ScienceQtech Employee Performance Mapping

SQL MySQL Training

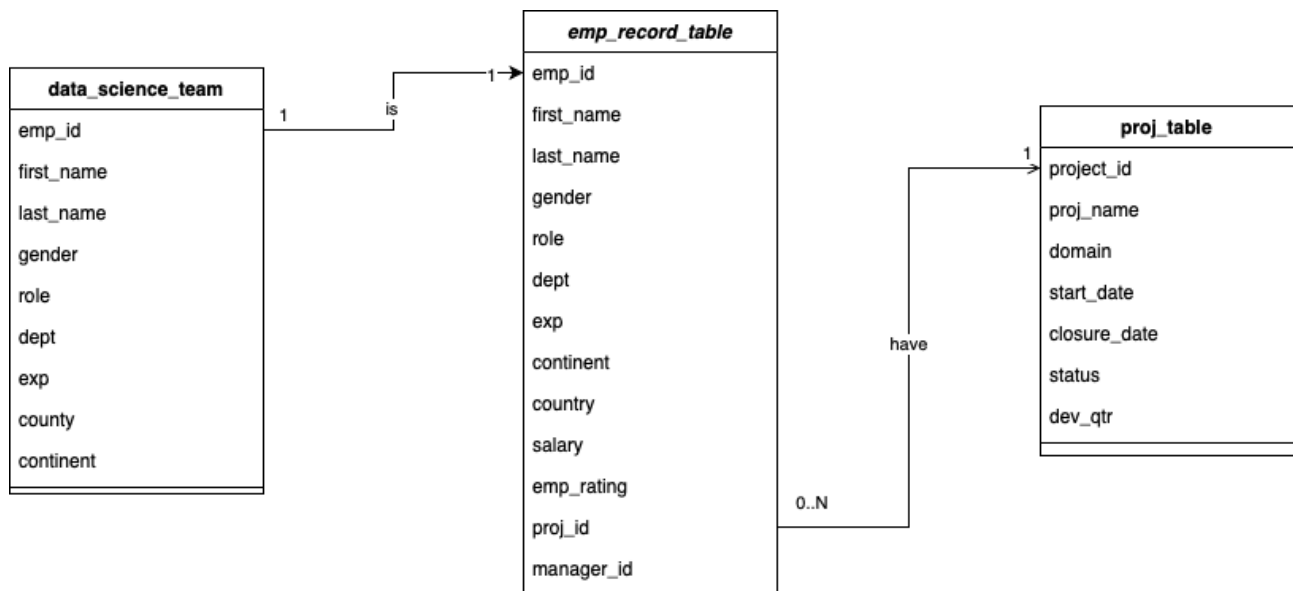## Author: Jan Chochole

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ER Diagram:

Description steps:

I drop procedures, tables and views, if exists, it's because when you want to start this task repeatedly, you will have error.

Task 1

I use command for creating database, tables. I use import tool in MySQL Workbench, to import data from dataset. My databases are in my external server, so this is the reason why I use name "u878289772_ScienceQtechVF".

Task 2 - ER Diagram

Task 3

Basic command, nothing to explain.

Task 4

Basic command with condition, nothing to explain.

Task 5

Basic command with condition, nothing to explain.

Task 6

I temporary create table "managers", there I store managers ID with number of reporters. After that I use inner join to join emp table with manager table, default key for pairing is emp_id. One of the hardest task for me.

Task 7

Basic command with condition, I use union operator as you want.

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Task 8
I use procedure for this. I make temporary table max_dept and with where rule. I fill table with maximum from the department and use inner join to make a final view. One of the hardest task for me.

Task 9
Basic command with group condition, nothing to explain.

Task 10
I use procedure and case statement. Marks are grouped by 4. A (20 - 17 pt), B (16 - 13 pt), C (12 - 9 pt), D (8 - 5 pt), E (4 - 0 pt).

Task 11
Basic command with condition, nothing to explain.

Task 12
Nothing new to explain, I use basic commands.

Task 13
Nothing new to explain, I use basic commands.

Task 14
If the position is right is in column "check_position", 1 means TRUE.

Task 15
I create index and check if exists.

Task 16
Nothing new to explain, I use basic commands with math operators.

Task 17
Procedure with 1 input variable, I see no reason to use 2 now. In my case, I count average salary for Germany.

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