Module 5: Using Advanced Dimension Settings

Creating Multiple Hierarchies

Department Dimension
- Region 1
  - Department A
  - Department B
- Region 2
  - Department C
  - Department D
- Department.Management
- Manager 1
  - Department A
  - Department C
  - Department D
- Manager 2
  - Department D

Working with Time Dimensions
- Using the Dimension Wizard to Create Dates
- Using a Separate Table for Dates
- Setting Time Dimension Properties
- Creating a Fiscal Date Hierarchy
- Building a Date Hierarchy from a String

Using the Dimension Wizard to Create Dates
- When Possible, It Is Best Practice to Use the Dimension Wizard When Creating Time Dimensions
- Contains Built-In Intelligence
- Defines Entire Hierarchy From a Single Date/Time Column
- Uses Appropriate Functions Depending on Data Source
- Is Available for Modification in the Dimension Editor After Initially Created

Using a Separate Table for Dates
- Contains Additional Date Properties
- Reduces Storage Space
- Is Used with Multiple Fact Tables

Creating a Fiscal Date Hierarchy
- May Not Begin on January 1
- Is Used for Internal Reporting Purposes
- Causes the Need for Multiple Hierarchies within a Time Dimension
  - Fiscal date hierarchy
  - Calendar date hierarchy
Building a Date Hierarchy from a String

- May Not Be Able to Create New Tables within the Data Warehouse
- Can Use Dates Stored as Strings
- Can Use Expressions to Define Time Dimensions

Lab A: Creating Time Dimensions

Lab B: Creating Hierarchies from Single Columns

Creating Custom Rollups

- Using Custom Rollup Operators
- Creating Custom Rollups

Using Custom Rollup Operators

SKIP Lab C: Creating a Custom Rollup
Review

- Working with Levels and Hierarchies
- Working with Time Dimensions
- Creating Custom Rollups
- Introducing Member Properties
- Understanding Virtual Dimensions