



Project Summary

The **Online Bookstore SQL Project** is a complete end-to-end database solution designed to simulate a real-world e-commerce bookstore. This project demonstrates the ability to:

- Design and structure a **relational database** from scratch
- Efficiently **import and manage data** using **LOAD DATA INFILE**
- Write **SQL queries** to analyze business metrics such as sales, inventory, customer trends, and revenue
- Use advanced SQL concepts like **JOINS**, **GROUP BY**, **HAVING**, **aggregate functions**, and **subqueries**

The project includes detailed analysis such as:

- Total revenue and sales performance
- Stock tracking and restocking logic
- Top-performing genres, books, and authors
- High-value customers and frequent buyers
- Regional customer distribution
- Remaining stock after fulfilling all orders
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