DATA WAREHOUSE/ BUSINESS INTELLIGENCE SYSTEM LIFECYCLE OVERVIEW

Course Description

This course offers an overview of the Kimball Lifecycle approach including practical tips and techniques for creating a successful data warehouse and business intelligence (DW/BI) system. It distills the essential elements of the Kimball approach described in the best-selling book, *The Data Warehouse Lifecycle Toolkit*, 2nd Edition (Kimball, Ross, Thornthwaite, Mundy, and Becker).

The course begins with the requirements gathering process as the foundation for success. It goes on to cover the basic concepts of dimensional modeling, and demystifies DW/BI architecture focusing on the fundamentals: what goes into the architecture and how do we create an architecture that will satisfy the business requirements? We then explore the extract, transformation and load process in the context of building a dimensional data warehouse. Discussion next turns to designing and implementing BI applications, followed by deployment, maintenance and growth.

Kimball Group

The Kimball Group is the definitive source for dimensional data warehousing expertise. We are a team of dedicated data warehouse and business intelligence professionals, bringing 100+ years of devoted experience to bear. For more than two decades, we have focused on developing, teaching and applying dimensional data warehouse design techniques for IT business intelligence professionals through consulting, writing and education.

Warren Thornthwaite

Warren has been building decision support and data warehousing systems since 1980. Warren worked at Metaphor for eight years, where he managed the consulting organization and implemented many major data warehouse systems. After Metaphor, Warren managed the enterprise-wide data warehouse development project at Stanford University. He then co-founded InfoDynamics LLC, a data warehouse consulting firm. Warren subsequently joined up with WebTV to help build a world class, multi-terabyte customer focused data warehouse before returning to consulting.