



```

70 set phone_number = 'new_ph_number'
71 where state = 'california' ;
72
73 • select state, count(*) as number_of_customer
74 from customer group by state
75 having count(*) >5 ;
76
77 • select state, count(*) as number_of_customer from customer_details group by state ;
78
79 • select * from customer_details order by state ;
    
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

full_name	email	phone_number	state
Ling Wei	ling.wei@example.com	new_ph_number	California
Carlos Mendez	carlos.mendez@example.com	555-7890	Florida
Raj Patel	raj.patel@example.com	555-8765	555-8765
Pierre Dupont	pierre.dupont@example.com	555-9876	Massachusetts
John Doe	john.doe@example.com	555-1234	New York
Hans Muller	hans.muller@example.com	555-2345	Oregon
Yuri Ivanov	yuri.ivanov@example.com	555-3456	Texas
Emily Clark	emily.clark@example.com	555-8769	Texas
Hiro Tanaka	hiro.tanaka@example.com	555-6543	Washington

customer_details 20 x

Output

Action Output

#	Time	Action	Message
34	18:52:09	select state, count(*) as number_of_customer from customer group by state having count(*) >5 LIMIT 0, 100	0 row(s) returned
35	18:52:52	select * from customer LIMIT 0, 100	10 row(s) returned
36	18:53:28	select state, count(*) as number_of_customer from customer group by state having count(*) >5 LIMIT 0, 100	0 row(s) returned
37	18:56:09	select state, count(*) as number_of_customer from customer_details group by state LIMIT 0, 100	8 row(s) returned
38	18:58:16	select * from customer_details order by state LIMIT 0, 100	10 row(s) returned

```

1 • select * from country_1 ;
2
3 • select * from persons_1 ;
4
5 • select Country_name, count(*) as number_of_persons
6   from persons_1 group by Country_name ;
7
8

```

Result Grid Filter Rows: Export: Wrap Cell Content:

	Country_name	number_of_persons
▶	USA	2
	India	1
	China	1
	Brazil	1
	Russia	1
	Japan	1
	Germany	1
	UK	1
	France	1
	Canada	1

Result 4 x

Output

Action Output

#	Time	Action	Message
✓ 1	17:34:26	select * from country_1 LIMIT 0, 100	10 row(s) returned
✓ 2	17:35:05	select * from persons_1 LIMIT 0, 100	12 row(s) returned
✓ 3	17:36:26	select * from persons_1 LIMIT 0, 100	12 row(s) returned
✓ 4	17:38:44	select Country_name, count(*) as number_of_persons from persons_1 group by Country_name LIMIT 0, 100	10 row(s) returned



Limit to 100 rows

```

1 • select * from country_1 ;
2
3 • select * from persons_1 ;
4
5 • select Country_name, count(*) as number_of_persons
6   from persons_1 group by Country_name ;
7
8 • select Country_name, count(*) as number_of_persons from persons_1
9   group by Country_name
10  order by number_of_persons desc ;

```

Result Grid Filter Rows: Export: Wrap Cell Content:

	Country_name	number_of_persons
▶	USA	2
	Canada	2
	India	1
	China	1
	Brazil	1
	Russia	1
	Japan	1
	Germany	1
	UK	1
	-----	*

Result 5 x

Output

Action Output

#	Time	Action	Message
✓ 1	17:34:26	select * from country_1 LIMIT 0, 100	10 row(s) returned
✓ 2	17:35:05	select * from persons_1 LIMIT 0, 100	12 row(s) returned
✓ 3	17:36:26	select * from persons_1 LIMIT 0, 100	12 row(s) returned
✓ 4	17:38:44	select Country_name, count(*) as number_of_persons from persons_1 group by Country_name LIMIT 0, 100	10 row(s) returned
✓ 5	17:43:04	select Country_name, count(*) as number_of_persons from persons_1 group by Country_name order by number...	10 row(s) returned


```

5 • select Country_name, count(*) as number_of_persons
6   from persons_1 group by Country_name ;
7
8 • select Country_name, count(*) as number_of_persons from persons_1
9   group by Country_name
10  order by number_of_persons desc ;
11
12 • select Country_name, avg(Rating) as average_rating
13   from persons_1 group by Country_name
14  having avg(rating) > 3.0 ;

```

Result Grid Filter Rows: Export: Wrap Cell Content:

	Country_name	average_rating
▶	USA	4.200000
	India	4.100000
	China	4.700000
	Brazil	3.500000
	Russia	4.000000
	Japan	4.600000
	Germany	3.800000
	UK	4.200000
	France	3.900000
	Canada	3.600000

Result 6 x

Output

Action Output

#	Time	Action	Message
✓ 2	17:35:05	select * from persons_1 LIMIT 0, 100	12 row(s) returned
✓ 3	17:36:26	select * from persons_1 LIMIT 0, 100	12 row(s) returned
✓ 4	17:38:44	select Country_name, count(*) as number_of_persons from persons_1 group by Country_name LIMIT 0, 100	10 row(s) returned
✓ 5	17:43:04	select Country_name, count(*) as number_of_persons from persons_1 group by Country_name order by numb...	10 row(s) returned
✓ 6	17:46:54	select Country_name, avg(Rating) as average_rating from persons_1 group by Country_name having avg(ratin...	10 row(s) returned



```

8 • select Country_name, count(*) as number_of_persons from persons_1
9   group by Country_name
10  order by   number_of_persons desc ;
11
12 • select Country_name, avg(Rating) as average_rating
13   from persons_1 group by Country_name
14  having avg(rating) > 3.0 ;
15
16 • select distinct Country_name from persons_1
17  where rating = (select rating from persons_1 where Country_name = 'usa' limit 1) ;

```

Result Grid | Filter Rows: Export: Wrap Cell Content:

Country_name
USA

persons_19 x

Output

Action Output

#	Time	Action	Message
✓ 6	17:46:54	select Country_name, avg(Rating) as average_rating from persons_1 group by Country_name having avg(ratin...	10 row(s) returned
✗ 7	17:52:24	select distinct Country_name from persons_1 where rating = (select rating from persons_1 where Country_name...	Error Code: 1242. Subquery returns more than 1 row
✓ 8	17:52:38	select distinct Country_name from persons_1 where rating = (select rating from persons_1 where Country_name...	1 row(s) returned
✓ 9	17:53:44	select * from persons_1 LIMIT 0, 100	12 row(s) returned
✓ 10	17:54:11	select distinct Country_name from persons_1 where rating = (select rating from persons_1 where Country_name...	1 row(s) returned

```

11
12 • select Country_name, avg(Rating) as average_rating
13 from persons_1 group by Country_name
14 having avg(rating) > 3.0 ;
15
16 • select distinct Country_name from persons_1
17 where rating = (select rating from persons_1 where Country_name = 'usa' limit 1) ;
18
19 • select Country_name,Population from country_1
20 where Population > (select avg(Population) from country_1) ;

```

Result Grid Filter Rows: Export: Wrap Cell Content:

	Country_name	Population
▶	India	1380000000
	China	1440000000

country_1 10 x

Output

Action Output

#	Time	Action	Message
✖ 7	17:52:24	select distinct Select output pane rsons_1 where rating = (select rating from persons_1 where Country_name...	Error Code: 1242. Subquery returns more than 1 row
✔ 8	17:52:38	select distinct Country_name from persons_1 where rating = (select rating from persons_1 where Country_name...	1 row(s) returned
✔ 9	17:53:44	select * from persons_1 LIMIT 0, 100	12 row(s) returned
✔ 10	17:54:11	select distinct Country_name from persons_1 where rating = (select rating from persons_1 where Country_name...	1 row(s) returned
✔ 11	18:01:00	select Country_name,Population from country_1 where Population > (select avg(Population) from country_1) LI...	2 row(s) returned



```

45 (7, 'Hiro', 'Tanaka', 'hiro.tanaka@example.com', '555-6543', '404 Spruce Rd', 'Seattle', 'Washington', '98101', 'US'),
46 (8, 'Hans', 'Muller', 'hans.muller@example.com', '555-2345', '505 Redwood Cir', 'Portland', 'Oregon', '97201', 'US'),
47 (9, 'Emily', 'Clark', 'emily.clark@example.com', '555-8769', '606 Fir St', 'Dallas', 'Texas', '75201', 'US'),
48 (10, 'Pierre', 'Dupont', 'pierre.dupont@example.com', '555-9876', '707 Palm Blvd', 'Boston', 'Massachusetts', '02101', 'US');
49
50 • create view customer_info as
51 select concat(first_name, ' ', last_name) as full_name ,email
52 from customer ;
53
54 • select * from customer_info ;

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |



	full_name	email
▶	JohnDoe	john.doe@example.com
	JaneSmith	jane.smith@example.com
	RajPatel	JaneSmith @mple.com
	LingWei	ling.wei@example.com
	CarlosMendez	carlos.mendez@example.com
	YuriIvanov	yuri.ivanov@example.com
	HiroTanaka	hiro.tanaka@example.com
	HansMuller	hans.muller@example.com
	EmilyClark	emily.clark@example.com
	PierreDupont	pierre.dupont@example.com

customer_info 13 x

Output

Action Output

#	Time	Action	Message
✗	20 18:18:19	INSERT INTO Customer (Customer_Id, First_name, Last_name, Email, Phone_no, Address, City, State, Zip_co...	Error Code: 1054. Unknown column 'Phone_no' in 'field list'
✓	21 18:18:48	INSERT INTO Customer (Customer_Id, First_name, Last_name, Email, Phone_number, Address, City, State, Zi...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0
✓	22 18:19:19	DROP VIEW 'product'. 'customer_info'	0 row(s) affected
✓	23 18:19:27	create view customer_info as select concat(first_name, ", last_name) as full_name ,email from customer	0 row(s) affected
✓	24 18:19:36	select * from customer_info LIMIT 0, 100	10 row(s) returned

Result Grid   Filter Rows: Export:  Wrap Cell Content: 

us_customer 14 x

Action Output




```

56 • create view us_customer as
57     select * from customer
58     where country = 'us' ;
59
60 • select * from us_customer ;
61
62 • create view customer_details as
63     select concat(first_name, ' ', last_name) as full_name, email, phone_number, state from customer ;
64
65 • select * from customer_details ;
    
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	full_name	email	phone_number	state
▶	John Doe	john.doe@example.com	555-1234	New York
	Jane Smith	jane.smith@example.com	555-5678	California
	Raj Patel	raj.patel@example.com	555-8765	Illinois
	Ling W. Ling Wei	ling.wei@example.com	555-4321	California
	Carlos Mendez	carlos.mendez@example.com	555-7890	Florida
	Yuri Ivanov	yuri.ivanov@example.com	555-3456	Texas
	Hiro Tanaka	hiro.tanaka@example.com	555-6543	Washington
	Hans Muller	hans.muller@example.com	555-2345	Oregon
	Emily Clark	emily.clark@example.com	555-8769	Texas
	Nina Diest	nina.diest@example.com	555-8877	Massachusetts

customer_details 15 x

Output

Action Output

#	Time	Action	Message
✓ 24	18:19:36	select * from customer_info LIMIT 0, 100	10 row(s) returned
✓ 25	18:23:54	create view us_customer as select * from customer where country = 'us'	0 row(s) affected
✓ 26	18:24:15	select * from us_customer LIMIT 0, 100	10 row(s) returned
✓ 27	18:28:14	create view customer_details as select concat(first_name, ' ', last_name) as full_name, email, phone_number, state...	0 row(s) affected
✓ 28	18:28:56	select * from customer_details LIMIT 0, 100	10 row(s) returned



```

66
67 • select * from customer_details ;
68 • set sql_safe_updates =0 ;
69 • update customer_details
70   set phone_number = 'new_ph_number'
71   where state = 'california' ;
72
73 • select state, count(*) as number_of_customer
74   from customer group by state
75   having count(*) >5 ;

```

Result Grid Filter Rows: Export: Wrap Cell Content:

	state	number_of_customer
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Result 18 x

Output

Action Output

#	Time	Action	Message
✖ 32	18:36:27	update customer_details set phone_number = 'new_phone_number' where state = 'california'	Error Code: 1406. Data too long for column 'phone_number' at row 2
✔ 33	18:36:57	update customer_details set phone_number = 'new_ph_number' where state = 'california'	2 row(s) affected Rows matched: 2 Changed: 2 Warnings: 0
✔ 34	18:52:09	select state, count(*) as number_of_customer from customer group by state having count(*) >5 LIMIT 0, 100	0 row(s) returned
✔ 35	18:52:52	select * from customer LIMIT 0, 100	10 row(s) returned
✔ 36	18:53:28	select state, count(*) as number_of_customer from customer group by state having count(*) >5 LIMIT 0, 100	0 row(s) returned

```

68 • set sql_safe_updates =0 ;
69 • update customer_details
70   set phone_number = 'new_ph_number'
71   where state = 'california' ;
72
73 • select state, count(*) as number_of_customer
74   from customer group by state
75   having count(*) >5 ;
76
77 • select state, count(*) as number_of_customer from customer_details group by state ;

```

Result Grid Filter Rows: Export: Wrap Cell Content:

	state	number_of_customer
▶	New York	1
	California	2
	Illinois	1
	Florida	1
	Texas	2
	Washington	1
	Oregon	1
	Massachusetts	1

Result 19 x

Output

Action Output

#	Time	Action	Message
✓ 33	18:36:57	update customer_details set phone_number = 'new_ph_number' where state = 'california'	2 row(s) affected Rows matched: 2 Changed: 2 Warnings: 0
✓ 34	18:52:09	select state, count(*) as number_of_customer from customer group by state having count(*) >5 LIMIT 0, 100	0 row(s) returned
✓ 35	18:52:52	select * from customer LIMIT 0, 100	10 row(s) returned
✓ 36	18:53:28	select state, count(*) as number_of_customer from customer group by state having count(*) >5 LIMIT 0, 100	0 row(s) returned
✓ 37	18:56:09	select state, count(*) as number_of_customer from customer_details group by state LIMIT 0, 100	8 row(s) returned