

1126. Active Businesses

Medium

68

6

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SQL Schema >

Table: Events

Column Name	Type
business_id	int
event_type	varchar
occurences	int

(business_id, event_type) is the primary key of this table.

Each row in the table logs the info that an event of some type occurred at some business for a number of times.

Write an SQL query to find all *active businesses*.

An active business is a business that has more than one event type with occurrences greater than the average occurrences of that event type among all businesses.

The query result format is in the following example:

Events table:

business_id	event_type	occurences
1	reviews	7
3	reviews	3
1	ads	11
2	ads	7
3	ads	6
1	page views	3
2	page views	12

Result table:

business_id
1

Average for 'reviews', 'ads' and 'page views' are $(7+3)/2=5$, $(11+7+6)/3=8$, $(3+12)/2=7.5$ respectively.

Business with id 1 has 7 'reviews' events (more than 5) and 11 'ads' events (more than 8) so it is an active business.

Accepted 8,301

Submissions 12,058

Seen this question in a real interview before?

Yes

No

Contributor

Companies i