# 1164. Product Price at a Given Date

## SOLUTION IN MYSQL

WITH

RankedProducts AS (

SELECT

product\_id,

new\_price,

RANK() OVER(

PARTITION BY product\_id

ORDER BY change\_date DESC

) AS `rank`

FROM Products

WHERE change\_date <= '2019-08-16'

),

ProductToLatestPrice AS (

SELECT product\_id, new\_price

FROM RankedProducts

WHERE `rank` = 1

)

SELECT

Products.product\_id,

IFNULL(ProductToLatestPrice.new\_price, 10) AS price

FROM Products

LEFT JOIN ProductToLatestPrice

USING (product\_id)

GROUP BY 1;