

2987. Find Expensive Cities Premium

Easy Topics Companies

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 \$7,048,706.75
– 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 3.2K | Submissions 4K | Acceptance Rate 79.7%

Topics

Database

Companies

0 - 3 months

Google10

Discussion (8)