



Navigator

## SCHEMAS

Filter objects

- acme
- bookdealer
- insurance
- onlineprojectsubmissionportal
- order\_processing
- order\_processing1
- sakila
- student
- sys
- world

BANK x

Limit to 1000 rows

```
81      ("Ravi",002),
82      ("Arpita",003),
83      ("Shyam",004),
84      ("Vinay",005);
85
86
87 • select * from branch;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

	branch_name	branch_city	assets
▶	A	Bangalore	190000
	B	Bangalore	200000
	C	Delhi	235344
	D	Chennai	1050560
	E	Chennai	678909
*	NULL	NULL	NULL

Administration Schemas

Information

No object selected

Object Info Session

branch 3 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 16	15:42:15	insert into customer(customer_name,customer_street,customer_city) VALUES ("Ravi","Das...)	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.219 sec
✓ 17	15:42:15	insert into depositor(customer_name,accno) VALUES ("Ravi",1001),	8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.203 sec
✓ 18	15:42:15	insert into loan(loan_number,branch_name,amount) VALUES (001,'A',10000),	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.281 sec
✓ 19	15:42:16	insert into borrower(customer_name,loan_number) VALUES ("Arpita",001),	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.172 sec
✓ 20	15:44:57	select *from branch LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help



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BANK x

Limit to 1000 rows

```
82      ("Arpita",003),
83      ("Shyam",004),
84      ("Vinay",005);
87 •   select * from branch;
88 •   select * from accounts;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

	accno	branch_name	balance
▶	1001	A	10000
	1002	B	5000
	1003	C	7500
	1004	D	50000
	1005	D	75000
	1006	E	560
	1007	B	500
	1008	B	1500
*	NULL	NULL	NULL

accounts 4 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 17	15:42:15	insert into depositor(customer_name,accno) VALUES ("Ravi",1001),	... 8 row(s) affected Records: 8 Duplicates: 0 Warnings: 0	0.203 sec
✓ 18	15:42:15	insert into loan(loan_number,branch_name,amount) VALUES (001,'A',10000),	... 5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.281 sec
✓ 19	15:42:16	insert into borrower(customer_name,loan_number) VALUES ("Arpita",001),	... 5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.172 sec
✓ 20	15:44:57	select * from branch LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 21	15:45:50	select * from accounts LIMIT 0, 1000	8 row(s) returned	0.062 sec / 0.000 sec

Administration Schemas

Information

No object selected

Object Info Session

Result Grid  
Form Editor

Apply

MySQL Workbench

Local instance MySQL80

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Navigator

SCHEMAS

Filter objects

acme

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world

BANK

Limit to 1000 rows

83

84

85

86

87 •

88 •

89 •

("Shyam",004),

("Vinay",005);

select \* from branch;

select \* from accounts;

select \* from customer;

Result Grid

Filter Rows:

Edit

Export/Import

Wrap Cell Content

	customer_name	customer_street	customer_city
▶	Arpita	Church Street	Bangalore
	Ravi	Dasarahalli	Bangalore
	Seema	Vasanthnagar	Chennai
	Shyam	Indiranagar	Delhi
	Vinay	MG Road	Chennai
*	NULL	NULL	NULL

customer 5

Apply

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 18	15:42:15	insert into loan(loan_number,branch_name,amount) VALUES (001,'A',10000).	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.281 sec
✓ 19	15:42:16	insert into borrower(customer_name,loan_number) VALUES ("Arpita",001).	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.172 sec
✓ 20	15:44:57	select *from branch LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 21	15:45:50	select *from accounts LIMIT 0, 1000	8 row(s) returned	0.062 sec / 0.000 sec
✓ 22	15:46:10	select *from customer LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec

No object selected

Object Info Session

MySQL Workbench

Local instance MySQL80

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sakila

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sys

world

BANK

Limit to 1000 rows

84

85

86

87 • select \* from branch;

88 • select \* from accounts;

89 • select \* from customer;

90 • select \* from depositor;

Result Grid

Filter Rows:

Edit:Export/Import:Wrap Cell Content:

	customer_name	accno
▶	Ravi	1001
	Ravi	1002
	Shyam	1003
	Seema	1004
	Seema	1005
	Arpita	1006
	Vinay	1007
	Vinay	1008
*	NULL	NULL

depositor6

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 19	15:42:16	insert into borrower(customer_name,loan_number) VALUES ("Arpita",001),	... 5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.172 sec
✓ 20	15:44:57	select * from branch LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 21	15:45:50	select * from accounts LIMIT 0, 1000	8 row(s) returned	0.062 sec / 0.000 sec
✓ 22	15:46:10	select * from customer LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
✓ 23	15:46:28	select * from depositor LIMIT 0, 1000	8 row(s) returned	0.062 sec / 0.000 sec

Administration

Schemas

Information

No object selected

Object Info

Session



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Filter objects

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sakila

student

sys

world

BANK

Limit to 1000 rows

85

86

87 • select \* from branch;

88 • select \* from accounts;

89 • select \* from customer;

90 • select \* from depositor;

91 • select \* from loan;

Result Grid

Filter Rows:

Edit: Export/Import: Wrap Cell Content:

	loan_number	branch_name	amount
▶	1	A	10000
	2	B	25000
	3	B	250000
	4	C	5000
	5	E	90000
*	NULL	NULL	NULL

loan 7

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 20	15:44:57	select * from branch LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 21	15:45:50	select * from accounts LIMIT 0, 1000	8 row(s) returned	0.062 sec / 0.000 sec
✓ 22	15:46:10	select * from customer LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
✓ 23	15:46:28	select * from depositor LIMIT 0, 1000	8 row(s) returned	0.062 sec / 0.000 sec
✓ 24	15:46:47	select * from loan LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec

Administration

Schemas

Information

No object selected

Object Info

Session

MySQL Workbench

Local instance MySQL80

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student

sys

world

BANK

Limit to 1000 rows

86

87 • select \* from branch;

88 • select \* from accounts;

89 • select \* from customer;

90 • select \* from depositor;

91 • select \* from loan;

92 • select \* from borrower;

Result Grid

Filter Rows:

Edit

Export/Import:

Wrap Cell Content:

	customer_name	loan_number
▶	Arpita	1
	Ravi	2
	Arpita	3
	Shyam	4
	Vinay	5
*	NULL	NULL

Administration

Schemas

Information

No object selected

borrower 8

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 21	15:45:50	select * from accounts LIMIT 0, 1000	8 row(s) returned	0.062 sec / 0.000 sec
✓ 22	15:46:10	select * from customer LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
✓ 23	15:46:28	select * from depositor LIMIT 0, 1000	8 row(s) returned	0.062 sec / 0.000 sec
✓ 24	15:46:47	select * from loan LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
✓ 25	15:47:09	select * from borrower LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80

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Administration

Schemas

No object selected

Object Info

Session

BANK

Limit to 1000 rows

98

group by depositor.customer\_name having count(depositor.customer\_name) >=2;

99

\*/

100

101

select d.customer\_name from depositor d,accounts a where d.accno=a.accno and a.branch\_name = "D"

group by d.customer\_name having count(d.customer\_name) >=2;

102

103

104

-- iv. Find all the customers who have an account at all the branches located in a specific city.

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

customer\_name

Seema

Result Grid

Form Editor

Result 9

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 22	15:46:10	select * from customer LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
✓ 23	15:46:28	select * from depositor LIMIT 0, 1000	8 row(s) returned	0.062 sec / 0.000 sec
✓ 24	15:46:47	select * from loan LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
✓ 25	15:47:09	select * from borrower LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec
✓ 26	15:47:29	select d.customer_name from depositor d,accounts a where d.accno=a.accno and a.bran...	1 row(s) returned	0.047 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator

SCHEMAS

Filter objects

acme

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insurance

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order\_processing

order\_processing1

sakila

student

sys

world

Administration

Schemas

Information

No object selected

Object Info

Session

BANK

Limit to 1000 rows

100

101 • select d.customer\_name from depositor d,accounts a where d.accno=a.accno and a.branch\_name = "D"

102 group by d.customer\_name having count(d.customer\_name) >=2;

103

104 -- iv. Find all the customers who have an account at all the branches located in a specific city.

105 • select customer\_name from depositor

106 join accounts on accounts.accno = depositor.accno

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

customer\_name

Ravi

Result 10

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 23	15:46:28	select * from depositor LIMIT 0, 1000	8 row(s) returned	0.062 sec / 0.000 sec
✓ 24	15:46:47	select * from loan LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
✓ 25	15:47:09	select * from borrower LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec
✓ 26	15:47:29	select d.customer_name from depositor d,accounts a where d.accno=a.accno and a.bran...	1 row(s) returned	0.047 sec / 0.000 sec
✓ 27	15:49:49	select customer_name from depositor join accounts on accounts.accno = depositor.accno j...	1 row(s) returned	0.000 sec / 0.000 sec





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- sys
- world

BANK x

Limit to 1000 rows

```
52 • insert into accounts(accno,branch_name,balance) VALUES (1001,'A',10000),
53                                     (1002,'B',5000),
54                                     (1003,'C',7500),
55                                     (1004,'D',50000),
56                                     (1005,'D',75000),
57                                     (1006,'E',560),
58                                     (1007,'B',500),
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

	accno	branch_name	balance
▶	1001	A	10000
	1002	B	5000
	1004	D	50000
	1005	D	75000
	1006	E	560
	1007	B	500
	1008	B	1500
*	NULL	NULL	NULL

Administration Schemas

Information

No object selected

Object Info Session

accounts 13 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 27	15:49:49	select customer_name from depositor join accounts on accounts.accno = depositor.accno j...	1 row(s) returned	0.000 sec / 0.000 sec
✓ 28	15:50:12	select customer_name from depositor join accounts on accounts.accno = depositor.accno j...	1 row(s) returned	0.016 sec / 0.000 sec
✓ 29	15:50:23	select * from accounts LIMIT 0, 1000	8 row(s) returned	0.015 sec / 0.000 sec
✓ 30	15:51:09	delete from accounts where branch_name in (select branch_name from branch where bran...	1 row(s) affected	0.156 sec
✓ 31	15:51:13	select * from accounts LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec