

1.	Tampilkan daftar produk unik yang terjual di bulan Juli 2019.	ecommerce.online_sales	Produk_Description
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DigitalSkola_DB - Beekeeper Studio - Free Trial (13 days left)

Homework - Advance SQL

```

1 /*
2 Soal 1:
3 Tampilkan daftar produk unik yang terjual di bulan Juli 2019.
4
5 Tabel yang digunakan:
6 ecommerce.online_sales
7
8 Field yang ditampilkan:
9 Produk_Description
10
11 */
12 select DISTINCT t1."Product_Description"
13 from ecommerce.online_sales as t1
14 where EXTRACT(YEAR from "Transaction_Date") = 2019
15 AND EXTRACT(MONTH from "Transaction_Date") = 7;

```

Save Run Selection

Product_Description
1 oz Hand Sanitizer
20 oz Stainless Steel Insulated Tumbler
22 oz Android Bottle
22 oz YouTube Bottle Infuser
23 oz Wide Mouth Sport Bottle
25L Classic Rucksack
26 oz Double Wall Insulated Bottle
7" Dog Frisbee
8 pc Android Sticker Sheet
Android 17oz Stainless Steel Sport Bottle
Android BTTF Cosmos Graphic Tee
Android BTTF Moonshot Graphic Tee
Android Hard Cover Journal
Android Infant Short Sleeve Tee Pewter
Android Infant Short Sleeve Tee Pink

265 0 affected 2507ms

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2. Tampilkan daftar kategori produk yang jumlah penjualan produknya lebih dari 20000.
- ecommerce.online_sales | Product_Category, sum(Quantity)

```

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18 /*
19 Soal 2:
20 Tampilkan daftar kategori produk yang jumlah penjualan produknya lebih dari 20000
21
22 Tabel yang digunakan:
23 ecommerce.online_sales
24
25 Field yang ditampilkan:
26 Product_Category,
27 sum(Quantity)
28
29 */
30
31 select t2."Product_Category", sum(t2."Quantity")
32 from ecommerce.online_sales as t2
33 group by t2."Product_Category"
34 having sum(t2."Quantity") > 20000
35

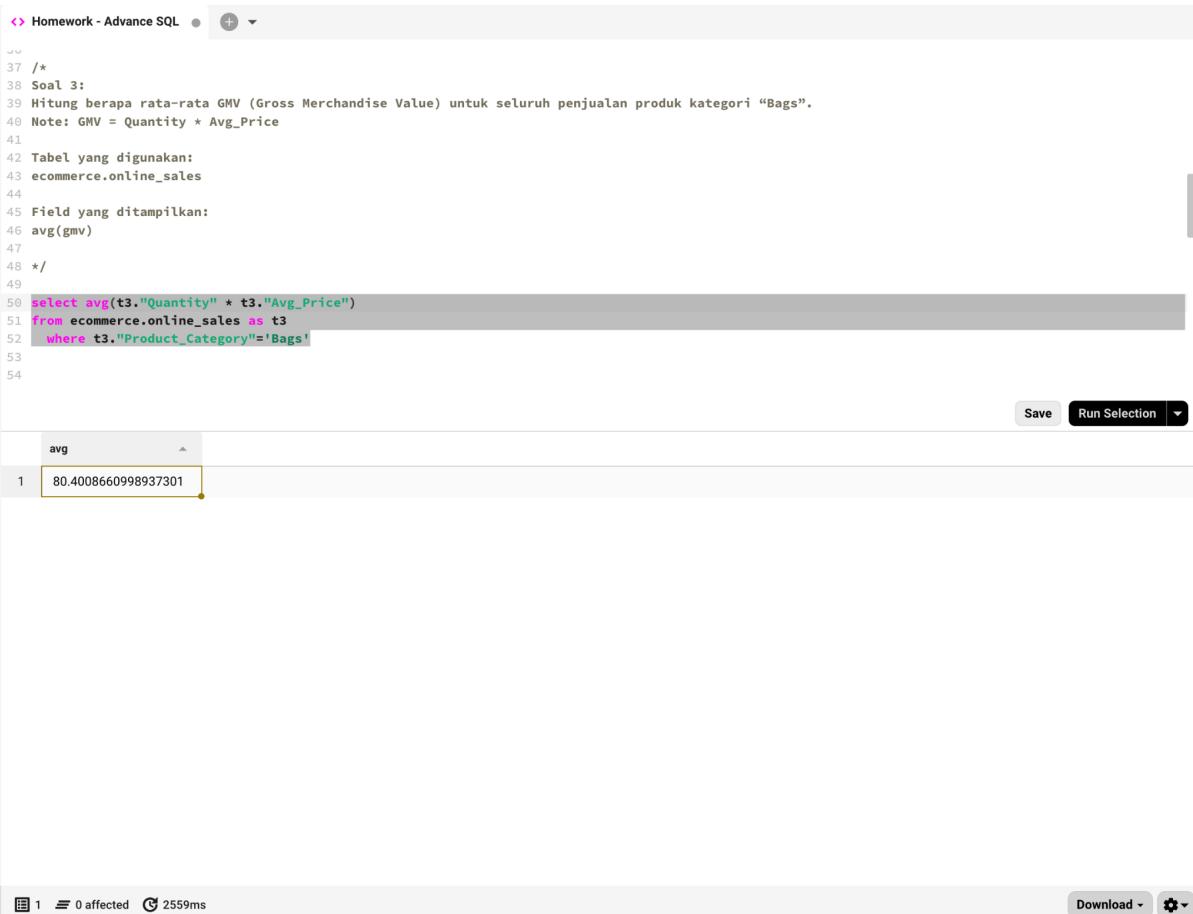
```

Save Run Selection ▾

	Product_Category	sum
1	Office	88383
2	Drinkware	30501
3	Apparel	32438
4	Nest-USA	21430
5	Lifestyle	24881

5 0 affected 1000ms Download ▾ ⚙️

<p>3. Hitung berapa rata-rata GMV (Gross Merchandise Value) untuk seluruh penjualan produk kategori "Bags".</p> <p>Note: GMV = Quantity * Avg_Price</p>	<pre>ecommerce.online_sales avg(gmv)</pre>
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The screenshot shows a SQL editor interface with the following details:

- SQL Query:**

```

37 /*
38 Soal 3:
39 Hitung berapa rata-rata GMV (Gross Merchandise Value) untuk seluruh penjualan produk kategori "Bags".
40 Note: GMV = Quantity * Avg_Price
41
42 Tabel yang digunakan:
43 ecommerce.online_sales
44
45 Field yang ditampilkan:
46 avg(gmv)
47
48 */
49
50 select avg(t3."Quantity" * t3."Avg_Price")
51 from ecommerce.online_sales as t3
52 where t3."Product_Category"='Bags'
53
54
    
```
- Execution Results:**

avg
80.4008660998937301
- Bottom Status Bar:**

1 0 affected 2559ms
- Buttons:**
 - Save
 - Run Selection
 - Download
 - Settings

4. Tampilkan daftar customer yang 'tenure_months'-nya lebih besar dari rata-rata 'tenure_months' seluruh customer .
- ecommerce.customers
- CustomerID, Location

```

56 /*
57 Soal 4:
58 Tampilkan daftar customer yang 'tenure_months'-nya lebih besar dari ratarata 'tenure_months' seluruh customer
59
60 Tabel yang digunakan:
61 ecommerce.customers
62
63 Field yang ditampilkan:
64 CustomerID, Location
65
66 */
67
68 select t4."CustomerID", t4."Location"
69 from ecommerce.customers as t4
70 where t4."Tenure_Months" >
71      (
72          select avg("Tenure_Months")
73          from ecommerce.customers
74      )
75

```

	CustomerID	Location
1	13047	California
2	12583	Chicago
3	13748	California
4	15100	California
5	15291	California
6	14688	New York
7	15311	Chicago
8	14527	California
9	16098	Chicago

741 0 affected 523ms

5. Tampilkan pada tanggal (unik) berapa saja customer yang berasal dari kota yang berawalan "New" melakukan transaksi.

```

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76 /*
77 Soal 5:
78 Tampilkan pada tanggal (unik) berapa saja customer yang berasal dari kota yang berawalan "New" melakukan transaksi
79
80 Tabel yang digunakan:
81 ecommerce.online_sales,
82 ecommerce.customers
83
84 Field yang ditampilkan:
85 Transaction_Date
86
87 */
88
89 select distinct t5a."Transaction_Date"
90 from ecommerce.online_sales as t5a
91 join (
92     select "CustomerID", "Location"
93     from ecommerce.customers
94     where "Location" like 'New%'
95 ) as "t5b"
96 on t5a."CustomerID" = t5b."CustomerID"

```

Save Run Selection ▾

	Transaction_Date
1	2019-04-17
2	2019-05-29
3	2019-10-15
4	2019-07-25
5	2019-09-08
6	2019-10-03
7	2019-03-21
8	2019-08-09
9	2019-06-17
10	2019-02-20
11	2019-07-08
12	2019-02-07

330 0 affected 1915ms Download ▾ ⚙