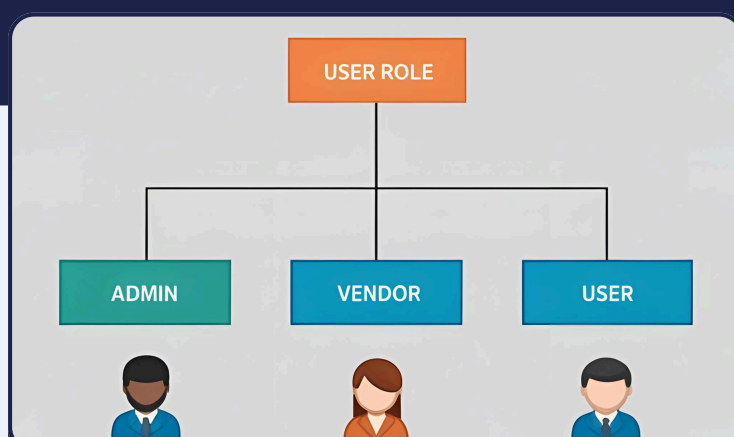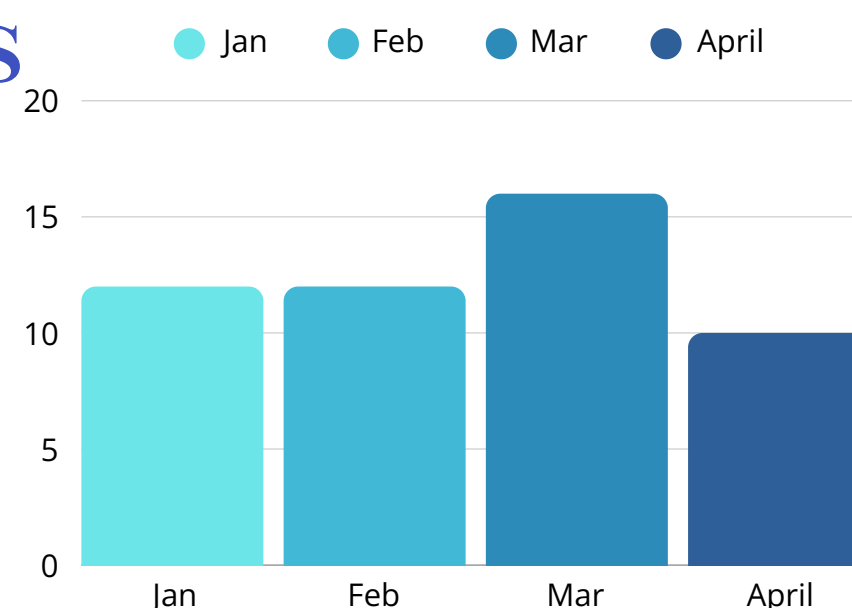# Opulent Cart
With AI

ABSTRACTION

Opulent Cart is a powerful, scalable, and feature-rich Microservices-based Multi-Vendor E-Commerce Platform designed to provide seamless online shopping experiences. With a modern tech stack and an optimized API Gateway, Opulent Cart ensures high performance, security, and real-time updates.

INTRODUCTION

- AI-powered recommendations for personalized shopping.
- Real-time notifications for orders and offers.
- Secure & scalable platform with modern technologies.

SALES

● Jan ● Feb ● Mar ● April

USER ROLE
- Admin
- Vendor
- User

KEY FEATURES
- User Management
- Product Management
- Cart & Wishlist
- Orders & Payments
- Notifications
- Admin Dashboard
- AI Recommendation
- Modern UI/UX
- Microservices

TECH STACK

Frontend
- ⚛️ React.js
- 🎨 Tailwind CSS
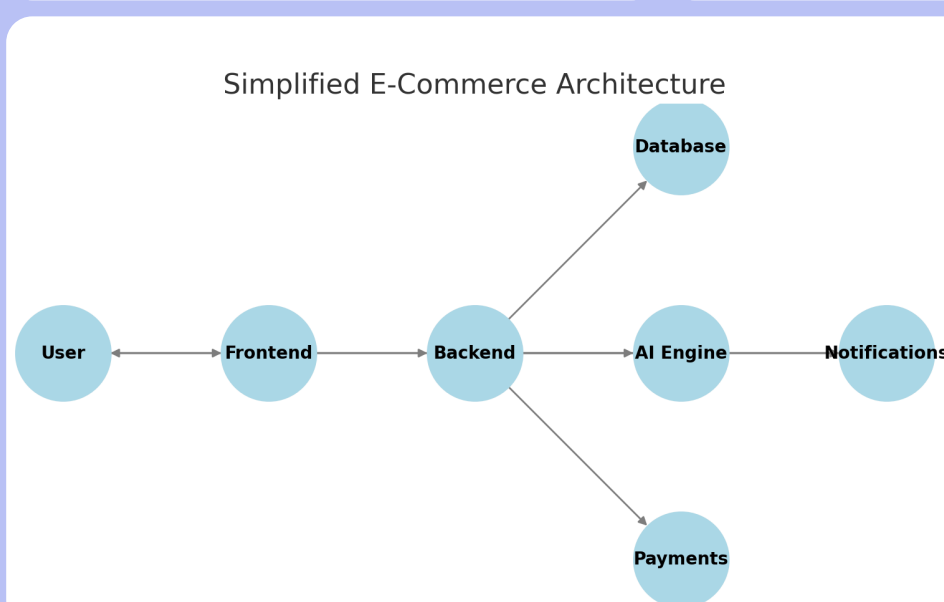- 🛠️ Redux Toolkit
- 🌍 Axios

Backend
- 🚀 Node.js
- 🚀 Express.js
- 📦 PostgreSQL
- 🏗️ RabbitMQ
- ☁️ Cloudinary

Microservice
- 🔐 Auth Service
- 🛒 Product Service
- 📦 Order Service
- 🔔 Notifications
- 🏛️ Payment

Simplified E-Commerce Architecture

FUTURE ENHANCEMENT
- Voice search & chatbot integration.
- AR-based virtual product try-ons.

CONCLUSION
Opulent Cart is a scalable, secure multi-vendor e-commerce platform with real-time updates and seamless user experiences.

REFERENCES
- Rimberio. (2022). Principles of Language Learning and Teaching Journal
- https://github.com/OpulentCart

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