SQL Review



Agenda - Schedule

- 1. SQL LeetCode Hackathon
- 2. Break
- 3. TLAB#3
 - Please ensure you've started by now!



Agenda - Announcements

- Week 9 Pre-Class Quiz due 5/9 (2 attempts)
- TLAB #3 due 5/14
 - Early grade due date: 5/7
 - Extension due date: 5/13

Agenda - Goals

- Simulate the interview process by asking you to complete and present technical challenges live.
- Continue working on TLAB #3

Even if you don't have the answer, let us know how you would begin this problem and we'll work through it together!

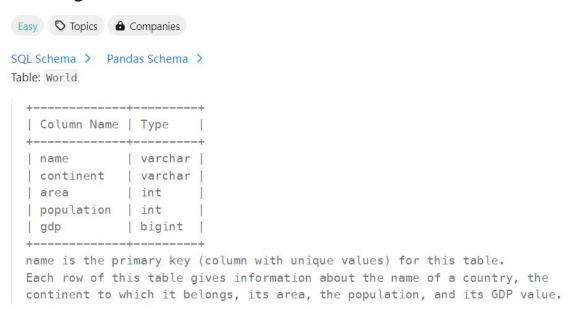
SQL LeetCode Exercise Day

Just like in W7D3, we will spend the evening today going through LeetCode questions.

We will aim to complete 4 LeetCode questions using the SQL syntax we've learned this past week.

Look to your notes, talk to your peers, watch the recordings. Let's get started!

595. Big Countries



Solved @

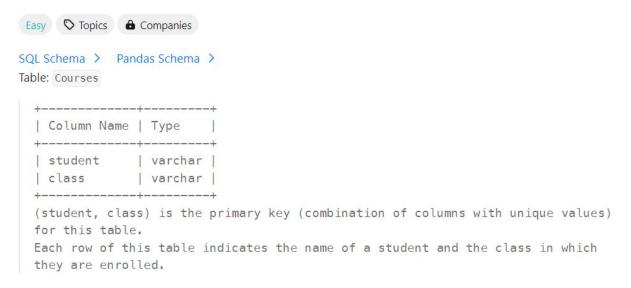
Take 10 minutes to work on the "Big Countries" Leetcode problem: https://leetcode.com/problems/big-countries/description/?envType=study-plan-v2&envId=top-sql-50



Take 10 minutes to work on the "Product Sales Analysis I" Leetcode problem:

https://leetcode.com/problems/product-sales-analysis-i/description/?envType=study-plan-v2&envId=top-sql-50

596. Classes More Than 5 Students



Take 10 minutes to work on the "Classes More Than 5 Students" Leetcode problem:

https://leetcode.com/problems/classes-more-than-5-students/?envType=s tudy-plan-v2&envId=top-sql-50

1581. Customer Who Visited but Did Not Make Any Transactions

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	1100	_

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e: Visits		
	+	
Column Name Type	1	
	+ 	
customer_id int	j	
	+	

IF TIME PERMITS (aka don't start this if we're 10 mins away from break) check out "Classes More Than 5 Students": https://leetcode.com/problems/customer-who-visited-but-did-not-make-a-ny-transactions/description/?envType=study-plan-v2&envId=top-sql-50

TLAB #3

Lab (Due 5/14)

This is mostly self-guided, so be sure to utilize the slides/notes/recordings from W6, W7, & W8



Minas Gerais, Brazil

You are a data engineer at a Brazil-based weather prediction startup called Curu-Sight. The goal of this startup is to analyze weather trends in Brazil and predict the output of non-durable consumer goods at harvest time.

You will analyze a dataset that contains averages calculated based on rainfall, temperature, humidity, and wind metrics collected during the coffee growing season.

You will also analyze a dataset that contains Minas Gerais' crop output. You will then combine these two datasets to explore how the weather influences coffee growth.

Next Week...

Next week will entail:

- Monday: Advanced SQL I
- Tuesday: Advanced SQL II
- Wednesday: Linear Regression
- Thursday: Review Session

