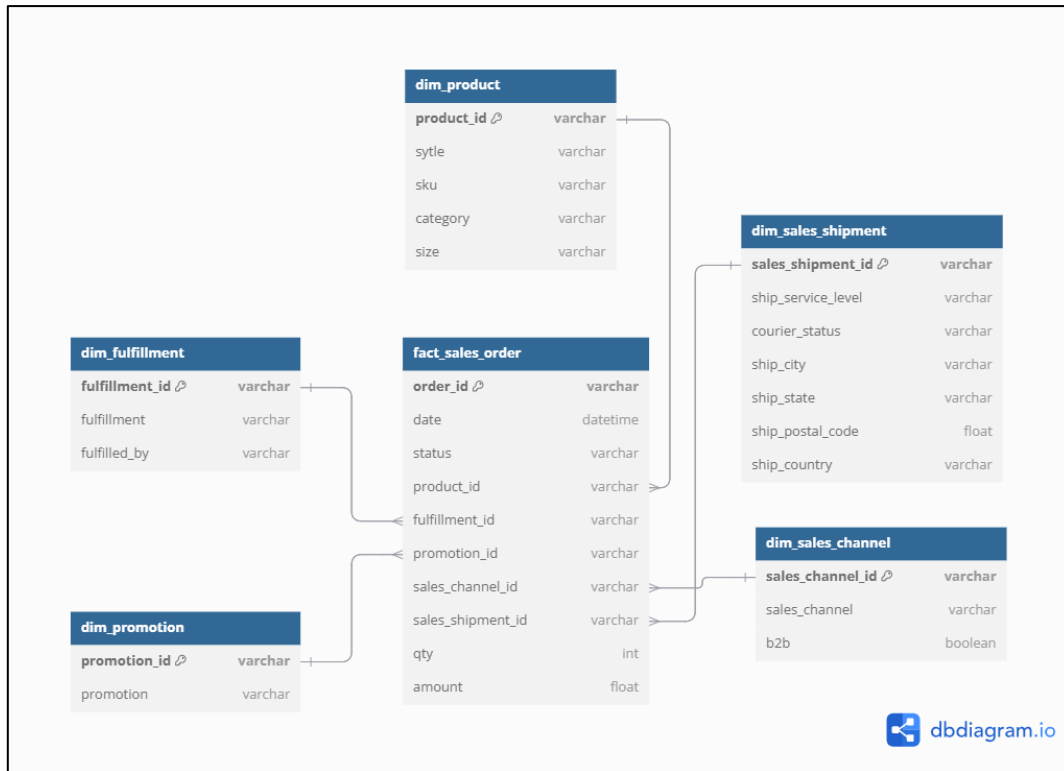


Nama : Malik Fajar Hidayatullah

DE 8

1. ERD schema



2. BigQuery table

- dim_product

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	7c561853e58f17b945dce4c20...	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

- dim_promotion

Search BigQuery resources

Viewing resources.

SHOW STARRED ONLY

- bronze
 - amazon_sale_report
- dibimbing
 - Brand
 - Bus
 - Customer
 - Driver
 - OrderItem
 - Package
 - TravelOrders
 - dim_fulfillment
 - dim_promotion**
 - dim_sales_channel

dim_promotion

QUERY SHARE

SCHEMA DETAILS PREVIEW TABLE EXPLORER

Row	promotion_id	promotion
1	7ccf13aecf91a049fa0b33bad1...	Amazon PLCC Free-Financing Universal Merchant AAT-WNKTB03K27EJC,Amazon PLCC Free-Financing
2	f4be846c0cfe8ea52541d6b2d...	Amazon PLCC Free-Financing Universal Merchant AAT-WNKTB03K27EJC,Amazon PLCC Free-Financing
3	fe46b84eaac3ad402eb4d0fbc...	Amazon PLCC Free-Financing Universal Merchant AAT-WNKTB03K27EJC,Amazon

- dim_fulfillment

Search BigQuery resources

Viewing resources.

SHOW STARRED ONLY

- bronze
 - amazon_sale_report
- dibimbing
 - Brand
 - Bus
 - Customer
 - Driver
 - OrderItem
 - Package
 - TravelOrders
 - dim_fulfillment**
 - dim_product
 - dim_promotion

dim_fulfillment

QUERY SHARE COPY SNAPSHOT

SCHEMA DETAILS PREVIEW TABLE EXPLORER PREVIEW INSIGHTS

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

- dim_sales_channel

Search BigQuery resources

Viewing resources.

SHOW STARRED ONLY

bronze

amazon_sale_report

dibimbing

Brand

Bus

Customer

Driver

OrderItem

Package

TravelOrders

dim_fulfillment

dim_product

dim_promotion

dim_sales_channel

dim_sales_ch...

QUERY

SHARE

COPY

<

SCHEMA

DETAILS

PREVIEW

TABLE EXPLORER

PREVIEW

Row	sales_channel_id	sales_channel	b2b
1	d19df3274fdc927cb0610eac7...	Amazon.in	false
2	5d428a8679fb7fac7989ed567...	Non-Amazon	false
3	abfb9f2b11742e540b5d3ac3b...	Amazon.in	true

- dim_sales_shipment

Search BigQuery resources

Viewing resources.

SHOW STARRED ONLY

Customer

☆

:

Driver

☆

:

OrderItem

☆

:

Package

☆

:

TravelOrders

☆

:

dim_fulfillment

☆

:

dim_product

☆

:

dim_promotion

☆

:

dim_sales_channel

☆

:

dim_sales_shipment

☆

:

fact_sales

☆

:

fact_sales_order

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:

dim_sales_shipment

QUERY

SHARE

COPY

SNAPSHOT

DELETE

EXPORT

REFRESH

SCHEMA

DETAILS

PREVIEW

TABLE EXPLORER

PREVIEW

INSIGHTS

LINEAGE

DATA PROFILE

DATA QUALITY

Row	sales_shipment_id	ship_service_level	courier_status	ship_city	ship_state	ship_postal_code	ship_country
1	92f475bc0821b474d4c2da14...	Standard	null	null	null	null	null
2	92f475bc0821b474d4c2da14...	Standard	Shipped	null	null	null	null
3	92f475bc0821b474d4c2da14...	Expedited	Cancelled	null	null	null	null
4	92f475bc0821b474d4c2da14...	Expedited	Shipped	null	null	null	null
5	92f475bc0821b474d4c2da14...	Expedited	Unshipped	null	null	null	null
6	842e7850f8940b464b16f1c69...	Expedited	Shipped	1	UTTARAKHAND	248001.0	IN
7	9f374cd5525f103c50c741d4a...	Expedited	Unshipped	T	MAHARASHTRA	421201.0	IN
8	8994eb45856fda87a0023d6db...	Expedited	Shipped	ALA	KERALA	680668.0	IN
9	e8028c0c2ded301c40683e760...	Expedited	Shipped	AMB	HIMACHAL PRADESH	174316.0	IN
10	1cb49bb3b559654e9ff3787c1...	Expedited	Cancelled	APO	APO	959121.0	IN
11	d9839a302a8871fac8e4d37ed...	Standard	Shipped	ARA	JHARKHAND	829134.0	IN
12	d9839a302a8871fac8e4d37ed...	Expedited	Shipped	ARA	JHARKHAND	829134.0	IN
13	f3f9972de2a81c26cbac47a21...	Standard	null	AUT	HIMACHAL PRADESH	175121.0	IN
14	f3f9972de2a81c26cbac47a21...	Expedited	Shipped	AUT	HIMACHAL PRADESH	175121.0	IN
15	6b4dc1066b9109f5071d5db38...	Standard	null	Amb	HIMACHAL PRADESH	177203.0	IN
16	851c04b09a104a0675b60c68...	Expedited	Shipped	Ara	JHARKHAND	829134.0	IN
17	9a4aef01ae6de6f7eb5ab77c3...	Expedited	Shipped	Ara	Bihar	802302.0	IN
18	0db09d1a9386d0bb25576fdec...	Standard	Shipped	BID	MAHARASHTRA	431122.0	IN

- fact_sales_order

[illegible]

3. Query analysis

- Top ordered product size

```
1  -- TOP ORDERED PRODUCT SIZE
2  SELECT
3      size,
4      count(1) AS total
5  FROM `just-palace-425914-i4.dibimbing.dim_product` AS pro
6  INNER JOIN `just-palace-425914-i4.dibimbing.fact_sales_order` AS ord
7  ON pro.product_id = ord.product_id
8  GROUP BY 1
9  ORDER BY 2 DESC
```

Query results

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS
Row	size ▾		total ▾		
1	M			22709	
2	L			22129	
3	XL			20875	
4	XXL			18096	
5	S			17090	
6	3XL			14815	

- Most cancelled product category

20	-- MOST CANCELLED PRODUCT CATEGORY
21	SELECT
22	category,
23	COUNT(1) AS total
24	FROM just-palace-425914-i4.dibimbing.fact_sales_order AS ord
25	INNER JOIN just-palace-425914-i4.dibimbing.dim_product AS pro
26	ON ord.product_id = pro.product_id
27	WHERE ord.status = 'Cancelled'
28	GROUP BY 1
29	ORDER BY 2 DESC
30	--
Query results	
<div> JOB INFORMATION RESULTS CHART JSON EXECUTION DE </div>	
Row	category total
1	Set 7336
2	kurta 7253
3	Western Dress 2122
4	Top 1276
5	Ethnic Dress 145
6	Blouse 116

- Order city demography

43	
44	-- ORDER CITY DEMOGRAPHY
45	SELECT
46	ship_city,
47	COUNT(1) AS total
48	FROM just-palace-425914-i4.dibimbing.fact_sales_order AS ord
49	INNER JOIN just-palace-425914-i4.dibimbing.dim_sales_shipment AS shi
50	ON ord.sales_shipment_id = shi.sales_shipment_id
51	GROUP BY 1
52	ORDER BY 2 DESC
53	
Query results	
<div> JOB INFORMATION RESULTS CHART JSON EXECUTION DETAILS </div>	
Row	ship_city total
1	BENGALURU 58706
2	HYDERABAD 44406
3	NEW DELHI 30840
4	MUMBAI 30480
5	CHENNAI 25421
6	PUNE 10362

- Top order traffic by month

```

86 -- TOP ORDER TRAFFIC BY MONTH
87 SELECT
88   CASE EXTRACT(MONTH FROM date)
89     WHEN 3 THEN 'March'
90     WHEN 4 THEN 'April'
91     WHEN 5 THEN 'May'
92     WHEN 6 THEN 'June'
93     END
94   AS month,
95   COUNT(1) AS total_order
96 FROM `just-palace-425914-i4.dibimbing.fact_sales_order` AS ord
97 GROUP BY 1
98 ORDER BY 2 DESC

```

Query results

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION
Row	month ▼	total_order ▼			
1	April	49065			
2	May	42036			
3	June	37696			
4	March	171			