



# SQL PROJECT ON AN ONLINE BOOKSTORE

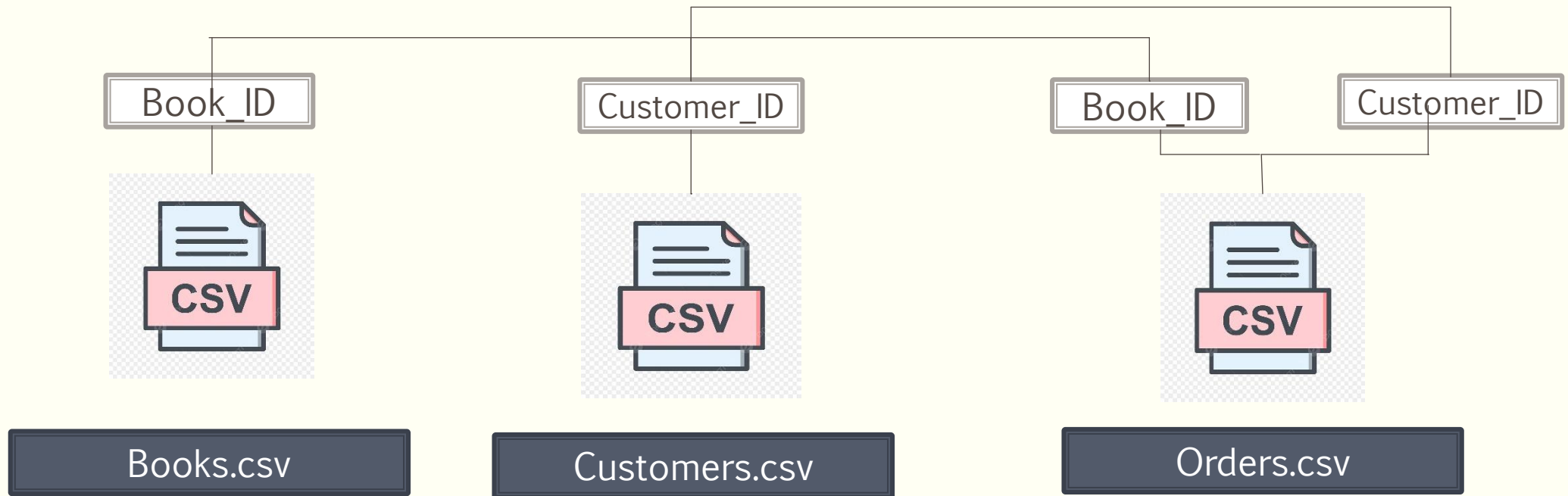
Analyzing Basic and Advanced Queries



# Understanding the Data

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- The project uses three CSV files that represent the tables in a database



# Basic SQL Queries

These queries are used for straightforward data filtering and retrieval.

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- Retrieve all books in the "Fiction" genre.
- Find books published after 1950.
- List all customers from Canada.
- Show orders placed in November 2023.
- Retrieve the total stock of all books.
- Find the details of the most expensive book.
- Show customers who ordered more than one quantity of a book.
- Retrieve all orders where the total amount exceeds \$20.
- List all available genres in the Book table.
- Find the book with the lowest stock.
- Calculate the total revenue from all orders

# Advanced SQL Queries

These queries involve more complex operations like aggregations, joins, and subqueries to gain business insights.

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- Calculate the total number of books sold for each genre.
- Find the average price of books in the "Fantasy" genre.
- List customers who have placed at least two orders.
- Find the most frequently ordered book.
- Show the top three most expensive books in the "Fantasy" genre.
- Retrieve the total quantity of books sold by each author.
- List the cities where customers who spent over \$30 are located.
- Find the customer who spent the most on orders.
- Calculate the stock remaining after all orders have been fulfilled.