

Screenshots :

Before:

```
1 WITH
2 listing_info_raw AS (
3     SELECT
4         '' AS property_id_sha,
5         '' AS mc_export_property_id_sha,
6         '(Rental)' AS pretty_address,
7         '(Rental)' AS display_address
8     ),
9 periods AS (
10    SELECT
11        true AS is_current_period,
12        CAST('2020-11-09' AS date) AS start_date,
13        CAST('2020-11-15' AS date) AS end_date
14    ),
15    other_publisher_views AS (
16        SELECT clv.date,
17               clv.streeteasy_page_views,
18               clv.trulia_page_views,
19               clv.zillow_page_views,
20               clv.realtor_page_views
21        FROM agent_insights_lt.agent_insights_combined_listing_views AS clv
22             JOIN listing_info_raw ON clv.property_id_sha = listing_info_raw.property_id_sha
23    ),
24    other_publisher_views_by_period AS (
25        SELECT is_current_period,
26               start_date,
27               end_date,
28               coalesce(sum(streeteasy_page_views), 0) AS streeteasy_page_views,
29               coalesce(sum(trulia_page_views), 0) AS trulia_page_views,
30               coalesce(sum(zillow_page_views), 0) AS zillow_page_views,
31               coalesce(sum(realtor_page_views), 0) AS realtor_page_views
32        FROM periods
33             LEFT JOIN other_publisher_views ON
34             other_publisher_views.date BETWEEN periods.start_date AND periods.end_date
35    )
36 SELECT * FROM other_publisher_views_by_period;
```

agent_insights_combined_listing_views (1r x 7c)						
is_current_period	start_date	end_date	streeteasy_page_views	trulia_page_views	zillow_page_views	realtor_page_views
1	2020-11-09	2020-11-15	0	0	0	0

After :

```
1 WITH
2 listing_info_raw AS (
3     SELECT
4         '' AS property_id_sha,
5         '' AS mc_export_property_id_sha,
6         '(Rental)' AS pretty_address,
7         '(Rental)' AS display_address
8     ),
9 periods AS (
10    SELECT
11        true AS is_current_period,
12        CAST('2020-11-09' AS date) AS start_date,
13        CAST('2020-11-30' AS date) AS end_date
14    ),
15    other_publisher_views_by_period AS (
16        SELECT p.is_current_period,
17            p.start_date,
18            p.end_date,
19            coalesce(sum(clv.streeteasy_page_views), 0) AS streeteasy_page_views,
20            coalesce(sum(clv.trulia_page_views), 0) AS trulia_page_views,
21            coalesce(sum(clv.zillow_page_views), 0) AS zillow_page_views,
22            coalesce(sum(clv.realtor_page_views), 0) AS realtor_page_views
23        FROM agent_insights_lt.agent_insights__combined_listing_views AS clv, periods AS p
24        WHERE clv.date BETWEEN p.start_date AND p.end_date
25    )
26 SELECT * FROM other_publisher_views_by_period;
```

agent\_insights\_\_combined\_listing\_views (1r x 7c)

is_current_period	start_date	end_date	streeteasy_page_views	trulia_page_views	zillow_page_views	realtor_page_views
1	2020-11-09	2020-11-30	0	0	0	0

## Optimized Code

```
WITH
listing_info_raw AS (
  SELECT
    " AS property_id_sha,
    " AS mc_export_property_id_sha,
    '(Rental)' AS pretty_address,
    ' (Rental)' AS display_address
  ),
periods AS (
  SELECT
    true AS is_current_period,
    CAST('2020-11-09' AS date) AS start_date,
    CAST('2020-11-30' AS date) AS end_date
  ),
other_publisher_views_by_period AS (
  SELECT p.is_current_period,
    p.start_date,
    p.end_date,
    coalesce(sum(clv.streeteasy_page_views), 0) AS streeteasy_page_views,
    coalesce(sum(clv.trulia_page_views), 0) AS trulia_page_views,
    coalesce(sum(clv.zillow_page_views), 0) AS zillow_page_views,
    coalesce(sum(clv.realtor_page_views), 0) AS realtor_page_views
  FROM agent_insights_lt.agent_insights__combined_listing_views AS clv, periods AS
p
  WHERE clv.date BETWEEN p.start_date AND p.end_date
  )
SELECT * FROM other_publisher_views_by_period;
```

## Combined Queries

```
other_publisher_views_by_period AS (  
    SELECT  
        periods.is_current_period,  
        periods.start_date,  
        periods.end_date,  
        coalesce(sum(clv.streeteasy_page_views), 0) AS streeteasy_page_views,  
        coalesce(sum(clv.trulia_page_views), 0) AS trulia_page_views,  
        coalesce(sum(clv.zillow_page_views), 0) AS zillow_page_views,  
        coalesce(sum(clv.realtor_page_views), 0) AS realtor_page_views  
    FROM agent_insights_lt.agent_insights__combined_listing_views AS clv, periods AS  
periods  
    WHERE clv.date BETWEEN periods.start_date AND periods.end_date  
)
```