

Slide 1: Joining Tables: An Introduction

# Joining Tables: An Introduction

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Slide 2: Learning Objectives

# Learning Objectives

Discuss the benefits of a relational database system

Describe what a JOIN is and how to use the JOIN function to combine information from multiple tables

Describe how a key field is used to link data together

Slide 3: Benefits of Breaking Data into Tables

# Benefits of Breaking Data into Tables

Efficient **storage**

Easier **manipulation**

Greater **scalability**

Logically **models** a process

Tables are **related** through **common values (keys)**

Slide 4: Joins

# Joins

Associate correct records from each table on the fly

Allows data retrieval from multiple tables in one query

Joins are not physical – they persist for the duration of the query execution