

## Advanced Data Model: Building Queries

### COURSE DESCRIPTION

#### **Advanced Data Model: Building Queries**

describes the CA PPM Data Model with a focus on setting up tables and building advanced queries.

**AUDIENCE** – Database Administrators and other CA PPM users wanting to write advanced queries

**COURSE TYPE** – Onsite / Online

**PREREQUISITES** – Knowledge of SQL and Database structures

**DURATION** – 8:00 AM to 5:00 PM; one-hour lunch

---

### COURSE OUTLINE

#### Introduction

- Overview of Data Storage Model
  - Core Tables
  - Time Slice Tables
  - DataMart Tables

#### Core Tables

- Overview of Purpose
- Core tables
  - Investment
  - Resource
  - Timesheet Information
- Querying Core Tables

#### Time Slices

- Overview of Purpose
- Daily Time Slice Types
- Monthly Time Slice Types
- Querying Time Slice Tables

#### Datamart

- Overview of Purpose
- Data Stored in the Datamart
- Querying the Datamart

#### Database

- Common Columns
- Object Prefix Naming Conventions
- Object Suffix Naming Conventions
- Object Types

#### Additional Documentation

- CA Bookshelf

#### Object Details

- Ideas
- Projects

#### Database Details

- Resources
- Ideas
- Projects
- Baselines
- Master / Sub
- Portfolios