

I Choose E-Commerce

Introduction

E-commerce has revolutionized the way businesses operate, providing a digital platform for buying and selling products and services. Through this hackathon, I aim to build a structured and scalable e-commerce marketplace, ensuring seamless user experience and efficient data management.

E-Commerce Data Schema

For my marketplace, I have designed a structured data schema that includes essential entities such as:

- **Product:**

Stores details about items available for purchase.

- **Customers:**

Maintains user information for a personalized shopping experience.

- **Orders:**

Keeps track of purchases made by customers.

- **Payment:**

Handles transactions and payment statuses.

- **Delivery:**

Manages the shipping and tracking of orders.

E-Commerce Schema Diagram

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Data Schema For E-commerce Market place

Product:	Customer:	Orders	Payment:
ID	ID	Order ID	Payment ID
Name	Name	Customer ID	Order ID
Price	Email	Product ID	Payment Method
Stock Quantity	Address	Quantity	Payment Status
Description	Phone Number		
Image			

Delivery
Delivery ID
Order ID
Delivery Address
Delivery Status

Product
ID
Name
Price
Stock
Description

Payment	Order	Delivery
Payment ID	Order ID	Delivery ID
Order ID	Customer ID	Order ID
Method	Product ID	Address
Status	Quantity	Status
	Status	

Customer
ID
Name
Email
Address
Phone

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Conclusion

By structuring my e-commerce database properly, I can develop a robust and efficient online marketplace that enhances the shopping experience for users. This schema will serve as the foundation for further enhancements and features in my project.