

# **Aufgabe 19.03.2025**

## **Gym Database**

### **Create a Database**

- Create a database named "Gym\_19\_03"

### **Tables:**

- Members: Member\_ID, Name, Date\_of\_Birth, Email
- Trainers: Trainer\_ID, Name, Specialty
- Courses: Course\_ID, Course\_Name, Trainer\_ID
- Registrations: Registration\_ID, Member\_ID, Course\_ID, Registration\_Date

### **Tasks:**

1. Create the tables using SQL
  - Use appropriate data types
  - Define primary and foreign keys
2. Insert at least 5 records into each table
3. Select Queries (involves independent research):
  - Retrieve all data from each table (4 separate SELECT statements)
  - Check if there are any records for the course "Yoga"
  - Find out if there is a trainer with the name "Fischer"
  - Retrieve all members who joined before 01.01.2023
  - Retrieve all trainers who do not have the specialty "Strength Training"
  - Retrieve all members who are older than 40 years