

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.