Models

CODE USED IN THE LESSON

SRC LISTINGS

`models/src/src_listings.sql`:

```sql
WITH raw_listings AS (
    SELECT
        *
    FROM
        AIRBNB.RAW.RAW_LISTINGS
)
SELECT
    id AS listing_id,
    name AS listing_name,
    listing_url,
    room_type,
    minimum_nights,
    host_id,
    price AS price_str,
    created_at,
    updated_at
FROM
    raw_listings
```

SRC REVIEWS

`models/src/src_reviews.sql`:

```sql
WITH raw_reviews AS (
    SELECT
        *
    FROM
        AIRBNB.RAW.RAW_REVIEWS
)
SELECT
    listing_id,
```

```
    date AS review_date,
    reviewer_name,
    comments AS review_text,
    sentiment AS review_sentiment
FROM
    raw_reviews
```

EXERCISE

Create a model which builds on top of our `raw_hosts` table.

1) Call the model `models/src/src_hosts.sql`
2) Use a CTE (common table expression) to define an alias called `raw_hosts`. This CTE select every column from the raw hosts table `AIRBNB.RAW.RAW_HOSTS`
3) In your final `SELECT`, select every column and record from `raw_hosts` and rename the following columns:

- `id` to `host_id`
- `name` to `host_name`

SOLUTION

```
WITH raw_hosts AS (
    SELECT
        *
    FROM
        AIRBNB.RAW.RAW_HOSTS
)
SELECT
    id AS host_id,
    NAME AS host_name,
    is_superhost,
    created_at,
    updated_at
FROM
    raw_hosts
```