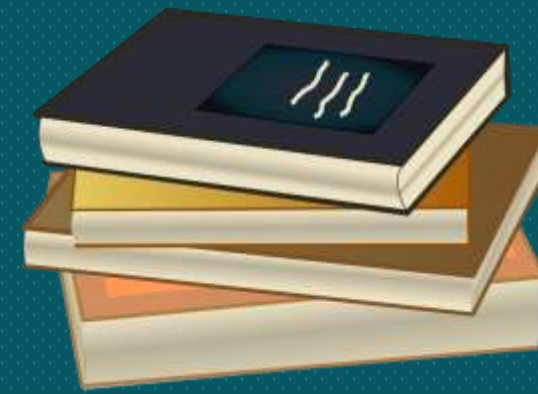




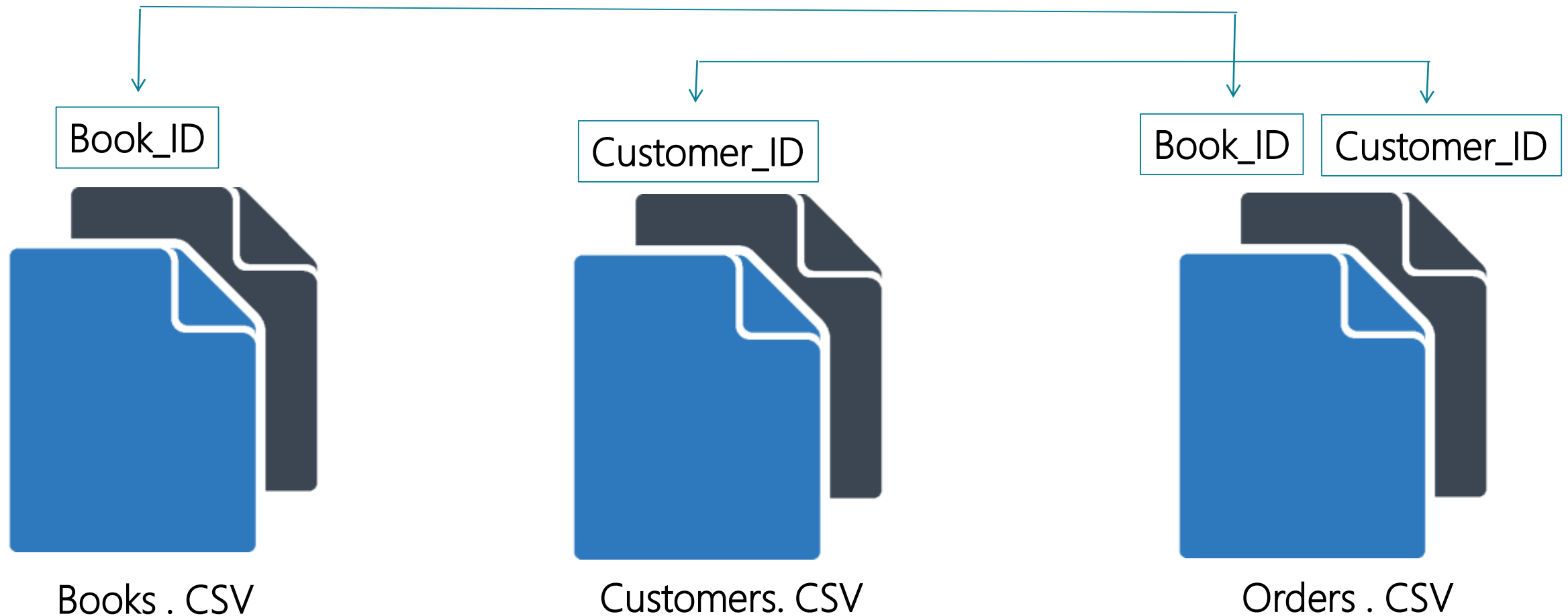
# Project SQL

## Online Book Store



# 3 CSV FILES

Table must have at least one common column with same column name and some data type



# Column's

Book_ID
Title
Author
Genre
Published
Price
Stock

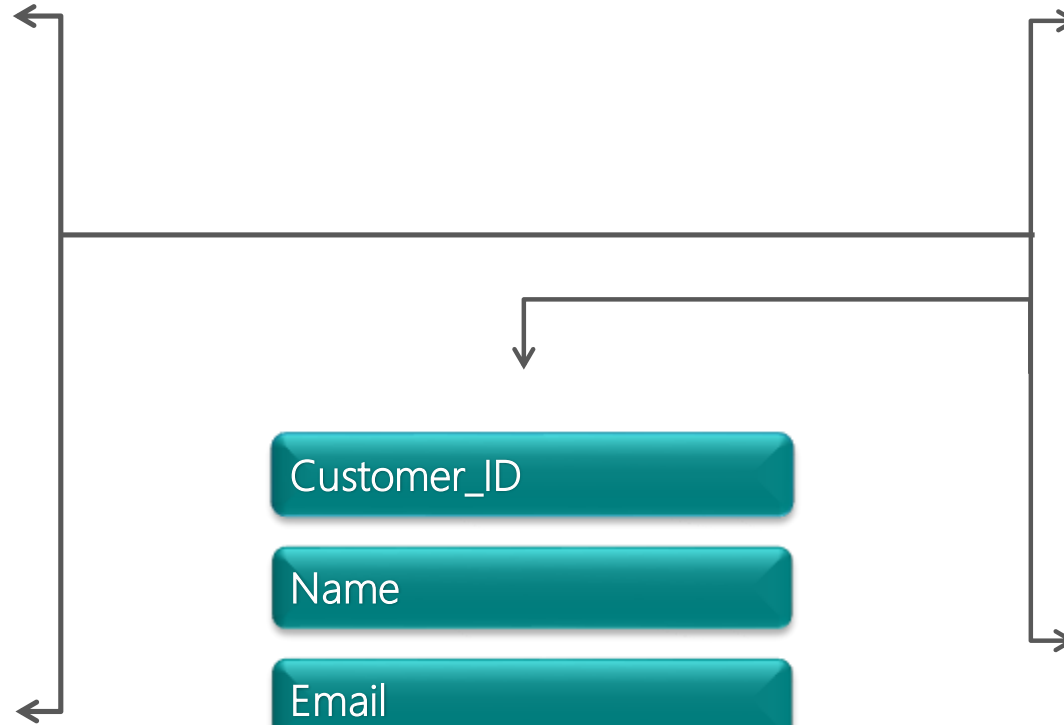
Books . CSV

Customer_ID
Name
Email
Phone
City
Country

Customer . CSV

Order_ID
Customer_ID
Book_ID
Order_Date
Quantity
Total_Amount

Order . CSV



# Basic Queries

- 1) Retrieve all books in the "Fiction" genre
- 2) Find books published after the year 1950
- 3) List all customers from the Canada
- 4) Show orders placed in November 2023
- 5) Retrieve the total stock of books available
- 6) Find the details of the most expensive book
- 7) Show all customers who ordered more than 1 quantity of a book
- 8) Retrieve all orders where the total amount exceeds \$20
- 9) List all genres available in the Books table
- 10) Find the book with the lowest stock
- 11) Calculate the total revenue generated from all orders



# • Advance Queries •

- 1) Retrieve the total number of books sold for each genre
- 2) Find the average price of books in the "Fantasy" genre
- 3) List customers who have placed at least 2 orders
- 4) Find the most frequently ordered book
- 5) Show the top 3 most expensive books of 'Fantasy' Genre
- 6) Retrieve the total quantity of books sold by each author
- 7) List the cities where customers who spent over \$30 are located
- 8) Find the customer who spent the most on orders
- 9) Calculate the stock remaining after fulfilling all orders

