

Filename: comptia-itfunc0u61-6-3-1-table\_design

Show Name: CompTIA IT Fundamentals (Exam FC0-U61)

Topic Name: Databases

Episode Name: Table Design

Show Description: In this episode, Ronnie and Don wrap up the database section by discussing how the actual data is stored in the database. They explain how relational data is stored and then discuss the various data types that can be assigned to better handle data storage.

## Table Design

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- What elements make up a table?
  - Schema
  - Tables
  - Rows/records
  - Fields/columns
  - Constraints
- How does all of that get linked together?
  - Primary key
  - Foreign key
  - Indexes
  - Example Design
    - <https://www.dbdesigner.net/> (<https://www.dbdesigner.net/>)
- What kind of data can be stored in the database?
  - Char
  - Strings
  - Numbers
    - Integers
    - Floats
  - Boolean