1. Update stg_order_details

Step 1. Buat macro untuk normalisasi customer_phone dan buat kolom country
Gambar : macro untuk normalisasi customer_phone

```
my_project > macros > normalized_phone_numbe.sql
1    {% macro normalized_phone_number(column_name) %}
2
3        CASE
4
5            WHEN LEFT({{ column_name }}, 1) = '+' THEN RIGHT({{ column_name }}, LENGTH({{ column_name }}) - 1)
6
7            ELSE {{ column_name }}
8
9        END
10
11   {% endmacro %}
```

Gambar : macro untuk membuat colom country berdasarkan customer_phone

```
my_project > macros > add_country_column.sql
1    {% macro add_country_column(column_name) %}
2
3        CASE
4
5            WHEN LEFT({{column_name}}, 2) = '62' THEN 'Indonesia'
6            WHEN LEFT({{column_name}}, 2)= '91' THEN 'India'
7            ELSE 'Unknown'
8
9        END as country
10   {% endmacro %}
```

Step 2. Update tabel stg_order_details
Gambar : query table stg_order_details

```
my_project > models > store > stg_order_details.sql
1    select
2        orders.order_date::timestamp as order_date
3        , order_details.quantity::int as quantity
4        , order_details.price as price
5        , brands.name as brand_name
6        , product.name as product_name
7        , {{ normalized_phone_number('orders.customer_phone') }} as customer_phone
8    from {{ source('store','order_details') }} as order_details
9    left join {{ source('store','orders') }} as orders
10       on order_details.order_id=orders.order_id
11   left join {{ source('store','products')}} as product
12       on order_details.product_id=product.product_id
13   left join {{ source('store','brands')}} as brands
14       on product.brand_id=brands.brand_id
```

Gambar : query table stg_order_details(int) dan buat colom country

```
my_project > models > store_analytics > 🗃 stg_order_details(int).sql
   1  ∨  select *
   2     |   , {{add_country_column('customer_phone')}}
   3     from {{ ref('stg_order_details')}}
```

Keterangan : untuk membuat colom country berdasarkan kolom customer_phone yang telah dinormalisasi, saya nenbuat dua table terpisah. 1 tabel di layer stg untuk menormalisasi kolom customer_phone . 1 tabel lainnya di layer int untuk membuat kolom country berdasarkan kolom customer_phone yang telah di normalisasi.

2. Buat table fct_per_country_daily_sales berdasarkan stg_order_details

```
my_project > models > marts > 🗃 fct_per_country_daily_sales.sql
   1   select
   2       country
   3       , order_date
   4       , sum(quantity) as total_quantity
   5       , sum(price) as total_revenue
   6   from {{ ref('stg_order_details(int)')}}
   7   group by country, order_date
```