

# PRIMER ON HEALTHCARE

## COURSE DESCRIPTION

Healthcare covers many types of stakeholders, businesses, and customers. Trying to understand all the moving parts will take much time and effort. A comprehensive yet concise summary of how the healthcare industry works, particularly from the service providers' perspective, will not only save time but accelerate the industry's aim to provide efficient, high quality, and affordable services. This course is a synthesis of the most important topics related to leveraging data and improving the healthcare system.

A quiz can be taken after each session to test your understanding of the materials.

Upon completing the course, you will be able to:

1. Gain a broad perspective of how the healthcare industry functions
2. Understand the key components of value-based care
3. Learn the fundamental concepts and terms used in data management and analytics
4. Explain how to execute improvement projects from start to finish
5. Build awareness of the impact that culture and governance can have on the organization

### Intended Audience

Any healthcare provider, data analyst, management professional, or student looking to succinctly learn about the healthcare industry's imperatives and basics of data analytics will benefit from this course. This is a primer course that lays out the foundation for the next two courses.

### Required Reading

[Data to Value: How to Unleash the Power of Data for Better Quality and Lower Cost Healthcare](#)  
by K.H. Ken Lee

### Required Software

A web browser to access the course materials

## SCHEDULE

This course is self-paced and should be completed prior to starting the introduction course.

### Course Outline

- Session 1: Background and Key Stakeholders
- Session 2: Components of Healthcare Value
- Session 3: Fundamentals of Data
- Session 4: Executing Value Improvement
- Session 5: Data Governance
- Session 6: Building a Data-Driven Organization
- Session 7: Forging ahead