Task – 4 - Aggregate Functions

Aggregate functions :

Count :

```
4
5 •    select count(*) as Total
6      from electronic_sales;
7
```

Output :

	Total
▶	200

Sum;

```
7
8 •    select sum(Total_sales) as Total_sales
9      from electronic_sales
10
```

Output ;

	Total_sales
▶	56890814

Min ;

```
11
12 •    select min(Quantity) as min_quantity
13      from electronic_sales ;
14
```

Output :

Result Grid | Filter Rows:

min_quantity
1

Resets all sorted columns

Max :

```
15
16 ●   select max(Quantity) as min_quantity
17     from electronic_sales ;
18
```
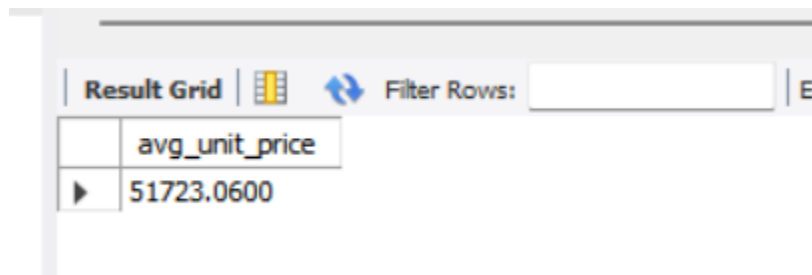
Output :

Result Grid | Filter Rows:

min_quantity
10

Refresh data re-executing

Average ;

```
18
19 ●   select avg(unit_price) as avg_unit_price
20     from electronic_sales ;
21
```

Output :
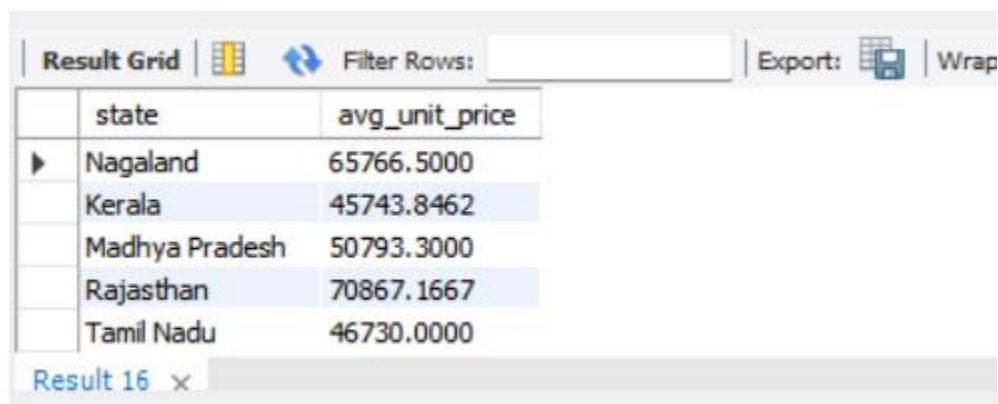
avg_unit_price
51723.0600

Group by :

```
23 •    select state,avg(unit_price)as avg_unit_price
24       from electronic_sales
25      group by state
26      limit 5;
27
```

Output :

state	avg_unit_price
Nagaland	65766.5000
Kerala	45743.8462
Madhya Pradesh	50793.3000
Rajasthan	70867.1667
Tamil Nadu	46730.0000

Result 16 ×

Having :

```
23 •    select state,avg(unit_price)as avg_unit_price
24       from electronic_sales
25       group by state
26  ⊖  having avg(unit_price) > (select avg(unit_price)
27                                        as avg_unit_price from electronic_sales)
28       order by state
29       limit 5;
30
```

Output :

state	avg_unit_price
Andhra Pradesh	61575.5556
Assam	52173.6000
Bihar	59204.0000
Goa	61379.4286
Haryana	68264.3333