

Exercise SQL

Berikut dataset yang akan digunakan:

1. [order_detail](#)
2. [sku_detail](#)
3. [customer_detail](#)
4. [payment_detail](#)

Data yang digunakan adalah data yang berasal dari Kaggle: [Pakistan's Largest E-Commerce Dataset](#) dengan beberapa perubahan untuk dapat memudahkan dalam praktik dengan menggunakan sql. Harga yang tertera sudah dikonversi 1 Rupee sama dengan Rp 58. Mengenai penjelasan dataset adalah sebagai berikut:

order_detail:

- | | |
|--------------------|--|
| 1. id | → angka unik dari order / <i>id_order</i> |
| 2. customer_id | → angka unik dari pelanggan |
| 3. order_date | → tanggal saat dilakukan transaksi |
| 4. sku_id | → angka unik dari produk (sku adalah <i>stock keeping unit</i>) |
| 5. price | → harga yang tertera pada tagging harga |
| 6. qty_ordered | → jumlah barang yang dibeli oleh pelanggan |
| 7. before_discount | → nilai harga total dari produk ($price * qty_ordered$) |
| 8. discount_amount | → nilai diskon product total |
| 9. after_discount | → nilai harga total produk ketika sudah dikurangi dengan diskon |
| 10. is_gross | → menunjukkan pelanggan belum membayar pesanan |
| 11. is_valid | → menunjukkan pelanggan sudah melakukan pembayaran |
| 12. is_net | → menunjukkan transaksi sudah selesai |
| 13. payment_id | → angka unik dari metode pembayaran |

sku_detail:

- | | |
|---------------|---|
| 1. id | → angka unik dari produk (dapat digunakan untuk <i>key</i> saat join) |
| 2. sku_name | → nama dari produk |
| 3. base_price | → harga barang yang tertera pada tagging harga / <i>price</i> |
| 4. cogs | → <i>cost of goods sold</i> / total biaya untuk menjual 1 produk |
| 5. category | → kategori produk |

customer_detail:

- | | |
|--------------------|---|
| 1. id | → angka unik dari pelanggan |
| 2. registered_date | → tanggal pelanggan mulai mendaftarkan diri sebagai anggota |

Payment_detail:

- | | |
|-------------------|-------------------------------------|
| 1. id | → angka unik dari metode pembayaran |
| 2. payment_method | → metode pembayaran yang digunakan |

	Data Output	Messages	Notifications
	<div> <div>☰</div> <div>📄</div> <div>▼</div> <div>📋</div> <div>🗑️</div> <div>🗄️</div> <div>⬇️</div> <div>📈</div> </div>		
	<div>bulan_transaksi_2021</div> <div>numeric</div> <div>🔒</div>		<div>total_customer_2021</div> <div>numeric</div> <div>🔒</div>
1		11	20013

- **Total order (unique)**

```

18
19 select distinct Bulan_transaksi_2021, sum(total_order) as total_order_2021 from
20 (select order_date, extract(month from order_date) as Bulan_transaksi_2021, count(distinct id)
21 as total_order from order_detail
22 where is_valid = 1 and extract(year from order_date) = '2021'
23 group by order_date
24 order by total_order desc) as nt group by Bulan_transaksi_2021 order by total_order_2021 desc
25

```

Data Output			Messages	Notifications
	bulan_transaksi_2021 numeric		total_order_2021 numeric	
1		11	22414	

- **Total jumlah kuantitas produk**

```

27 select distinct Bulan_transaksi_2021, sum(total_qty) as total_qty_2021 from
28 (select order_date, extract(month from order_date) as Bulan_transaksi_2021, sum(qty_ordered)
29 as total_qty from order_detail
30 where is_valid = 1 and extract(year from order_date) = '2021'
31 group by order_date |
32 order by total_qty desc) as nt group by Bulan_transaksi_2021 order by total_qty_2021 desc

```

Data Output			Messages	Notifications
	bulan_transaksi_2021 numeric		total_qty_2021 numeric	
1		11	47385	

Untuk **total jumlah pelanggan (unique)**, **total order (unique)**, dan **total jumlah kuantitas produk** paling banyak terjadi pada bulan **November**









Nomor 3

Q: Selama transaksi yang terjadi selama 2022, kategori apa yang menghasilkan nilai transaksi paling besar? Gunakan **is_valid = 1** untuk memfilter data transaksi.

Source table: `order_detail`, `sku_detail`

Jawab:

```
15 select distinct category, sum(total_transaksi) as transaksi_2022
16 from (select category, sum(after_discount) as total_transaksi
17       from (select o.order_date, o.is_valid, o.after_discount, s.category from
18             order_detail o
19             left join sku_detail s on o.sku_id = s.id) as nt
20       where is_valid = 1 and extract(year from order_date) = '2022' group by order_date,
21       category order by total_transaksi desc)
22 as a group by category order by transaksi_2022 desc
```

Data Output	Messages	Notifications
       		
	category text	transaksi_2022 double precision
1	Mobiles & Tablets	8556323756.619998

Nomor 4

Q: Bandingkan nilai transaksi dari masing-masing kategori pada tahun 2021 dengan 2022. Sebutkan kategori apa saja yang mengalami peningkatan dan kategori apa yang mengalami penurunan nilai transaksi dari tahun 2021 ke 2022. Gunakan **is_valid = 1** untuk memfilter data transaksi.

Source table: `order_detail`, `sku_detail`

Jawab:

- Pada tahun 2021

```
14
15 select distinct category, sum(total_transaksi) as transaksi_2021
16 from (select category, sum(after_discount) as total_transaksi
17       from (select o.order_date, o.is_valid, o.after_discount, s.category from
18             order_detail o
19             left join sku_detail s on o.sku_id = s.id) as nt
20       where is_valid = 1 and extract(year from order_date) = '2021' group by order_date,
21       category order by total_transaksi desc)
22 as a group by category order by transaksi_2021 desc
```

Data Output Messages Notifications		
	category text	transaksi_2021 double precision
1	Mobiles & Tablets	6309553768.4
2	Appliances	1971541230.4399998
3	Entertainment	1224956504.3400002
4	Men Fashion	991653116.7400001
5	Women Fashion	621113391.64
6	Computing	487602682.4
7	Beauty & Grooming	353969384.93999994
8	Home & Living	306034894.02
9	Soghaat	225961732.52
10	Superstore	220967051.49999997
11	Health & Sports	187743235.71999994
12	Others	171613711.80000004
13	Kids & Baby	101165297.08000003
14	School & Education	28808674.82
15	Books	21991530.560000002

- Pada tahun 2022

```

15 select distinct category, sum(total_transaksi) as transaksi_2022
16 from (select category, sum(after_discount) as total_transaksi
17       from (select o.order_date, o.is_valid, o.after_discount, s.category from
18             order_detail o
19             left join sku_detail s on o.sku_id = s.id) as nt
20       where is_valid = 1 and extract(year from order_date) = '2022' group by order_date,
21       category order by total_transaksi desc)
22 as a group by category order by transaksi_2022 desc

```

Query Query History		
Data Output Messages Notifications		
	category text	transaksi_2022 double precision
1	Mobiles & Tablets	8556323756.619998
2	Appliances	2265213374.5799985
3	Entertainment	1688656686.0999997
4	Women Fashion	1676060313.3799996
5	Men Fashion	990800832.8400002
6	Computing	547579973.7400001
7	Superstore	435047343.0800001
8	Beauty & Grooming	394193739.2399999
9	Home & Living	313040277.8600001
10	Health & Sports	224672234.18
11	Soghaat	153669297.70000002
12	Kids & Baby	142530947.54000002
13	Others	74523562.00000001
14	School & Education	32458049.32
15	Books	11255821.620000001

Kategori yang mengalami peningkatan =

- Mobiles & Tablets
- Appliances
- Entertainment
- Women Fashion
- Computing
- Beauty & Grooming
- Home & Living
- Superstore
- Health & Sports
- Kids & Baby
- School & Education

Kategori yang mengalami penurunan =

- Men Fashion
- Soghaat
- Others
- Books

Nomor 5

Q: Tampilkan Top 10 sku_name (beserta kategorinya) berdasarkan nilai transaksi yang terjadi selama tahun 2022. Tampilkan juga total jumlah pelanggan (*unique*), total order (*unique*) dan total jumlah kuantitas. Gunakan **is_valid = 1** untuk memfilter data transaksi.

Source table: `order_detail`, `sku_detail`

Jawab:

- **Versi 1**

```
Query  Query History
36
37 select distinct sku as Sku_name, ca as Category, sum(total_transaksi) as transaksi_2022,
38 sum(cust) as customer, sum(order_id) as id_order, sum(Kuantitas) as quantity
39 from (select distinct sku_name as sku, category as ca, sum(after_discount) as total_transaksi,
40      count(distinct customer_id) as cust, count(distinct id) as order_id, sum(qty_ordered) as Kuantitas
41      from (select o.order_date, o.customer_id, o.id, o.is_valid, o.after_discount, o.qty_ordered,
42              s.category, s.sku_name from order_detail o
43              left join sku_detail s on o.sku_id = s.id) as nt
44      where is_valid = 1 and extract(year from order_date) = '2022' group by
45      sku, ca order by total_transaksi desc) as nt2
46 group by Sku_name, Category order by transaksi_2022 desc limit 10
```

Data Output Messages Notifications						
	sku_name text	category text	transaksi_2022 double precision	customer numeric	id_order numeric	quantity numeric
1	IDROID_BALRX7-Gold	Mobiles & Tablets	865224543.8999999	286	490	1632
2	IDROID_BALRX7-Jet black	Mobiles & Tablets	525626251.05999994	14	15	1014
3	infinix_Zero 4-Grey	Mobiles & Tablets	443381130.5	158	233	334
4	IDROID_BALRX7-Jet black	Mobiles & Tablets	298041331.7	306	427	542
5	iphone-7-32gb-wof-Matt Black	Mobiles & Tablets	289575962	33	48	60
6	Infinix Hot 4-Black	Mobiles & Tablets	278470817.4199999	212	266	396
7	Infinix Hot 4-Gold	Mobiles & Tablets	272945142.91999966	173	244	391
8	AYS_32B8500-32-Inches	Entertainment	192536626	170	188	199
9	closecomfort_PC8	Appliances	169312440	81	103	105
10	Haier_HSU-18-HNF	Appliances	149577215	44	46	49

- Versi 2

Query Query History	
24	
25	<code>select distinct boths as Sku_name_and_Category, sum(total_transaksi) as transaksi_2022,</code>
26	<code>sum(cust) as customer, sum(order_id) as id_order, sum(Kuantitas) as quantity</code>
27	<code>from (select distinct concat(sku_name, category) as boths, sum(after_discount) as total_transaksi,</code>
28	<code>count(distinct customer_id) as cust, count(distinct id) as order_id, sum(qty_ordered) as Kuantitas</code>
29	<code>from (select o.order_date, o.customer_id, o.id, o.is_valid, o.after_discount, o.qty_ordered,</code>
30	<code>s.category, s.sku_name from order_detail o</code>
31	<code>left join sku_detail s on o.sku_id = s.id) as nt</code>
32	<code>where is_valid = 1 and extract(year from order_date) = '2022' group by</code>
33	<code>boths order by total_transaksi desc) as nt2</code>
34	<code>group by Sku_name_and_Category order by transaksi_2022 desc limit 10</code>
35	

Query Query History

Data Output Messages Notifications

	sku_name_and_category text	transaksi_2022 double precision	customer numeric	id_order numeric	quantity numeric
1	IDROID_BALRX7-GoldMobiles & Tablets	865224543.9	286	490	1632
2	IDROID_BALRX7-Jet blackMobiles & Tablets	525626251.05999994	14	15	1014
3	infinix_Zero 4-GreyMobiles & Tablets	443381130.5	158	233	334
4	IDROID_BALRX7-Jet black Mobiles & Tablets	298041331.7	306	427	542
5	iphone-7-32gb-wof-Matt BlackMobiles & Tablets	289575962	33	48	60
6	Infinix Hot 4-BlackMobiles & Tablets	278470817.4199997	212	266	396
7	Infinix Hot 4-GoldMobiles & Tablets	272945142.9199999	173	244	391
8	AYS_32B8500-32-InchesEntertainment	192536626	170	188	199
9	closecomfort_PC8Appliances	169312440	81	103	105
10	Haier_HSU-18-HNFAppliances	149577215	44	46	49

Nomor 6

Q: Tampilkan top 5 metode pembayaran yang paling populer digunakan selama 2022 (berdasarkan total unique order). Gunakan **is_valid = 1** untuk memfilter data transaksi.

Source table: `order_detail`, `payment_method`

Jawab:

```
51
52 select count(distinct a) as jumlah_id, payment_method
53 from (select o.id as a, o.order_date, o.is_valid, p.payment_method
54 from order_detail o left join payment_detail p on o.payment_id = p.id) as nt where is_valid = 1 and
55 Extract(year from order_date) = '2022' group by payment_method order by jumlah_id desc limit 5
56
```

	jumlah_id bigint	payment_method text
1	42609	cod
2	5341	Payaxis
3	1443	Easypay
4	1378	customercredit
5	1368	jazzwallet

Nomor 7

Q: Urutkan dari ke-5 produk ini berdasarkan nilai transaksinya.

1. Samsung
2. Apple
3. Sony
4. Huawei
5. Lenovo

Gunakan **is_valid = 1** untuk memfilter data transaksi.

Source table: `order_detail`, `sku_detail`

Jawab:










```
2
3 select sum(jumlah_transaksi) as total_transaksi_samsung
4 from (select distinct id as order_id, sku_name, sum(after_discount) as jumlah_transaksi
5 from (select o.order_date, o.customer_id, o.id, o.is_valid, o.after_discount, o.qty_ordered,
6 s.category, s.sku_name from order_detail o
7 left join sku_detail s on o.sku_id = s.id) as nt where sku_name like '%Samsung%'
8 and category = 'Mobiles & Tablets' and is_valid = 1 group by sku_name, order_id
9 order by jumlah_transaksi desc) as nt2
10
11 select sum(jumlah_transaksi) as total_transaksi_apple
12 from (select distinct id as order_id, sku_name, sum(after_discount) as jumlah_transaksi
13 from (select o.order_date, o.customer_id, o.id, o.is_valid, o.after_discount, o.qty_ordered,
14 s.category, s.sku_name from order_detail o
15 left join sku_detail s on o.sku_id = s.id) as nt where sku_name like '%Apple%' or sku_name like '%iphone%'
16 and category = 'Mobiles & Tablets' and is_valid = 1 group by sku_name, order_id
17 order by jumlah_transaksi desc) as nt2
18
```


Query Query History










```
17 select sum(jumlah_transaksi) as total_transaksi_sony
18 from (select distinct id as order_id, sku_name, sum(after_discount) as jumlah_transaksi
19       from(select o.order_date, o.customer_id, o.id, o.is_valid, o.after_discount, o.qty_ordered,
20 s.category, s.sku_name from order_detail o
21 left join sku_detail s on o.sku_id = s.id) as nt where sku_name like '%Sony%'
22       and category = 'Mobiles & Tablets' and is_valid = 1 group by sku_name, order_id
23 order by jumlah_transaksi desc) as nt2
24
25 select sum(jumlah_transaksi) as total_transaksi_huawei
26 from (select distinct id as order_id, sku_name, sum(after_discount) as jumlah_transaksi
27       from(select o.order_date, o.customer_id, o.id, o.is_valid, o.after_discount, o.qty_ordered,
28 s.category, s.sku_name from order_detail o
29 left join sku_detail s on o.sku_id = s.id) as nt where sku_name like '%Huawei%'
30       and category = 'Mobiles & Tablets' and is_valid = 1 group by sku_name, order_id
31 order by jumlah_transaksi desc) as nt2
32
```

```
33
34 select sum(jumlah_transaksi) as total_transaksi_lenovo
35 from (select distinct id as order_id, sku_name, sum(after_discount) as jumlah_transaksi
36       from(select o.order_date, o.customer_id, o.id, o.is_valid, o.after_discount, o.qty_ordered,
37 s.category, s.sku_name from order_detail o
38 left join sku_detail s on o.sku_id = s.id) as nt where sku_name like '%Lenovo%'
39       and category = 'Mobiles & Tablets' and is_valid = 1 group by sku_name, order_id
40 order by jumlah_transaksi desc) as nt2
```










Data Output Messages Notifications

       	total_transaksi_samsung double precision 
1	1715228695.3200002










Data Output Messages Notifications

       	total_transaksi_apple double precision 
1	3048031248.7799993

Data Output Messages Notifications

       	total_transaksi_sony double precision 
1	249400

Data Output Messages Notifications

       	total_transaksi_huawei double precision 
1	665064080.6399992

Data Output	Messages	Notifications
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	<div>total_transaksi_lenovo</div> <div>double precision</div> <div></div>	
1	182551648.76	

Urutan dari ke - 5 produk berdasarkan nilai transaksi yang diperoleh :

1. Apple
2. Samsung
3. Huawei
4. Lenovo
5. Sony

Nomor 8

Q: Seperti pertanyaan no. 3, buatlah perbandingan dari nilai profit tahun 2021 dan 2022 pada tiap kategori. Kemudian buatlah selisih % perbedaan profit antara 2021 dengan 2022 (profit = after_discount - (cogs*qty_ordered))

Gunakan **is_valid = 1** untuk memfilter data transaksi.

Source table: **order_detail**, **sku_detail**

Jawab:

```

54
55 select ca as category, total_profit_2021, total_profit_2022, (total_profit_2022 - total_profit_2021)/total_profit_2021
56 as perbedaan_profit from (select category as ca, sum(profit) as total_profit_2021
57 from (select order_date, category, (after_discount - (cogs*qty_ordered)) as profit
58 from (select o.order_date, o.is_valid, o.after_discount, o.qty_ordered, s.category, s.cogs
59      from order_detail o left join sku_detail s on o.sku_id = s.id)
60 as nt where is_valid = 1 and extract(year from order_date) = '2021') as nt2 group by ca
61 order by total_profit_2021 desc ) as subquery1
62 Join (select category, sum(profit) as total_profit_2022
63 from (select order_date, category, (after_discount - (cogs*qty_ordered)) as profit
64 from (select o.order_date, o.is_valid, o.after_discount, o.qty_ordered, s.category, s.cogs
65      from order_detail o left join sku_detail s on o.sku_id = s.id)
66 as nt where is_valid = 1 and extract(year from order_date) = '2022') as nt2 group by category
67 order by total_profit_2022 desc ) as subquery2 on subquery1.ca = subquery2.category
68 order by perbedaan_profit desc

```

Data Output

Messages

Notifications

	category text	total_profit_2021 double precision	total_profit_2022 double precision	perbedaan_profit double precision	
1	Women Fashion	129540655.63999991	345456561.3800001	1.6667810169190551	
2	Superstore	28866179.499999925	71091137.07999998	1.462783032302566	
3	Computing	81856374.4	117411141.73999995	0.4343555111084903	
4	Entertainment	185811916.3400001	265278570.10000002	0.42767253750610495	
5	Appliances	355859880.43999994	431194678.5799998	0.2116979246068784	
6	Mobiles & Tablets	1396877440.400001	1652332906.6199965	0.18287607690682217	
7	Health & Sports	40445159.71999994	47521558.18000001	0.1749628017045714	
8	School & Education	7210286.82	7934837.319999998	0.10048844353739567	
9	Home & Living	55279202.01999996	59669887.85999999	0.07942744611999732	
10	Beauty & Grooming	70582138.94000006	75062659.24000002	0.06347951999313502	
11	Kids & Baby	23428535.08	19504769.53999999	-0.1674780572751033	
12	Men Fashion	226619892.74	182533480.83999962	-0.1945390202376476	
13	Others	17792955.79999996	13834449.99999998	-0.22247600929801503	
14	Soghaat	44221632.519999996	31300607.699999973	-0.29218787465967627	
15	Books	6102372.5600000005	2651115.62	-0.5655598549689336	

Nomor 9

Q: Tampilkan top 5 SKU dengan kontribusi profit paling tinggi di tahun 2022 berdasarkan kategori paling besar pertumbuhan profit dari 2021 ke 2022 (berdasarkan hasil no 8).

Gunakan **is_valid = 1** untuk memfilter data transaksi.

Source table: **order_detail**, **sku_detail**

Jawab:

```
72 select sku_name, sum(profit) as total_profit from(
73 select Extract(year from order_date), sku_name, category, (after_discount - (cogs*qty_ordered)) as profit
74 from (select o.order_date, o.is_valid, o.after_discount, o.qty_ordered, s.category, s.cogs, s.sku_name
75      from order_detail o left join sku_detail s on o.sku_id = s.id) as nt where is_valid = 1
76      and extract(year from order_date) = '2022' and category = 'Women Fashion' order by profit desc) as nt group by sku_name
77 order by total_profit desc limit 5
78
79
```

Data Output Messages Notifications

	sku_name text	total_profit double precision
1	sanasafinaz_SS-3A	3498908
2	sanasafinaz_SS-9B	3153692
3	sanasafinaz_SS-13A	3013622
4	sanasafinaz_SS-5B	2902320
5	sanasafinaz_SS-10A	2871696

Nomor 10

Q: Tampilkan jumlah unique order yang menggunakan top 5 metode pembayaran (soal no 6) berdasarkan kategori produk selama tahun 2022.

Gunakan **is_valid = 1** untuk memfilter data transaksi.

Source table: **order_detail**, **sku_detail**

Jawab:

```
81 select category, sum(jumlah) as jumlah_order_COD from(
82 select category, count(distinct id) as jumlah, payment_method
83 from(select o.order_date, o.is_valid, o.id, o.after_discount, o.qty_ordered, s.category, s.cogs, s.sku_name,
84      p.payment_method from order_detail o
85      left join sku_detail s on o.sku_id = s.id
86      left join payment_detail p on o.payment_id = p.id) as nt where is_valid = 1 and
87      Extract(year from order_date) = '2022' group by category, payment_method) as nt2 where payment_method = 'cod'
88 group by category order by jumlah_order_COD desc
89
90 select category, sum(jumlah) as jumlah_order_payaxis from(
91 select category, count(distinct id) as jumlah, payment_method
92 from(select o.order_date, o.is_valid, o.id, o.after_discount, o.qty_ordered, s.category, s.cogs, s.sku_name,
93      p.payment_method from order_detail o
94      left join sku_detail s on o.sku_id = s.id
95      left join payment_detail p on o.payment_id = p.id) as nt where is_valid = 1 and
96      Extract(year from order_date) = '2022' group by category, payment_method) as nt2 where payment_method = 'Payaxis'
97 group by category order by jumlah_order_payaxis desc
98
```

```

99 select category, sum(jumlah) as jumlah_order_Easypay from(
100 select category, count(distinct id) as jumlah, payment_method
101 from(select o.order_date, o.is_valid, o.id, o.after_discount, o.qty_ordered, s.category, s.cogs, s.sku_name,
102 p.payment_method from order_detail o
103 left join sku_detail s on o.sku_id = s.id
104 left join payment_detail p on o.payment_id = p.id) as nt where is_valid = 1 and
105 Extract(year from order_date) = '2022' group by category, payment_method) as nt2 where payment_method = 'Easypay'
106 group by category order by jumlah_order_Easypay desc
107
108 select category, sum(jumlah) as jumlah_order_Customercredit from(
109 select category, count(distinct id) as jumlah, payment_method
110 from(select o.order_date, o.is_valid, o.id, o.after_discount, o.qty_ordered, s.category, s.cogs, s.sku_name,
111 p.payment_method from order_detail o
112 left join sku_detail s on o.sku_id = s.id
113 left join payment_detail p on o.payment_id = p.id) as nt where is_valid = 1 and
114 Extract(year from order_date) = '2022' group by category, payment_method) as nt2 where payment_method = 'customercredit'
115 group by category order by jumlah_order_Customercredit desc
116

```

```

116
117 select category, sum(jumlah) as jumlah_order_jazzwallet from(
118 select category, count(distinct id) as jumlah, payment_method
119 from(select o.order_date, o.is_valid, o.id, o.after_discount, o.qty_ordered, s.category, s.cogs, s.sku_name,
120 p.payment_method from order_detail o
121 left join sku_detail s on o.sku_id = s.id
122 left join payment_detail p on o.payment_id = p.id) as nt where is_valid = 1 and
123 Extract(year from order_date) = '2022' group by category, payment_method) as nt2 where payment_method = 'jazzwallet'
124 group by category order by jumlah_order_jazzwallet desc
125
126

```

Data Output			Messages	Notifications
	category text	jumlah_order_cod numeric		
1	Men Fashion	10510		
2	Mobiles & Tablets	9853		
3	Women Fashion	7599		
4	Beauty & Grooming	4125		
5	Home & Living	3314		
6	Soghaat	3065		
7	Appliances	2808		
8	Kids & Baby	2635		
9	Health & Sports	2440		
10	Superstore	2138		
11	Computing	1287		
12	Entertainment	1152		
13	Others	1066		
14	School & Education	457		
15	Books	336		

Data Output			Messages	Notifications
	category text	jumlah_order_payaxis numeric		
1	Mobiles & Tablets	1804		
2	Men Fashion	928		
3	Appliances	893		
4	Women Fashion	843		
5	Entertainment	547		
6	Superstore	531		
7	Computing	344		
8	Kids & Baby	306		
9	Beauty & Grooming	301		
10	Home & Living	295		
11	Health & Sports	268		
12	Soghaat	236		
13	Others	103		
14	School & Education	40		
15	Books	10		

Data Output			Messages	Notifications
	category text	jumlah_order_easypay numeric		
1	Mobiles & Tablets	618		
2	Women Fashion	201		
3	Men Fashion	186		
4	Appliances	175		
5	Entertainment	129		
6	Beauty & Grooming	85		
7	Computing	82		
8	Kids & Baby	81		
9	Superstore	81		
10	Home & Living	74		
11	Soghaat	63		
12	Health & Sports	41		
13	Others	35		
14	School & Education	11		
15	Books	4		

Data Output

Messages

Notifications

category

text

jumlah_order_customercredit

numeric

1	Mobiles & Tablets	369
2	Men Fashion	300
3	Women Fashion	176
4	Appliances	131
5	Soghaat	111
6	Beauty & Grooming	108
7	Home & Living	97
8	Superstore	77
9	Health & Sports	67
10	Kids & Baby	66
11	Entertainment	45
12	Computing	44
13	Others	34
14	School & Education	9
15	Books	4

Data Output

Messages

Notifications

	category text	jumlah_order_jazzwallet numeric
1	Superstore	700
2	Mobiles & Tablets	208
3	Men Fashion	195
4	Soghaat	109
5	Beauty & Grooming	89
6	Women Fashion	89
7	Kids & Baby	85
8	Home & Living	60
9	Appliances	58
10	Others	41
11	Health & Sports	40
12	Entertainment	35
13	Computing	29
14	School & Education	9
15	Books	4