1. WITH MaxPrice AS

(

SELECT

MAX(CAST(SUBSTR(price, 2) AS NUMERIC)) AS maxprice

FROM listings

)

SELECT a.\*

FROM listings a

INNER JOIN MaxPrice b ON CAST(SUBSTR(price, 2) AS NUMERIC) = maxprice

1. SELECT a.neighbourhood, COUNT(\*) total\_listings, SUM(CASE WHEN available = 't' THEN 1 ELSE 0 END) AS open\_listings, SUM(CASE WHEN available = 'f' THEN 1 ELSE 0 END) AS closed\_listings,

AVG(CASE WHEN CAST(SUBSTR(c.price, 2) AS NUMERIC) > 0 THEN CAST(SUBSTR(c.price, 2) AS NUMERIC) ELSE NULL END) AS avg\_price

FROM listings\_summ a

INNER JOIN neighbourhoods b ON a.neighbourhood = b.neighbourhood

INNER JOIN calendar c ON a.id = c.listing\_id

WHERE c.date = '2017-03-14'

GROUP BY a.neighbourhood

ORDER BY 2 DESC

1. SELECT c.date, COUNT(\*) total\_listings, SUM(CASE WHEN available = 't' THEN 1 ELSE 0 END) AS open\_listings, SUM(CASE WHEN available = 'f' THEN 1 ELSE 0 END) AS closed\_listings,

AVG(CASE WHEN CAST(SUBSTR(c.price, 2) AS NUMERIC) > 0 THEN CAST(SUBSTR(c.price, 2) AS NUMERIC) ELSE NULL END) AS avg\_price

FROM listings\_summ a

INNER JOIN neighbourhoods b ON a.neighbourhood = b.neighbourhood

INNER JOIN calendar c ON a.id = c.listing\_id

GROUP BY c.date

ORDER BY 1 ASC