1. Update stg_order_details, add the following columns:
   - customer_phone
   - normalized_customer_phone (use macro to normalize the phone number)
   - country (based on normalized_customer_phone)
      - If the phone number is started with 62, the country should be Indonesia
      - If the phone number is started with 91, the country should be India

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

Kita mengupdate stg_order_details dengan menambahkan customer_phone dan country, cutomer_phone dan country ditambahkan dengan menggunakan macro, macro membantu kita untuk membuat logic yang dapat digunakan berulang-ulang

```
my_project > macros > 🛢 normalize_phone_number.sql
 1   {% macro normalize_phone_number(column_name) %}
 2       case
 3           when left({{column_name}}, 1) = '+' then right({{column_name}}, length({{column_name}}) - 1)
 4           else {{column_name}}
 5       end
 6   {% endmacro %}
```

Query diatas adalah macro dari phone_number, macro tersebut berfungsi untuk menghapus tanda + dari phone_number

```
my_project > macros > 🛢 get_country.sql
 1   {% macro get_country(column_name) %}
 2       CASE
 3           WHEN {{column_name}} like '62%' THEN 'Indonesia'
 4           WHEN {{column_name}} like '91%' THEN 'India'
 5       END
 6   {% endmacro %}
 7
```

Query diatas adalah macro dari country, macro diatas berdasarkan dari kolom phone number, jika phone number yang diawali angka 62 maka country nya adalah indonesia dan jika phone number diawali dengan angka 91 maka country adalah india

2. Base on stg_order_details, make another model named fct_per_country_daily_sales containing per country daily sales:
    - country
    - order_date
    - total_quantity
    - total_revenue

```
my_project > models > store_analytics > 🗄 int_per_country_daily_sales.sql
1    select
2        details.country
3        , details.order_date
4        , sum(details.quantity) as total_quantity
5        , sum(details.price) as total_revenue
6    from {{ref('stg_order_details')}} as details
7    group by
8        details.country
9        , details.order_date
```

Sesuai dengan instruksi mentor pada task sebelumnya, saya terlebih dahulu membuat model int_per_country_daily_sales

```
my_project > models > mart > 🗄 fct_per_country_daily_sales.sql
1    select * from {{ref('int_per_country_daily_sales')}}
```

Kemudian saya baru membuat model fct_per_country_daily_sales

	country	order_date	total_quantity	total_revenue
212	[NULL]	2024-04-23 00:51:05.813	2	999.98
213	[NULL]	2024-04-27 05:49:05.169	9	6,299.91
214	[NULL]	2024-04-14 09:09:52.173	6	2,999.94
215	[NULL]	2024-04-24 08:28:41.960	5	3,499.95
216	[NULL]	2024-04-14 22:44:21.651	8	3,999.92
217	India	2024-04-17 17:08:39.977	9	7,199.91
218	India	2024-04-17 20:11:36.357	4	3,199.96
219	[NULL]	2024-04-18 23:30:46.441	2	999.98
220	[NULL]	2024-04-27 01:15:41.818	5	3,999.95
221	[NULL]	2024-04-24 00:04:59.010	10	4,999.9
222	Indonesia	2024-04-21 09:33:26.066	3	3,899.97
223	[NULL]	2024-04-14 07:39:29.854	2	999.98
224	India	2024-04-19 17:13:06.171	2	999.98
225	India	2024-04-19 23:59:10.728	1	799.99
226	India	2024-04-16 23:48:01.430	8	6,399.92
227	[NULL]	2024-04-28 08:29:04.075	2	999.98
228	India	2024-04-19 00:04:14.280	3	3,899.97
229	[NULL]	2024-04-15 17:28:21.121	6	7,799.94
230	[NULL]	2024-04-14 03:07:08.365	3	2,399.97
231	India	2024-04-19 17:30:45.161	9	6,299.91
232	[NULL]	2024-04-24 19:10:10.856	8	3,999.92
233	India	2024-04-16 22:37:08.578	3	1,499.97
234	India	2024-04-19 15:50:45.149	8	3,999.92
235	India	2024-04-19 23:25:53.825	9	4,499.91
236	[NULL]	2024-04-24 04:33:56.580	5	6,499.95
237	India	2024-04-17 06:11:23.671	8	5,599.92
238	[NULL]	2024-04-26 17:07:16.142	8	6,399.92
239	[NULL]	2024-04-22 06:29:11.236	5	2,499.95
240	India	2024-04-17 12:57:42.596	1	1,299.99
241	India	2024-04-16 03:15:36.330	9	4,499.91
242	[NULL]	2024-04-14 00:28:38.024	1	699.99

Berikut adalah hasil dari model fct_per_country_daily_sales di datawarehouse kita