

Problem List

2987. Find Expensive Cities

Premium

Solved

Easy

Topics

SQL Schema

Pandas Schema

Table: Listings

Column Name	Type
listing_id	int
city	varchar
price	int

listing\_id is column of unique values for this table.  
This table contains listing\_id, city, and price.

Write a solution to find cities where the average home prices exceed the national average home price.

Return the result table sorted by city in ascending order.

The result format is in the following example.

Example 1:

Input:

Listings table:

listing_id	city	price
113	LosAngeles	7560386
136	SanFrancisco	2380268
92	Chicago	9833209
60	Chicago	5147582
8	Chicago	5274441
79	SanFrancisco	8372065
37	Chicago	7939595
53	LosAngeles	4965123
178	SanFrancisco	999207
51	NewYork	5951718
121	NewYork	2893760

Output

city
Chicago
LosAngeles

Explanation

The national average home price is \$6,122,059.45. Among the cities listed:  
- Chicago has an average price of \$7,043,706.75  
- Los Angeles has an average price of \$6,277,754.5  
- San Francisco has an average price of \$3,900,513.33  
- New York has an average price of \$4,422,739  
Only Chicago and Los Angeles have average home prices exceeding the national average.  
Therefore, these two cities are included in the output table. The output table is sorted in ascending order based on the city names.

Seen this question in a real interview before?

1/5

Yes No

Accepted 1.5K | Submissions 1.8K | Acceptance Rate 79.8%

Topics

Discussion (6)

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Code

MySQL

Auto

```
1 # Write your MySQL query statement below
2
3 SELECT city
4 FROM Listings
5 GROUP BY city
6 HAVING AVG(Price) > (
7     SELECT avg(price)
8     FROM Listings
9 )
10 ORDER BY city;
11
```

Saved

Ln 7, Col 22

Testcase

Test Result

Case 1

Listings =

listing_id	city	price
113	LosAngeles	7560386
136	SanFrancisco	2380268
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