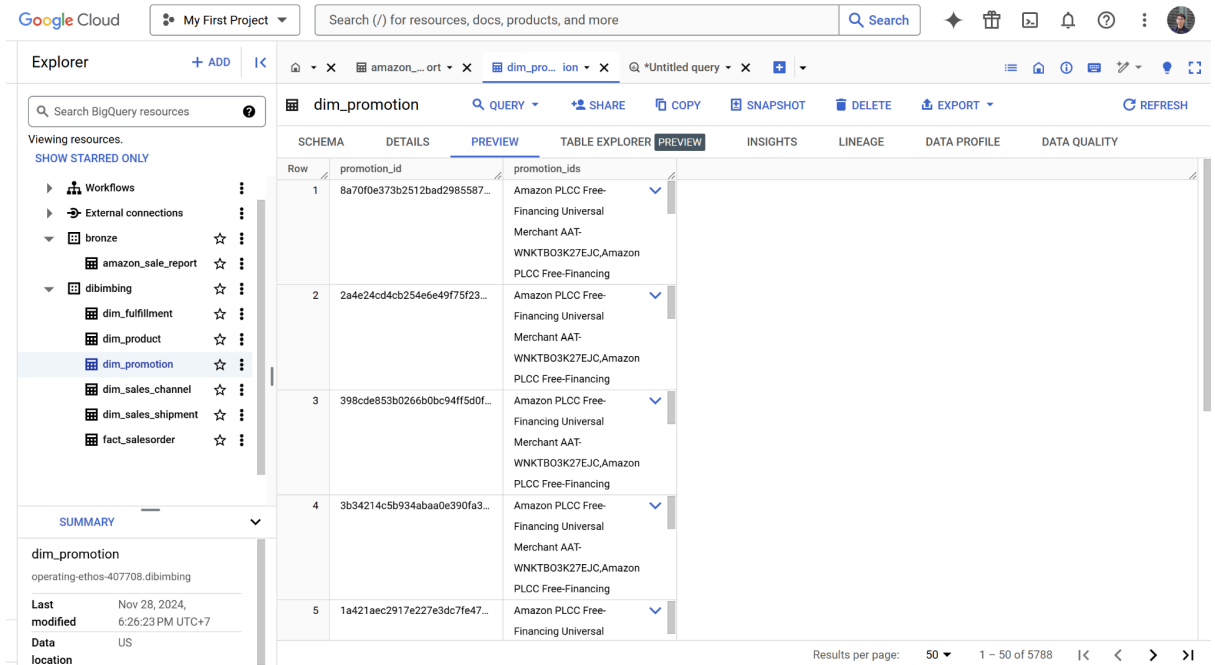


# REPORTING ASSIGNMENT

by : Ivan Manuel Wicaksono

Link Github : [https://github.com/ivanmnlw/hands-on\\_data-modelling](https://github.com/ivanmnlw/hands-on_data-modelling)

## 1. Build table promotion



Google Cloud My First Project Search (/) for resources, docs, products, and more Search

Explorer + ADD |< amazon\_... ort x dim\_pro... ion x \*Untitled query x

dim\_promotion QUERY SHARE COPY SNAPSHOT DELETE EXPORT REFRESH

SCHEMA DETAILS PREVIEW TABLE EXPLORER PREVIEW INSIGHTS LINEAGE DATA PROFILE DATA QUALITY

Row	promotion_id	promotion_ids
1	8a70f0e373b2512bad2985587...	Amazon PLCC Free-Financing Universal Merchant AAT-WNKT803K27EJC,Amazon PLCC Free-Financing
2	2a4e24cd4cb254e6e49f75f23...	Amazon PLCC Free-Financing Universal Merchant AAT-WNKT803K27EJC,Amazon PLCC Free-Financing
3	398cde853b0266b0bc94ff5d0f...	Amazon PLCC Free-Financing Universal Merchant AAT-WNKT803K27EJC,Amazon PLCC Free-Financing
4	3b34214c5b934abaa0e390fa3...	Amazon PLCC Free-Financing Universal Merchant AAT-WNKT803K27EJC,Amazon PLCC Free-Financing
5	1a421aec2917e227e3dc7fe47...	Amazon PLCC Free-Financing Universal

Results per page: 50 1 - 50 of 5788 |< < > >|

Viewing resources. SHOW STARRED ONLY

- Workflows
- External connections
- bronze
  - amazon\_sale\_report
- dibimbing
  - dim\_fulfillment
  - dim\_product
  - dim\_promotion
  - dim\_sales\_channel
  - dim\_sales\_shipment
  - fact\_salesorder

SUMMARY

dim\_promotion  
operating-ethos-407708.dibimbing

Last modified Nov 28, 2024, 6:26:23 PM UTC+7  
Data US  
location

```
-- dim_promotion
{{
  config(
    materialized='table'
  )
}}

With t_data AS (
  SELECT DISTINCT
    `promotion-ids` AS promotion_ids
  FROM
    {{ source('bronze', 'amazon_sale_report') }}
)

SELECT {{ dbt_utils.generate_surrogate_key([
  'promotion_ids'
]) }} as promotion_id, *
FROM t_data
```

## 2. Build Table Fulfillment

The screenshot displays the Google Cloud BigQuery interface. On the left, the 'Explorer' pane shows the project structure: 'Workflows', 'External connections', 'bronze' dataset containing 'amazon\_sale\_report', and the 'dibimbing' dataset containing 'dim\_fulfillment', 'dim\_product', 'dim\_promotion', 'dim\_sales\_channel', 'dim\_sales\_shipment', and 'fact\_salesorder'. The 'dim\_fulfillment' table is selected. Below the Explorer, a 'SUMMARY' section shows the table's details: 'dim\_fulfillment', 'operating-ethos-407708.dibimbing', 'Last modified: Nov 28, 2024, 4:36:35 PM UTC+7', 'Data: US', and 'location'. The main pane shows the 'PREVIEW' of the 'dim\_fulfillment' table with two rows of data.

Row	fulfillment_id	fulfillment	fulfilled_by
1	007d340a832692d077d863fcf...	Amazon	null
2	39b2275bdb098968954ab2b9...	Merchant	Easy Ship

Results per page: 50 1 - 2 of 2

```
-- dim_fulfillment
{{
  config(
    materialized='table'
  )
}}

With t_data AS (
SELECT DISTINCT
  Fulfilment AS fulfillment,
  `fulfilled-by` AS fulfilled_by
FROM
  {{ source('bronze', 'amazon_sale_report') }}
)

SELECT
  {{ dbt_utils.generate_surrogate_key([
    'fulfillment',
    'fulfilled_by'
  ]) }} AS fulfillment_id, *
FROM t_data
```

## 3. Build Table Product

Explorer

Search BigQuery resources

Showing resources.

SHOW STARRED ONLY

Workflows

External connections

bronze

amazon\_sale\_report

dibimbing

dim\_fulfillment

dim\_product

dim\_promotion

dim\_sales\_channel

dim\_sales\_shipment

fact\_salesorder

SUMMARY

dim\_product

operating-ethos-407708.dibimbing

Last

Nov 28, 2024,

modified

6:26:19 PM UTC+7

Data

US

location

amazon\_... ort

dim\_product

\*Untitled query

QUERY

SHARE

COPY

SNAPSHOT

DELETE

EXPORT

REFRESH

SCHEMA

DETAILS

PREVIEW

TABLE EXPLORER

INSIGHTS

LINEAGE

DATA PROFILE

DATA QUALITY

Row	product_id	style	sku	category	size
1	5088b4c3042be55e4841a054...	AN204	AN204-PURPLE-L	Bottom	L
2	e145cb64c5eceb228aedc3d96...	AN207	AN207-PINK-L	Bottom	L
3	1f9eb1a1b682401b92c4d6118...	AN208	AN208-MUSTARD-L	Bottom	L
4	7c561853e58f17b945d0e4c20...	AN211	AN211-BLACK-L	Bottom	L
5	e823121f64795e95112453a35...	AN212	AN212-WHITE-L	Bottom	L
6	a88d3ace3135c22f5a9e2b3e2...	AN213	AN213-BROWN-L	Bottom	L
7	8f66c432dafbc7b8a6c33f04b8...	BL087	BL087-L	Blouse	L
8	959a894a878a07e22ae20d73b...	BL099	BL099-L	Blouse	L
9	1cf52257307971c7d9c1f80d8...	BL102	BL102-L	Blouse	L
10	5abebe5e9f9f14d522b105559...	BL103	BL103-L	Blouse	L
11	efcc1309a3eb63527f17baa09...	BL104	BL104-L	Blouse	L
12	a2955334676d7eb062f9ddadd...	BL109	BL109-L	Blouse	L
13	9d4ed1d89fad35b9fadfca06f3...	BL110	BL110-L	Blouse	L
14	ce0ce6bf368b1e6104a259a5b...	BL111	BL111-L	Blouse	L
15	5d3a0388030f8d2761ec235ad...	BL113	BL113-L	Blouse	L
16	1ab9eece0fd267b40c19d977e...	CH202	CH202-ORANGE-L	Bottom	L
17	d2396c3a9aa8338fae19e3fad...	CH203	CH203-MAROON-L	Bottom	L
18	a7d362f9ed450b671ec20f56d...	CH204	CH204-PURPLE-L	Bottom	L
19	9d579b9b744a091a10bddd4f...	CH207	CH207-PINK-L	Bottom	L
20	9ff65bfb28921897e3e860701...	CH208	CH208-MUSTARD-L	Bottom	L
21	6d8ba64f378683ed2482526ef...	CH209	CH209-BIEGE-L	Bottom	L

Results per page: 50 1 - 50 of 7195

```
-- dim_product
{{
  config(
    materialized='table'
  )
}}

With t_data AS (
SELECT DISTINCT
  Style AS style,
  SKU AS sku,
  Category AS category,
  Size AS size,
FROM
  {{ source('bronze', 'amazon_sale_report') }}
)

SELECT {{ dbt_utils.generate_surrogate_key([
  'sku'
]) }} as product_id, *
FROM t_data
```

#### 4. Build Table Sales Shipment

Explorer

Search BigQuery resources

Viewing resources.

SHOW STARRED ONLY

Workflows

External connections

bronze

amazon\_sale\_report

dibimbing

dim\_fulfillment

dim\_product

dim\_promotion

dim\_sales\_channel

dim\_sales\_shipment

fact\_salesorder

SUMMARY

dim\_sales\_shipment

operating-etnos-407708.dibimbing

Last

Nov 28, 2024,

modified

6:26:31 PM UTC+7

Data

US

location

amazon...ort

dim\_sale...ent

\*Untitled query

dim\_sales\_shipment

QUERY

SHARE

COPY

SNAPSHOT

DELETE

EXPORT

REFRESH

SCHEMA

DETAILS

PREVIEW

TABLE EXPLORER

INSIGHTS

LINEAGE

DATA PROFILE

DATA QUALITY

Row	sales_shipment_id	ship_service_level	ship_city	ship_state	ship_postal_code	ship_country
1	d560c92268f01f33b8f04b05f3...	Expedited	ITANAGAR	AR	791113.0	IN
2	734b673e382b42db5ef97bc25...	Expedited	DIMAPUR	NL	797116.0	IN
3	f8c98ff28750f215ecfd4e3278...	Expedited	ZIRA	PB	142044.0	IN
4	a0e0e61e24a308dced50a25f5...	Standard	JAIPUR	RJ	302029.0	IN
5	27e4004e4fa5a9cd5fc26b33b...	Standard	JODHPUR	RJ	342009.0	IN
6	abb582c6b682b01ffa311d777...	Expedited	APO	APO	959121.0	IN
7	bccfe531b87e1ea5343671f81...	Standard	Goa	GOA	403110.0	IN
8	d15dfea39b334627f410f74877...	Expedited	BAGA	GOA	403516.0	IN
9	af81294ed15cdf100dbfacb5d3...	Expedited	ONDA	GOA	403530.0	IN
10	6f4e0d010b67117e4e52f24f0...	Standard	ONDA	GOA	403530.0	IN
11	ee892c4dd2e18a5cb5193e73b...	Expedited	RAIA	GOA	403720.0	IN
12	5d1102d97942b3b90284e2afa...	Standard	RAIA	GOA	403720.0	IN
13	6dcaa49c525fd844316c8e7c2...	Expedited	BORIM	GOA	403103.0	IN
14	8f15014f1de1d4c3c364b450c...	Standard	BORIM	GOA	403103.0	IN
15	86fb6313dc0a773807d949aff8...	Expedited	Colva	GOA	403708.0	IN
16	ca792e67a73c950bc433cb8b6...	Standard	Colva	GOA	403708.0	IN
17	1f73724732985e5891c6ca49a...	Expedited	Honda	GOA	403505.0	IN
18	3640f7a73ae99d017dfa2c9fa...	Expedited	Honda	GOA	403530.0	IN
19	b75891c8a67587c50bf8beec7...	Expedited	NUVEM	GOA	403713.0	IN
20	23b3d66fd53ed5d2367ccc13e...	Standard	NUVEM	GOA	403713.0	IN
21	c80d4dc71266c7e2461ahe0e9c...	Standard	NUVEM	GOA	403644.0	IN

Results per page: 50 1 - 50 of 24959

```

-- dim_sales_shipment
{{
  config(
    materialized='table'
  )
}}

With t_data AS (
SELECT DISTINCT
  `ship-service-level` AS ship_service_level,
  `ship-city` AS ship_city,
  `ship-state` AS ship_state,
  `ship-postal-code` AS ship_postal_code,
  `ship-country` AS ship_country
FROM
  {{ source('bronze', 'amazon_sale_report') }}
WHERE `ship-city` IS NOT NULL
)

SELECT {{ dbt_utils.generate_surrogate_key([
  'ship_service_level',
  'ship_city',
  'ship_state',
  'ship_postal_code',
  'ship_country'
]) }} as sales_shipment_id, *
FROM t_data

```

## 5. Build Table Sales Channel

Google Cloud My First Project Search (/) for resources, docs, products, and more Search

Explorer + ADD <

Search BigQuery resources

Viewing resources. SHOW STARRED ONLY

- Workflows
- External connections
- bronze
  - amazon\_sale\_report
- dim\_bimbling
  - dim\_fulfillment
  - dim\_product
  - dim\_promotion
  - dim\_sales\_channel**
  - dim\_sales\_shipment
  - fact\_salesorder

SUMMARY

dim\_sales\_channel  
operating-ethos-407708.dibimbling

Last modified	Nov 28, 2024, 6:26:28 PM UTC+7
Data location	US

dim\_sales\_channel QUERY SHARE COPY SNAPSHOT DELETE EXPORT REFRESH

Row	sales_channel_id	sales_channel
1	4f51cd3ba9dff2cf6b57a32372...	Amazon.in
2	480dca0c67a2f362b072205f5...	Non-Amazon

Results per page: 50 1 - 2 of 2 < > >|

```
-- dim_sales_channel
{{
  config(
    materialized='table'
  )
}}

With t_data AS (
SELECT DISTINCT
  `Sales Channel` AS sales_channel
FROM
  {{ source('bronze', 'amazon_sale_report') }}
)

SELECT {{ dbt_utils.generate_surrogate_key([
  'sales_channel'
]) }} as sales_channel_id, *
FROM t_data
```

## 6. Build Table Fact Sales Order

Explorer

Search BigQuery resources

Viewing resources.  
SHOW STARRED ONLY

Workflows

External connections

bronze

amazon\_sale\_report

dibimbing

dim\_fulfillment

dim\_product

dim\_promotion

dim\_sales\_channel

dim\_sales\_shipment

fact\_salesorder

SUMMARY

fact\_salesorder  
operating-ethos-407708.dibimbing  
Last modified Nov 28, 2024, 6:26:37 PM UTC+7  
Data US  
location

fact\_salesorder

QUERY SHARE COPY SNAPSHOT DELETE EXPORT REFRESH

SCHEMA

DETAILS

PREVIEW

TABLE EXPLORER

PREVIEW

INSIGHTS

LINEAGE

DATA PROFILE

DATA QUALITY

Row	order_id	date	status	product_id	fulfillment_id	promotion_id
1	408-3437785-2960360	2022-06-23	Shipped - Delivered to Buyer	2a2fb48071b4c4c25efd8eb7b...	39b2275bdb098968954ab2b9...	02d1f095d95c24...
2	408-5420898-5957963	2022-06-23	Shipped - Delivered to Buyer	6bf702a9e27f7a0e76e1dd0ec9...	39b2275bdb098968954ab2b9...	02d1f095d95c24...
3	408-3427536-9037101	2022-06-23	Shipped - Delivered to Buyer	c43c882b09424f473664d4850...	39b2275bdb098968954ab2b9...	02d1f095d95c24...
4	408-0526369-3850756	2022-06-23	Shipped - Delivered to Buyer	fb93015b356dbc5bd0f60b54c...	39b2275bdb098968954ab2b9...	02d1f095d95c24...
5	408-9235091-1157148	2022-06-23	Shipped - Delivered to Buyer	9c1cb85450ae1b27f7bced78ff...	39b2275bdb098968954ab2b9...	02d1f095d95c24...
6	408-7435198-2057138	2022-06-23	Shipped - Picked Up	6c8b7ef93b3e502f330de2bab0...	39b2275bdb098968954ab2b9...	02d1f095d95c24...
7	408-9970080-8725115	2022-04-07	Shipped - Delivered to Buyer	29d95a6dae43417f60cf1e1d4...	39b2275bdb098968954ab2b9...	04f19df2a3c0c2...
8	408-2525013-0531555	2022-04-07	Shipped - Delivered to Buyer	f2e6c143c99c305ac1f31271a...	39b2275bdb098968954ab2b9...	04f19df2a3c0c2...
9	408-7819804-3741113	2022-04-07	Shipped - Delivered to Buyer	cd3c3a52a4e2ba5f94d7e25c...	39b2275bdb098968954ab2b9...	04f19df2a3c0c2...
10	408-7438332-0705158	2022-04-07	Shipped - Delivered to Buyer	53d951ff305f2f5d522fb93000f...	39b2275bdb098968954ab2b9...	04f19df2a3c0c2...
11	408-3586716-5893950	2022-06-22	Shipped - Delivered to Buyer	2a2fb48071b4c4c25efd8eb7b...	39b2275bdb098968954ab2b9...	079ac3cad120a...
12	408-8959823-3157148	2022-06-22	Shipped - Delivered to Buyer	e3f995a994a7c15c1d7245af6...	39b2275bdb098968954ab2b9...	079ac3cad120a...
13	408-3256231-2559513	2022-06-18	Shipped - Delivered to Buyer	0ac345fe56e3e89b0c2d967b5...	39b2275bdb098968954ab2b9...	079ac3cad120a...
14	408-2324898-3425108	2022-06-18	Shipped - Delivered to Buyer	93a8b6dd0dc3f948574e48301...	39b2275bdb098968954ab2b9...	079ac3cad120a...
15	408-4665527-1776352	2022-06-20	Shipped - Delivered to Buyer	93be3003b2f1a5f9b5125cd57...	39b2275bdb098968954ab2b9...	079ac3cad120a...
16	408-4360051-1233968	2022-06-19	Shipped - Delivered to Buyer	1cf1a0c4dbd68e33a77d02e65...	39b2275bdb098968954ab2b9...	079ac3cad120a...
17	408-5236112-1992334	2022-06-20	Shipped - Delivered to Buyer	5db0db5352dbdd1c2a80e6de...	39b2275bdb098968954ab2b9...	079ac3cad120a...
18	408-5152096-7393106	2022-06-18	Shipped - Delivered to Buyer	bfcad0d1679ef08a7c50bb48a...	39b2275bdb098968954ab2b9...	079ac3cad120a...
19	408-9348210-6553905	2022-06-20	Shipped - Delivered to Buyer	da98c947d3e448c683d613afa...	39b2275bdb098968954ab2b9...	079ac3cad120a...
20	408-6357760-6064311	2022-06-19	Shipped - Delivered to Buyer	0b15d25e7fa529f13da9096047...	39b2275bdb098968954ab2b9...	079ac3cad120a...
21	408-7417084-1775046	2022-05-09	Shipped - Delivered to Buyer	d6207d7d9a964c7b7d1f61c5a...	39b2275bdb098968954ab2b9...	079ac3cad120a...

Results per page: 50 1 - 50 of 128968

Explorer

Search BigQuery resources

Viewing resources.  
SHOW STARRED ONLY

Workflows

External connections

bronze

amazon\_sale\_report

dibimbing

dim\_fulfillment

dim\_product

dim\_promotion

dim\_sales\_channel

dim\_sales\_shipment

fact\_salesorder

SUMMARY

fact\_salesorder  
operating-ethos-407708.dibimbing  
Last modified Nov 28, 2024, 6:26:37 PM UTC+7  
Data US  
location

fact\_salesorder

QUERY SHARE COPY SNAPSHOT DELETE EXPORT REFRESH

SCHEMA

DETAILS

PREVIEW

TABLE EXPLORER

PREVIEW

INSIGHTS

LINEAGE

DATA PROFILE

DATA QUALITY

Row	fulfillment_id	promotion_id	sales_shipment_id	sales_channel_id	qty	amount
1	39b2275bdb098968954ab2b9...	02d1f095d95c24380aa39414d...	0c11869ce3e72e947171fa123...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
2	39b2275bdb098968954ab2b9...	02d1f095d95c24380aa39414d...	40eaece80fb2c3a70a6221e13...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
3	39b2275bdb098968954ab2b9...	02d1f095d95c24380aa39414d...	acdac31ed0eb5a9c07afd857...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
4	39b2275bdb098968954ab2b9...	02d1f095d95c24380aa39414d...	c7adba5e2a6dd88b03eb9976c...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
5	39b2275bdb098968954ab2b9...	02d1f095d95c24380aa39414d...	2f6c358627a242da48b0643ea...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
6	39b2275bdb098968954ab2b9...	02d1f095d95c24380aa39414d...	a9f0f84f77a74e748481a6383...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
7	39b2275bdb098968954ab2b9...	04f19df2a3c0c2d830be02186...	d6787b586f77c440fcfb2fab91...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
8	39b2275bdb098968954ab2b9...	04f19df2a3c0c2d830be02186...	960bd76fedb491115e1a97431...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
9	39b2275bdb098968954ab2b9...	04f19df2a3c0c2d830be02186...	4e47b8d7d2b7f7d02b2f9d144d...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
10	39b2275bdb098968954ab2b9...	04f19df2a3c0c2d830be02186...	bc7f8740b9df3ec67ca83b6d5...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
11	39b2275bdb098968954ab2b9...	079ac3cad120a33873a667a16...	34ed24445eb8b692a7e7e1421...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
12	39b2275bdb098968954ab2b9...	079ac3cad120a33873a667a16...	684f7305af84c768e3c08ec2ce...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
13	39b2275bdb098968954ab2b9...	079ac3cad120a33873a667a16...	79bf2f8f3a06eb2f1db5ba823...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
14	39b2275bdb098968954ab2b9...	079ac3cad120a33873a667a16...	2e13e0aa605f530936f6314ef1...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
15	39b2275bdb098968954ab2b9...	079ac3cad120a33873a667a16...	780359082bfd51833ec072b51...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
16	39b2275bdb098968954ab2b9...	079ac3cad120a33873a667a16...	cd807bdda0201c5f6a689f667fa...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
17	39b2275bdb098968954ab2b9...	079ac3cad120a33873a667a16...	68ca6cbe942abd256cddf4aee...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
18	39b2275bdb098968954ab2b9...	079ac3cad120a33873a667a16...	33390e9f6e05fe8e98b0c6147...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
19	39b2275bdb098968954ab2b9...	079ac3cad120a33873a667a16...	48885b99898b7fda4c6aeece0e...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
20	39b2275bdb098968954ab2b9...	079ac3cad120a33873a667a16...	665478347d6c86e86649ea2a6...	4f51cd3ba9dff2cf6b57a32372...	1	0.0
21	39b2275bdb098968954ab2b9...	079ac3cad120a33873a667a16...	ae7f9d4b3faa13aa8f9c9a775a...	4f51cd3ba9dff2cf6b57a32372...	1	0.0

Results per page: 50 1 - 50 of 128968

```
-- fact_salesorder
{{
  config(
    materialized='table'
  )
}}

SELECT
  `Order ID` AS order_id,
  Date AS date,
  Status AS status,
  {{ dbt_utils.generate_surrogate_key([
```

```

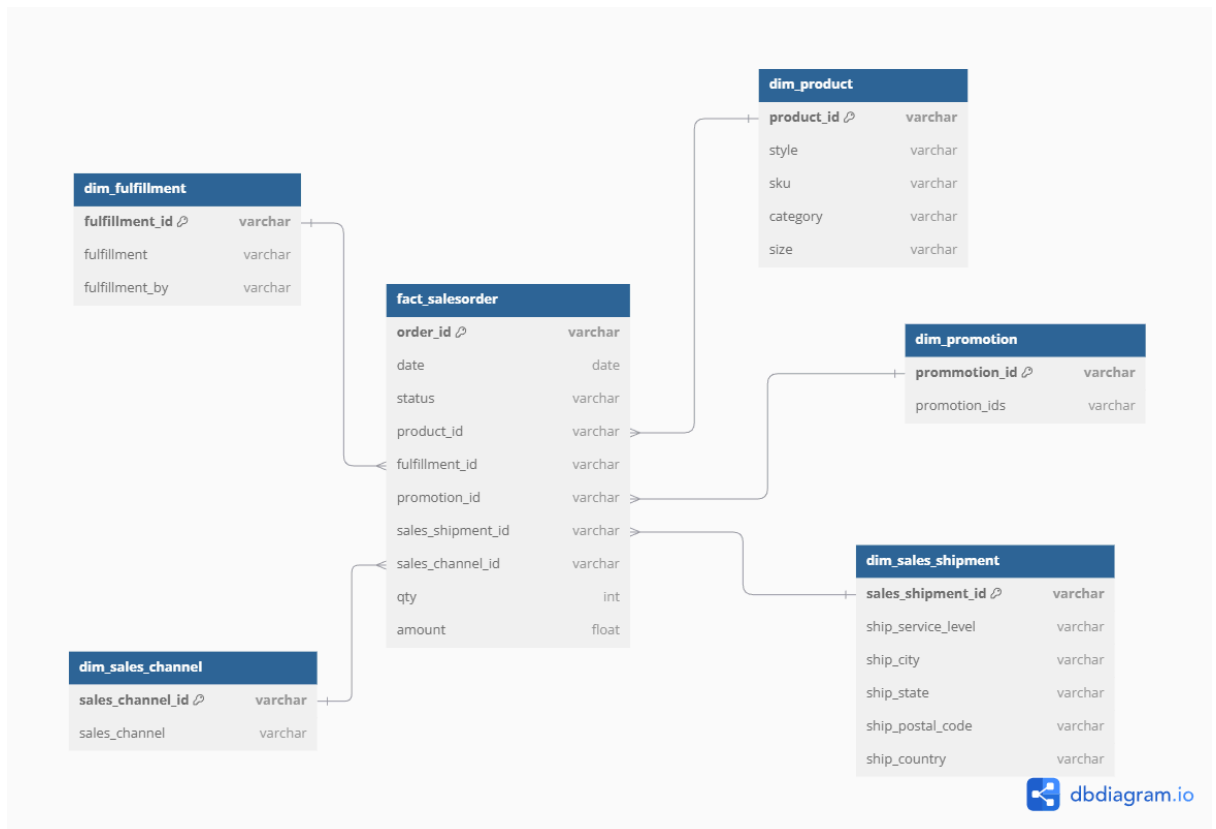
        'SKU'
    ]) }} as product_id,
    {{ dbt_utils.generate_surrogate_key([
        'Fulfilment',
        '`fulfilled-by`'
    ]) }} AS fulfillment_id,
    {{ dbt_utils.generate_surrogate_key([
        '`promotion-ids`'
    ]) }} as promotion_id,
    {{ dbt_utils.generate_surrogate_key([
        '`ship-service-level`',
        '`ship-city`',
        '`ship-state`',
        '`ship-postal-code`',
        '`ship-country`'
    ]) }} as sales_shipment_id,
    {{ dbt_utils.generate_surrogate_key([
        '`Sales Channel`'
    ]) }} as sales_channel_id,

    SUM(qty) AS qty,
    COALESCE(SUM(amount),0) AS amount,
FROM
    {{ source('bronze', 'amazon_sale_report') }}

GROUP BY ALL

```

## 7. Create ERD for Star Schema



```
// Use DBML to define your database structure
// Docs: https://dbml.dbdiagram.io/docs
```

```
Table fact_salesorder {
  order_id varchar [primary key]
  date date
  status varchar
  product_id varchar
  fulfillment_id varchar
  promotion_id varchar
  sales_shipment_id varchar
  sales_channel_id varchar
  qty int
  amount float
}

Table dim_fulfillment {
  fulfillment_id varchar [primary key]
  fulfillment varchar
  fulfillment_by varchar
}
```



```
Table dim_product {  
  product_id varchar [primary key]  
  style varchar  
  sku varchar  
  category varchar  
  size varchar  
}
```

```
Table dim_promotion {  
  prommotion_id varchar [primary key]  
  promotion_ids varchar  
}
```

```
Table dim_sales_channel {  
  sales_channel_id varchar [primary key]  
  sales_channel varchar  
}
```

```
Table dim_sales_shipment {  
  sales_shipment_id varchar [primary key]  
  ship_service_level varchar  
  ship_city varchar  
  ship_state varchar  
  ship_postal_code varchar  
  ship_country varchar  
}
```

Ref: fact\_salesorder.product\_id > dim\_product.product\_id

Ref: fact\_salesorder.fulfillment\_id > dim\_fulfillment.fulfillment\_id

Ref: fact\_salesorder.promotion\_id > dim\_promotion.prommotion\_id

Ref: fact\_salesorder.sales\_shipment\_id >  
dim\_sales\_shipment.sales\_shipment\_id

Ref: fact\_salesorder.sales\_channel\_id > dim\_sales\_channel.sales\_channel\_id

## 8. Analysis using Star Schema (Top Selling Product)

Google Cloud My First Project Search (/) for resources, docs, products, and more Search

Explorer + ADD <

Search BigQuery resources ?

Viewing resources. SHOW STARRED ONLY

- Workflows
- External connections
- bronze
  - amazon\_sale\_report
- dibimbing
  - dim\_fulfillment
  - dim\_product
  - dim\_promotion
  - dim\_sales\_channel
  - dim\_sales\_shipment
  - fact\_salesorder

SUMMARY

Nothing currently selected

amazon...\_ort x fact\_sale...\_der x \*Untitled query x

Untitled query RUN SAVE DOWNLOAD SHARE SCHEDULE OPEN IN MORE Query completed.

```
1 SELECT b.sku, SUM(amount) AS Total_Amount
2 FROM `operating-ethos-487708.dibimbing.fact_salesorder` a
3 JOIN `operating-ethos-487708.dibimbing.dim_product` b ON a.product_id = b.product_id
4 GROUP BY 1
5 ORDER BY 2 DESC
6 LIMIT 1
```

Query results SAVE RESULTS EXPLORE DATA

JOB INFORMATION RESULTS CHART JSON EXECUTION DETAILS EXECUTION GRAPH

Row	sku	Total_Amount
1	J0230-SKD-M	527699.2

Results per page: 50 1 - 1 of 1 < > >|