

Nama : Kharisma Novi Chandramukti

Kelas/Batch : Data Engineering 4

Task

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

JAWAB :

```
int_order_details.sql U X
dbt-demo > my_project > models > _int > int_order_details.sql
1  select
2      details.order_detail_id
3      , details.order_id
4      , orders.order_date
5      , orders.customer_phone
6      , {{normalize_phone_number('orders.customer_phone')}} as normalized_phone
7      , case
8          when {{ normalize_phone_number('orders.customer_phone')}} like '62%' then 'INDONESIA'
9          when {{ normalize_phone_number('orders.customer_phone')}} like '91%' then 'INDIA'
10         else 'unkown'
11     end as country
12      , products.brand_id
13      , products.brand_name
14      , details.product_id
15      , products.product_name
16      , products.product_price
17      , details.order_qty
18      , details.unit_sales
19  from {{ ref('stg_order_details')}} as details
20  left join {{ref('int_orders')}} as orders
21      on details.order_id = orders.order_id
22  left join {{ ref('int_products')}} as products
23      on details.product_id = products.product_id
24
```

```

(.venv) rismanovic@LAPTOP-U6LIFQGI:~/unit2/dbt-demo/my_project$ dbt run
04:00:25 Running with dbt=1.7.0
04:00:25 Registered adapter: postgres=1.7.0
04:00:26 Found 13 models, 36 tests, 4 sources, 0 exposures, 0 metrics, 531 macros, 0 groups, 0 semantic models
04:00:26
04:00:26 Concurrency: 1 threads (target='dev')
04:00:26
04:00:26 1 of 13 START sql citus materialization model public_int.daily sales ..... [RUN]
04:00:26 1 of 13 OK created sql citus materialization model public_int.daily sales ..... [SELECT 1 in 0.26s]
04:00:26 2 of 13 START sql view model public_stg.stg_brands ..... [RUN]
04:00:26 2 of 13 OK created sql view model public_stg.stg_brands ..... [CREATE VIEW in 0.06s]
04:00:26 3 of 13 START sql citus materialization model public_stg.stg_materialization table [RUN]
04:00:26 3 of 13 OK created sql citus materialization model public_stg.stg_materialization table [SELECT 1 in 0.16s]
04:00:26 4 of 13 START sql view model public_stg.stg_order_details ..... [RUN]
04:00:26 4 of 13 OK created sql view model public_stg.stg_order_details ..... [CREATE VIEW in 0.05s]
04:00:26 5 of 13 START sql view model public_stg.stg_orders ..... [RUN]
04:00:26 5 of 13 OK created sql view model public_stg.stg_orders ..... [CREATE VIEW in 0.05s]
04:00:26 6 of 13 START sql view model public_stg.stg_products ..... [RUN]
04:00:26 6 of 13 OK created sql view model public_stg.stg_products ..... [CREATE VIEW in 0.05s]
04:00:26 7 of 13 START sql table model public_int.int_orders ..... [RUN]
04:00:26 7 of 13 OK created sql table model public_int.int_orders ..... [SELECT 470 in 0.05s]
04:00:26 8 of 13 START sql table model public_int.int_products ..... [RUN]
04:00:27 8 of 13 OK created sql table model public_int.int_products ..... [SELECT 4 in 0.05s]
04:00:27 9 of 13 START sql table model public_fct.fct_orders ..... [RUN]
04:00:27 9 of 13 OK created sql table model public_fct.fct_orders ..... [SELECT 470 in 0.05s]
04:00:27 10 of 13 START sql table model public_int.int_order_details ..... [RUN]
04:00:27 10 of 13 OK created sql table model public_int.int_order_details ..... [SELECT 470 in 0.05s]
04:00:27 11 of 13 START sql table model public_mart.mart_finance_orders ..... [RUN]
04:00:27 11 of 13 OK created sql table model public_mart.mart_finance_orders ..... [SELECT 235 in 0.05s]
04:00:27 12 of 13 START sql table model public_mart.mart_marketing_orders ..... [RUN]
04:00:27 12 of 13 OK created sql table model public_mart.mart_marketing_orders ..... [SELECT 235 in 0.05s]
04:00:27 13 of 13 START sql table model public_fct.fct_order_details ..... [RUN]
04:00:27 13 of 13 OK created sql table model public_fct.fct_order_details ..... [SELECT 470 in 0.05s]
04:00:27
04:00:27 Finished running 2 citus_materialization models, 4 view models, 7 table models in 0 hours 0 minutes and 1.27 seconds (1.27s).
04:00:27
04:00:27 Completed successfully
04:00:27
04:00:27 Done. PASS=13 WARN=0 ERROR=0 SKIP=0 TOTAL=13
(.venv) rismanovic@LAPTOP-U6LIFQGI:~/unit2/dbt-demo/my_project$

```

| order_detail_id | order_id | order_date | customer_phone | normalized_phone | country | brand_id | brand_name |
|-----------------|----------|-------------------------|----------------|------------------|---------|----------|------------|
| 1 | 1 | 2024-07-20 11:01:10.366 | +915434374993 | 915434374993 | INDIA | 3 | Sony |
| 2 | 2 | 2024-07-20 17:07:59.101 | +915434374993 | 915434374993 | INDIA | 2 | Samsung |
| 3 | 3 | 2024-07-20 04:33:58.572 | +915434374993 | 915434374993 | INDIA | 2 | Samsung |
| 4 | 4 | 2024-07-20 23:42:00.042 | +915434374993 | 915434374993 | INDIA | 2 | Samsung |
| 5 | 5 | 2024-07-20 08:16:15.402 | +915434374993 | 915434374993 | INDIA | 1 | Apple |
| 6 | 6 | 2024-07-20 20:43:09.599 | +915434374993 | 915434374993 | INDIA | 1 | Apple |
| 7 | 7 | 2024-07-20 01:21:09.605 | +915434374993 | 915434374993 | INDIA | 1 | Apple |
| 8 | 8 | 2024-07-20 15:11:23.502 | +915434374993 | 915434374993 | INDIA | 2 | Samsung |
| 9 | 9 | 2024-07-20 08:31:21.534 | +915434374993 | 915434374993 | INDIA | 1 | Apple |
| 10 | 10 | 2024-07-20 18:42:17.578 | +915434374993 | 915434374993 | INDIA | 2 | Samsung |
| 11 | 11 | 2024-07-20 12:00:10.938 | +915434374993 | 915434374993 | INDIA | 1 | Apple |
| 12 | 12 | 2024-07-20 07:39:15.059 | +915434374993 | 915434374993 | INDIA | 3 | Sony |
| 13 | 13 | 2024-07-20 16:35:58.370 | +915434374993 | 915434374993 | INDIA | 2 | Samsung |
| 14 | 14 | 2024-07-20 20:43:18.346 | +915434374993 | 915434374993 | INDIA | 3 | Sony |
| 15 | 15 | 2024-07-20 23:51:56.366 | +915434374993 | 915434374993 | INDIA | 1 | Apple |
| 16 | 16 | 2024-07-20 04:46:44.853 | +915434374993 | 915434374993 | INDIA | 1 | Apple |
| 17 | 17 | 2024-07-20 09:57:59.122 | +915434374993 | 915434374993 | INDIA | 3 | Sony |
| 18 | 18 | 2024-07-20 14:21:59.035 | +915434374993 | 915434374993 | INDIA | 2 | Samsung |
| 19 | 19 | 2024-07-20 03:31:09.199 | +915434374993 | 915434374993 | INDIA | 1 | Apple |
| 20 | 20 | 2024-07-20 23:00:37.212 | +915434374993 | 915434374993 | INDIA | 1 | Apple |
| 21 | 21 | 2024-07-20 16:19:36.005 | +915434374993 | 915434374993 | INDIA | 1 | Apple |
| 22 | 22 | 2024-07-20 20:40:52.405 | +915434374993 | 915434374993 | INDIA | 2 | Samsung |
| 23 | 23 | 2024-07-20 02:02:51.180 | +915434374993 | 915434374993 | INDIA | 3 | Sony |
| 24 | 24 | 2024-07-20 21:10:39.126 | +915434374993 | 915434374993 | INDIA | 1 | Apple |
| 25 | 25 | 2024-07-20 11:28:17.297 | +915434374993 | 915434374993 | INDIA | 2 | Samsung |
| 26 | 26 | 2024-07-20 04:00:46.696 | +915434374993 | 915434374993 | INDIA | 3 | Sony |
| 27 | 27 | 2024-07-20 18:38:40.636 | +915434374993 | 915434374993 | INDIA | 2 | Samsung |
| 28 | 28 | 2024-07-20 20:44:24.467 | +915434374993 | 915434374993 | INDIA | 1 | Apple |
| 29 | 29 | 2024-07-21 18:49:15.342 | +919133664523 | 919133664523 | INDIA | 1 | Apple |
| 30 | 30 | 2024-07-21 15:56:20.848 | +919133664523 | 919133664523 | INDIA | 2 | Samsung |

int_order_details

PropertiesDataER Diagram

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Enter a SQL expression to filter results (use Ctrl+Space)

| | order_detail_id | order_id | order_date | customer_phone | normalized_phone | country | brand_id | brand_name |
|-----|-----------------|----------|-------------------------|----------------|------------------|-----------|----------|------------|
| 92 | 92 | 92 | 2024-07-23 03:26:49.813 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 93 | 93 | 93 | 2024-07-23 09:11:14.049 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 94 | 94 | 94 | 2024-07-23 14:50:46.952 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 95 | 95 | 95 | 2024-07-23 07:44:48.340 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 96 | 96 | 96 | 2024-07-23 21:10:55.120 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 97 | 97 | 97 | 2024-07-23 06:56:09.308 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 98 | 98 | 98 | 2024-07-23 05:53:43.558 | +622600016209 | 622600016209 | INDONESIA | 3 | Sony |
| 99 | 99 | 99 | 2024-07-23 05:17:17.521 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 100 | 100 | 100 | 2024-07-23 22:49:04.072 | +622600016209 | 622600016209 | INDONESIA | 3 | Sony |
| 101 | 101 | 101 | 2024-07-23 21:17:21.824 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 102 | 102 | 102 | 2024-07-23 09:33:01.628 | +622600016209 | 622600016209 | INDONESIA | 3 | Sony |
| 103 | 103 | 103 | 2024-07-23 00:21:26.111 | +622600016209 | 622600016209 | INDONESIA | 2 | Samsung |
| 104 | 104 | 104 | 2024-07-23 22:42:48.755 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 105 | 105 | 105 | 2024-07-23 12:00:21.183 | +622600016209 | 622600016209 | INDONESIA | 3 | Sony |
| 106 | 106 | 106 | 2024-07-23 19:17:23.349 | +622600016209 | 622600016209 | INDONESIA | 3 | Sony |
| 107 | 107 | 107 | 2024-07-23 00:18:34.512 | +622600016209 | 622600016209 | INDONESIA | 3 | Sony |
| 108 | 108 | 108 | 2024-07-23 19:40:37.249 | +622600016209 | 622600016209 | INDONESIA | 3 | Sony |
| 109 | 109 | 109 | 2024-07-23 13:51:15.150 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 110 | 110 | 110 | 2024-07-23 02:49:31.946 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 111 | 111 | 111 | 2024-07-23 16:37:43.524 | +622600016209 | 622600016209 | INDONESIA | 2 | Samsung |
| 112 | 112 | 112 | 2024-07-23 08:09:17.302 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 113 | 113 | 113 | 2024-07-23 08:58:22.812 | +622600016209 | 622600016209 | INDONESIA | 3 | Sony |
| 114 | 114 | 114 | 2024-07-23 22:49:21.305 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 115 | 115 | 115 | 2024-07-23 12:03:49.521 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 116 | 116 | 116 | 2024-07-23 12:10:04.471 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 117 | 117 | 117 | 2024-07-23 19:07:49.034 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 118 | 118 | 118 | 2024-07-23 03:32:40.855 | +622600016209 | 622600016209 | INDONESIA | 1 | Apple |
| 119 | 119 | 119 | 2024-07-23 01:22:15.079 | +622600016209 | 622600016209 | INDONESIA | 3 | Sony |
| 120 | 120 | 120 | 2024-07-23 08:43:40.342 | +622600016209 | 622600016209 | INDONESIA | 2 | Samsung |
| 121 | 121 | 121 | 2024-07-23 01:33:52.186 | +622600016209 | 622600016209 | INDONESIA | 2 | Samsung |

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