

Dimensional Modeling from a Business Perspective

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