

SQL Project on Online Book store



Schema

orders		
🔑 Order_ID	int	
Customer_ID	int	
Book_ID	int	
Order_Date	date	
Quantity	int	
Total_Amount	decimal(...	

books		
🔑 Book_ID	int	
Title	varchar(100)	
Author	varchar(100)	
Genre	varchar(50)	
Published_Year	date	
Price	decimal(...	
Stock	int	

customers		
🔑 Customer_ID	int	
Name	varchar(30)	
Email	varchar(50)	
Phone	varchar(15)	
City	varchar(50)	
Country	varchar(100)	

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