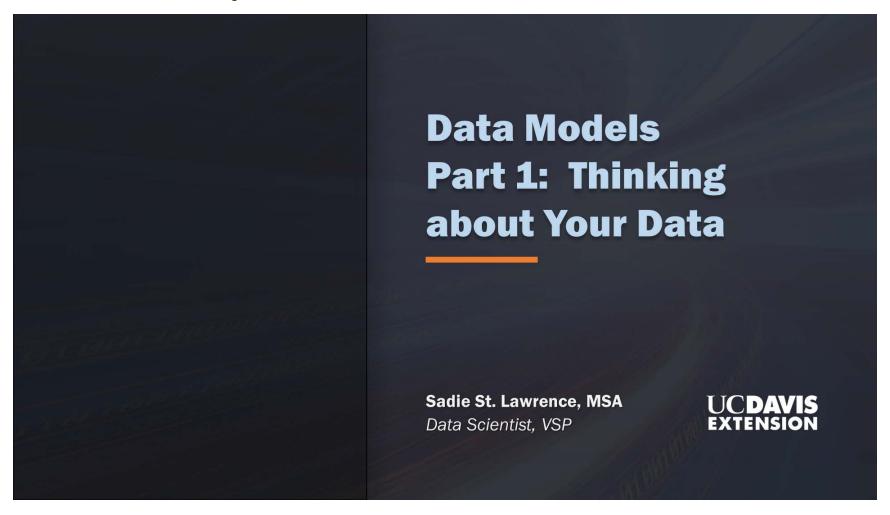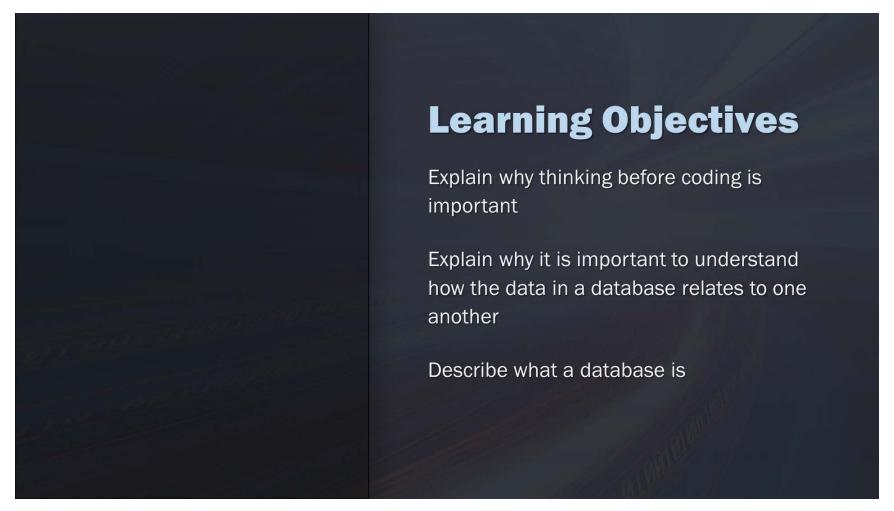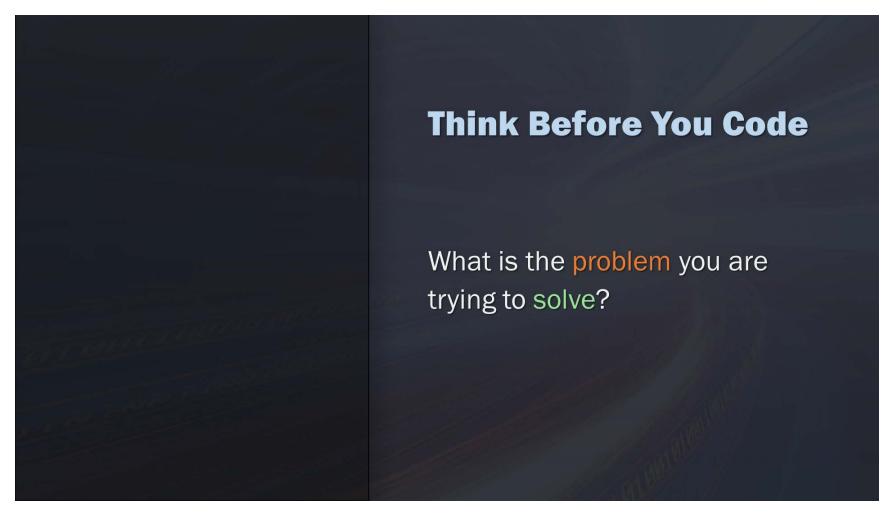Slide 1: Data Models Part 1: Thinking about Your Data
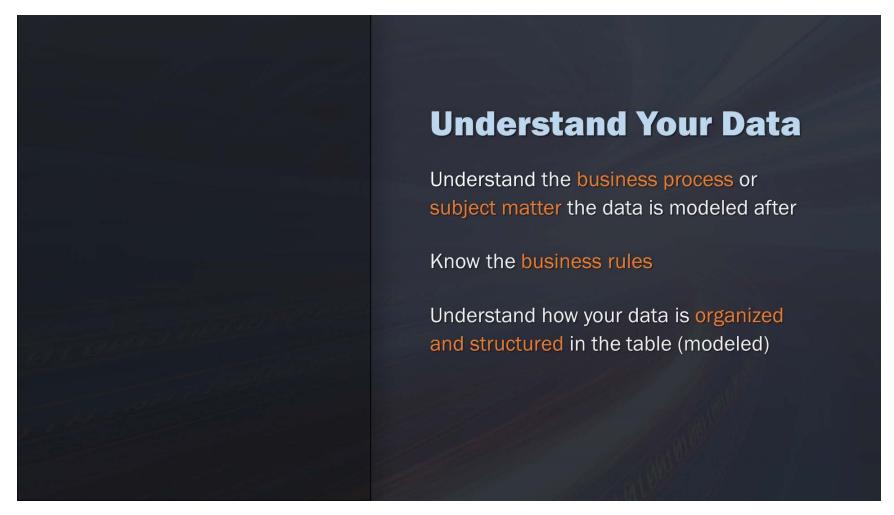
Slide 2: Learning Objectives

Slide 3: Think Before You Code

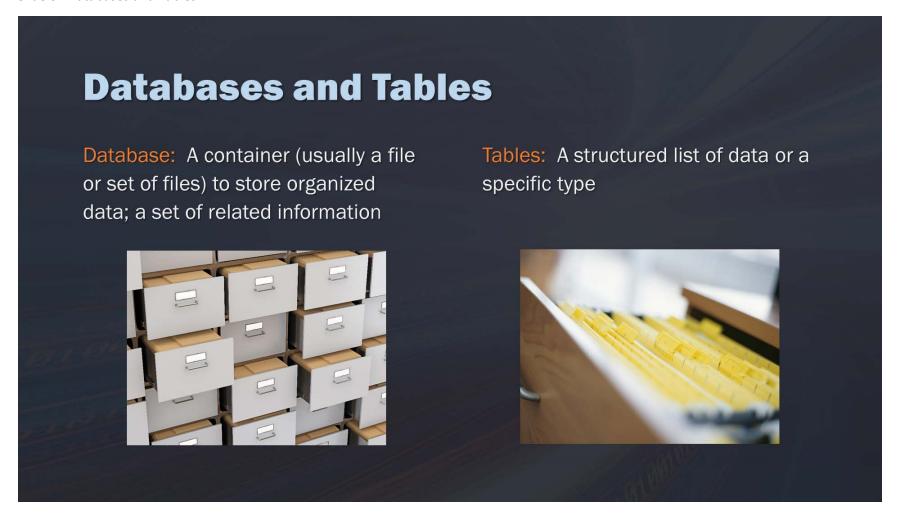Slide 4: Understand Your Data

Understand Your Data

Understand the business process or subject matter the data is modeled after

Know the business rules

Understand how your data is organized and structured in the table (modeled)

Slide 5: Why This is Worthwhile

Slide 6: Databases and Tables

Databases and Tables

Database: A container (usually a file or set of files) to store organized data; a set of related information

Tables: A structured list of data or a specific type

Slide 7: Columns and Rows