Dimensional Modeling from a Business Perspective:
A Model the Business Can Understand
Course Outline

1. Why Data Warehousing?
   • Brief historical perspective—how did we get here?
   • Review of different approaches

2. Introduction to Dimensional Modeling Concepts
   • The business dimensional model
   • The star schema

3. Exercise: Identifying Dimensions and Facts

4. Designing Dimensions
   • Multiple hierarchies
   • Degenerate dimensions

5. Designing Facts
   • Base level facts
   • Determining the grain
   • Derived facts

6. Exercise: Developing the Business Dimensional Model

7. Gathering Business Requirements

8. More about Dimensions
   • Role playing
   • Slowly changing dimensions
   • Conformed dimensions

9. More about Facts
   • The need for multiple fact tables
   • Special types of facts
   • Factless fact tables

10. Putting the Model in the Right Context