

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