

# Intro. to SQL

DSC340

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# Learning Objectives

- ✓ Understand the data-representation terminology underlying relational databases
- ✓ Understand core SQL concepts that stem from relational algebra
  - ✓ cover all the fundamental operators other than divide
- ✓ Gain familiarity with SQL syntax

# Relational Databases and Tables

- A Relational Database is a **database management system (DBMS)** that holds a set of tables, like Excel worksheets, each filled with data
- A table = a set of rows or “records”
  - Like a list...
  - ...but rows have no assumed order
    - Even columns have no assumed order