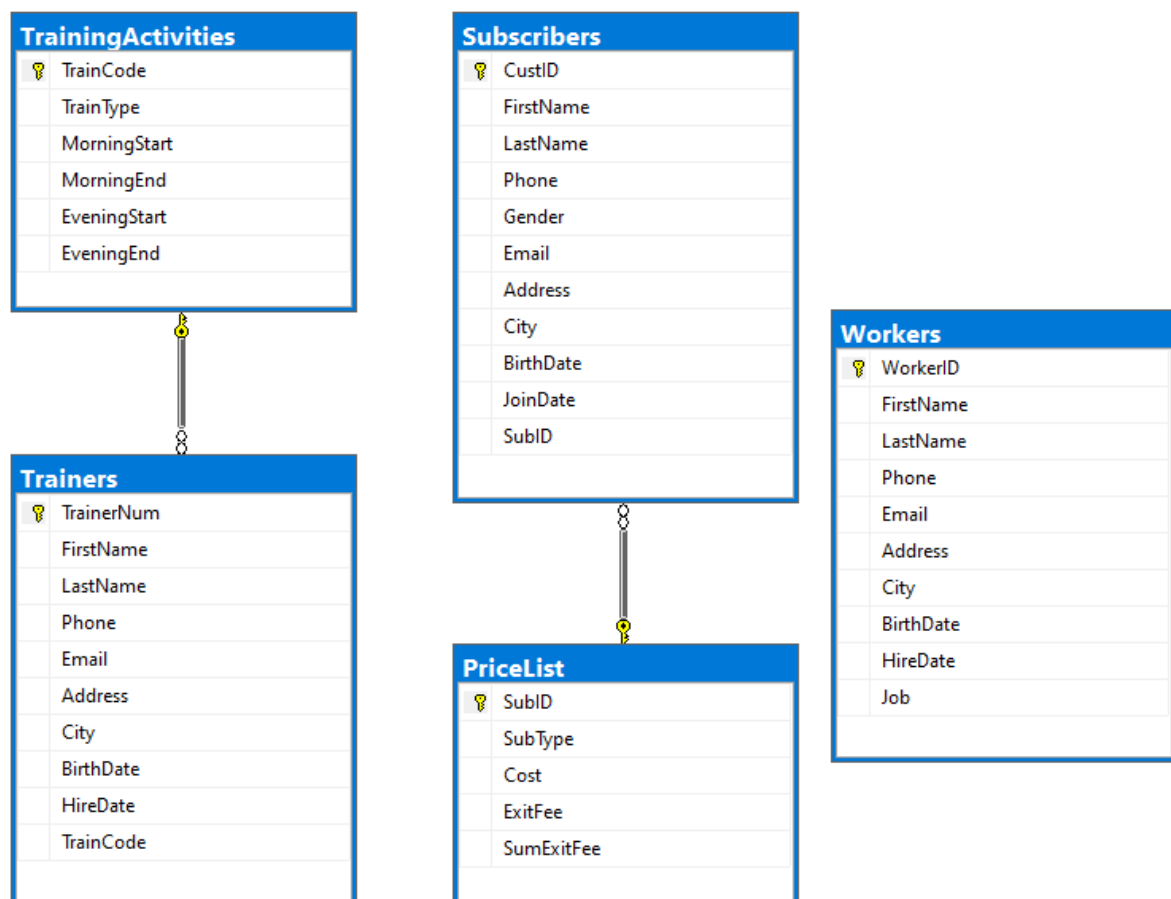


Table Design & Creation
Data Analyst Program -
Project 1 By : Rafael Ron

About This Project

This project is about a data base called "MyGymDB" on a Gym management that can help the managers to manage in an efficient way their business.

ERD



Tables Description

1. Workers - information about the workers in the gym

Column Name	Column Type	Constraint	Comments
WorkerID	INT	PK	
FirstName	varchar(20)	NN	
LastName	varchar(20)	NN	
Phone	varchar(11)	Unique, NN	
Email	varchar(40)	Unique, Check email has '@'	
Address	varchar(50)		
City	varchar(50)		
BirthDate	Date	NN	
HireDate	Date	NN	
Job	varchar(90)	NN	

2.Trainers - A List of the gym trainers

Column Name	Column Type	Constraint	Comments
TrainerNum	INT	PK	Identity(101,4)
FirstName	varchar(20)	NN	
LastName	varchar(20)	NN	
Phone	varchar(11)	Unique,NN	
Email	varchar(40)	Unique, Check email has '@'	
Address	varchar(50)		
City	varchar(50)		
BirthDate	Date	NN	
HireDate	Date	NN	
TrainCode	INT	FK from TrainingActivities(TrainCode)	

3.TrainingActivities - List of Training activities that the gym offers

Column Name	Column Type	Constraint	Comments
TrainCode	INT	PK	
TrainType	varchar(20)	NN	
MorningStart	Datetime	NN	
MorningEnd	Datetime	NN	
EveningStart	Datetime	NN	
EveningEnd	Datetime	NN	

4.PriceList - Price tags per use/intervals

Column Name	Column Type	Constraint	Comments
SubID	INT	PK	Identity(1000,100)
SubType	varchar(50)	Not null	
Cost	Money	Not null	
ExitFee	varchar	Check (Y/N)	
SumExitFee	Money	Default Null	

5. Subscribers - A list of the gym subscribers			
Column Name	Column Type	Constraint	Comments
CustID	INT	PK	
FirstName	varchar(20)	NN	
LastName	varchar(20)	NN	
Phone	varchar(11)	Unique, NN	
Gender	varchar	Check 'M/F'	
Email	varchar	Check email has '@'	
Address	varchar(50)		
City	varchar(50)		
BirthDate	Date		
JoinDate	Date		
SubID	INT	FK from PriceList (SubID)	