational efficiency***
- ***Set expectations, define processes and roles, establish time frames***
- ***Evaluate current and future states relative to enterprise integrated informatics and identify alternatives***

As a leader in the healthcare field, you understand the potential of leveraging data from your existing IT systems and the value of merging clinical, financial and research data to answer tough questions. You also see the long-term potential of translational research for patient care.

IBM Healthlink solutions

The IBM Health Analytics Roadmap methodology helps healthcare organizations rapidly build an actionable, multi-year plan for an analytic environment to support translational research, clinical care delivery and operational efficiency. This pragmatic approach focuses on a collaborative, effective decision-making process that results in a detailed plan supported by stakeholders across the organization.

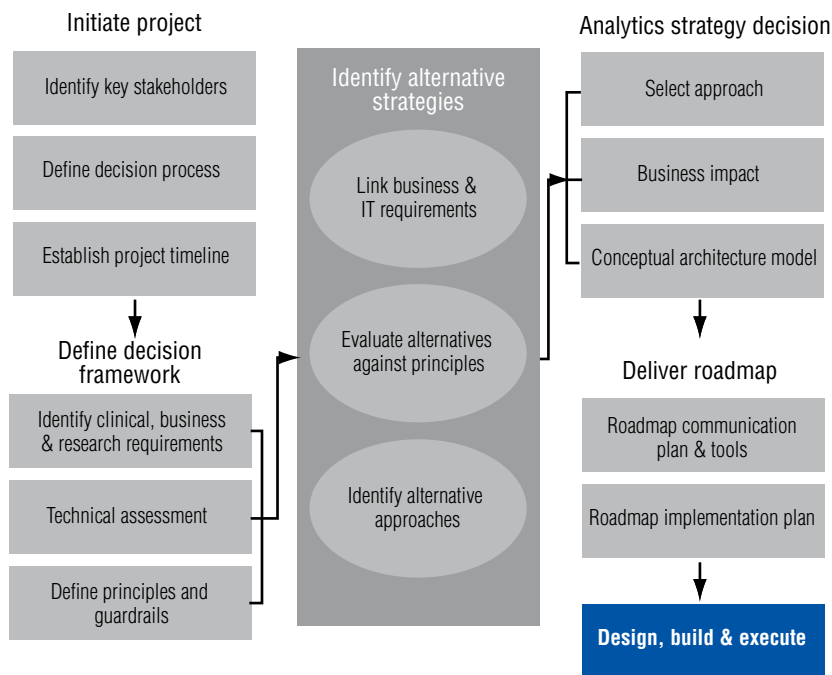


Figure 1. Project scope

Components of the alternatives under consideration include:

- *High-level requirements, with scenarios describing how to meet them*
- *Analysis of the viability of meeting requirements and review of data availability, analytic tools needed and priorities*
- *A conceptual architecture*
- *Organizational/infrastructure needs for supporting the analytics environment*

Decide the analytics strategy

IBM presents the alternatives to the Executive Steering Team on the second decision day and facilitates discussion of options until one is chosen.

Deliver the roadmap

Informed by the selected alternatives, IBM defines the enterprise integrated informatics roadmap. This translates the decision into a series of action steps that start the organization on a path to achieving the defined objectives, based on IT support for clinical, business and research informatics. The roadmap addresses issues such as

the following: data model definition, data discovery, data mapping, analytic tools, resources and skill sets, organizational structure, IT infrastructure, and governance.

The first 12 months of the roadmap are quite specific. The level of detail gradually tapers off because of adjustments required as the plan is executed.

Mining the gold in your IT systems

There's "information gold" trapped in the "data hills" of your transactional systems. A thoughtful, focused planning process can help provide valuable information that your organization can use to continue transforming care and improving clinical and business outcomes.

For more information

To learn more, contact your IBM representative or visit:

ibm.com/bcs/healthcare



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