1853. Convert Date Format

Leetcode Link

Problem

Given a table Days with a day column of date type, the goal is to write an SQL query that will convert each date in the table into a string formatted as "day_name, month_name day, year". The result table should be returned in any order, and the output must be case-sensitive.

Example

Consider the following Days table:

The expected query result would be:

Approach

To solve this problem, MySQL's DATE_FORMAT function can be used. This function allows you to format a date value based on a given format pattern. The following format pattern can be used to achieve the required output:

```
1 %W, %M %e, %Y
```

This pattern will replace *w with the day name, *M with the month name, *e for the day number without leading zeros, and *Y for the year.

Example

Let's walk through the problem example using this approach:

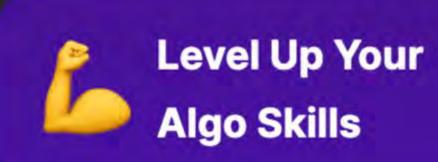
```
1 2022-04-12 -> DATE_FORMAT('2022-04-12', '%W, %M %e, %Y') -> Tuesday, April 12, 2022 2 2021-08-09 -> DATE_FORMAT('2021-08-09', '%W, %M %e, %Y') -> Monday, August 9, 2021 3 2020-06-26 -> DATE_FORMAT('2020-06-26', '%W, %M %e, %Y') -> Friday, June 26, 2020
```

Solution

SQL

To achieve the required result, we can write an SQL query as follows:

```
1 SELECT DATE_FORMAT(day, '%W, %M %e, %Y') AS day
2 FROM Days;
```



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