

# Database Programming with Python

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Lecture 2 – Creating Databases and Tables

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# This lecture at a glance...

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- ❖ Introduction to Relational Data
- ❖ Planning and Designing a Database
  - ❖ Tables, Records, and Columns
  - ❖ Assigning Data Types
  - ❖ Normalization
  - ❖ Keys and Relationships
- ❖ An Overview of the Vecta Corp. Help Desk Database Structure
  - ❖ The Employees, Roles, Tickets, Solutions, and Status Tables
- ❖ Lab 1: Creating the Database and Tables in SQLite
- ❖ Lab 2: Establishing the Relationships
- ❖ Lab 3: Manually Adding Data to the Tables