1 задание

WITH rate\_max\_date AS

(WITH max\_date AS

(SELECT currency

, MAX(date) AS max\_date

FROM public.rates\_rg

GROUP BY 1)

SELECT a.\*, b.rate

FROM max\_date AS a

LEFT JOIN public.rates\_rg AS b ON a.max\_date = b.date AND a.currency = b.currency)

SELECT id

, CASE WHEN a.currency <> 'RUR' THEN price \* rate ELSE price END AS price\_in\_rur

FROM public.sales\_rg AS a

LEFT JOIN rate\_max\_date AS b ON a.currency = b.currency

Ссылка на Metabase - <https://metabase.sky.pro/question/57400>

2 задание

WITH next\_lesson\_week AS

(SELECT \*

, LEAD(lesson\_week) OVER (PARTITION BY student\_id ORDER BY lesson\_week) AS next\_week

FROM (SELECT \*

, DATE\_PART('week', lesson\_day) AS lesson\_week

FROM public.test\_lessons\_rogozina) AS a),

missed\_week AS

(SELECT \*

, next\_week - lesson\_week AS interval\_week\_lesson

, CASE WHEN next\_week - lesson\_week > 1 THEN 1 ELSE 0 END AS flag\_missed\_week

FROM next\_lesson\_week)

SELECT teacher\_id

, SUM(flag\_missed\_week) AS cnt\_missed\_week

FROM missed\_week

GROUP BY 1

HAVING SUM(flag\_missed\_week) > 0

ORDER BY 2 DESC

Ссылка на Metabase - <https://metabase.sky.pro/question/57409>