

Design a relational database for an event management platform where users can register, attend events, and leave feedback.

Your database should help analyze user participation, event performance, and overall platform success.

■ Tables to Include Users : user_id, name, city, age Events : event_id, event_name, category, ticket_price Registrations : registration_id, user_id, event_id, feedback_rating, attended

🧠 Requirements - Create all tables with proper data types and relationships (use primary and foreign keys).

- Insert realistic sample data (minimum 5 events, 6 users, 10 registrations).
- Perform CRUD operations, filtering, sorting, and limiting results.
- Write SQL queries to:
 - Analyze event popularity and user participation.
 - Calculate total registrations and average feedback for each event.
 - Find events with an average rating greater than 8.
 - Determine total revenue generated by each event.
 - Identify top-performing events in each category.
 - Display users who attended more than one event.
 - Show users who have not attended any event.
 - Retrieve users who attended the most expensive event.
 - Generate a leaderboard showing each user's total attended events and average rating.