**Fit Gym SQL Project**

Welcome to my first SQL project, where I analyze real-time gym data from **Fit Gym**! This project uses a dataset of **some visit records** to explore and analyze gym membership and visit data, answering key business questions that can help a fitness center understand its customer base better and optimize its services.

## Introduction

This project aims to demonstrate essential SQL skills by analyzing a dataset from Fit Gym. Using SQL, I explored membership details, member demographics, and visit patterns to derive actionable insights. This project showcases fundamental SQL techniques, including creating tables, writing queries, and analyzing data.

## Database Schema

Here’s an overview of the database structure:

### 1. ****Members Table****

* **member\_id**: Unique identifier for each member
* **name**: Name of the member

### 2. ****Memberships Table****

* **member\_id**: Unique identifier linked to the members table
* **age**: Age of the member
* **gender**: Gender of the member ('Male' or 'Female')
* **membership\_type**: Type of membership (e.g., Monthly,Annual, Quarterly)
* **join\_date**: Date when the member joined
* **status**: Membership status (e.g., Active,Inactive)

### 3. ****Visits Table****

* **visit\_id**: Unique identifier for each visit
* **member\_id**: Linked to the members table
* **visit\_date**: Date of the visit
* **check\_in\_time**: Check-in time of the visit
* **check\_out\_time**: Check-out time of the visit