

Tables Reminder:

users(id, name, email)

categories(id, name)

todos(id, user_id, category_id, title, description, status, due_date)

1. **List users who have at least one completed todo.**
(Hint: Use a subquery with **IN** or **EXISTS**)
2. **Find todos that belong to the same category as the todo titled 'Submit Report'.**
3. **Show all users whose email is not used in any todo (assume email was copied in a separate log table if it existed).**
4. **List users whose total number of todos is equal to the maximum todos of any user.**
(Use a subquery to get max count)
5. **List users along with the number of completed todos they have.**
(Use a subquery inside the **SELECT** clause)
6. **Find todos that are due after the average due date of that user's own todos.**
7. **Display each user and their earliest todo title.**
(Use a subquery in the **WHERE** clause to match the **MIN(due_date)**)
8. **Add a column **priority** (values: 'low', 'medium', 'high') to the **todos** table.**
9. **Make sure **priority** only allows those 3 values using a **CHECK** constraint.**
10. **Rename the **description** column in **todos** to **details**.**
11. **Drop the **email** column from the **users** table.**
12. **Add a foreign key to **todos(user_id)** referencing **users(id)** with **ON DELETE CASCADE**. (Read about **DELETE CASCADE**)**
13. **List todos that belong to categories with more than 2 total todos.**
(Use **GROUP BY** in subquery and filter main query with **IN**)
14. **Show users who have todos in every category.**
(Hint: Use **COUNT(DISTINCT category_id)** and compare with total number of categories)