



Navigator

## SCHEMAS

Filter objects

- mydb
  - Tables
    - salaries
      - Columns
      - Indexes
      - Foreign Keys
      - Triggers
    - Views
    - Stored Procedures
    - Functions
  - sakila
  - sys
  - world

Query 1 salaries



Limit to 1000 rows

```
1
2 • select * FROM salaries
```

Result Grid Filter Rows: Export: Wrap Cell Contents: Fetch rows:

	Id	EmployeeName	JobTitle	BasePay	OvertimePay	OtherPay	Benefits	TotalPay	TotalPayBenefits	Year	Notes	Agency	Status
▶	1	NATHANIEL FORD	GENERAL MANAGER-METROPOLITAN TRANSIT ...	167411.18	0	400184.25		567595.43	567595.43	2011		San Francisco	
	2	GARY JIMENEZ	CAPTAIN III (POLICE DEPARTMENT)	155966.02	245131.88	137811.38		538909.28	538909.28	2011		San Francisco	
	3	ALBERT PARDINI	CAPTAIN III (POLICE DEPARTMENT)	212739.13	106088.18	16452.6		335279.91	335279.91	2011		San Francisco	
	4	CHRISTOPHER CHONG	WIRE ROPE CABLE MAINTENANCE MECHANIC	77916	56120.71	198306.9		332343.61	332343.61	2011		San Francisco	
	5	PATRICK GARDNER	DEPUTY CHIEF OF DEPARTMENT, (FIRE DEPART...	134401.6	9737	182234.59		326373.19	326373.19	2011		San Francisco	
	6	DAVID SULLIVAN	ASSISTANT DEPUTY CHIEF II	118602	8601	189082.74		316285.74	316285.74	2011		San Francisco	
	7	ALSON LEE	BATTALION CHIEF, (FIRE DEPARTMENT)	92492.01	89062.9	134426.14		315981.05	315981.05	2011		San Francisco	
	8	DAVID KUSHNER	DEPUTY DIRECTOR OF INVESTMENTS	256576.96	0	51322.5		307899.46	307899.46	2011		San Francisco	
	9	MICHAEL MORRIS	BATTALION CHIEF, (FIRE DEPARTMENT)	176932.64	86362.68	40132.23		303427.55	303427.55	2011		San Francisco	
	10	JOANNE HAYES-WHITE	CHIEF OF DEPARTMENT, (FIRE DEPARTMENT)	285262	0	17115.73		302377.73	302377.73	2011		San Francisco	
	11	ARTHUR KENNEY	ASSISTANT CHIEF OF DEPARTMENT, (FIRE DEP...	194999.39	71344.88	33149.9		299494.17	299494.17	2011		San Francisco	
	12	PATRICIA JACKSON	CAPTAIN III (POLICE DEPARTMENT)	99722	87082.62	110804.3		297608.92	297608.92	2011		San Francisco	

Administration Schemas

salaries 3 x

Read Only



## Navigator

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  - sys
  - world

Query 1 salaries



Limit to 1000 rows

```
1
2 • select EmployeeName, JobTitle FROM salaries
```

Result Grid Filter Rows: Exports Wrap Cell Contents Fetch rows:

	EmployeeName	JobTitle
▶	NATHANIEL FORD	GENERAL MANAGER-METROPOLITAN TRANSIT ...
	GARY JIMENEZ	CAPTAIN III (POLICE DEPARTMENT)
	ALBERT PARDINI	CAPTAIN III (POLICE DEPARTMENT)
	CHRISTOPHER CHONG	WIRE ROPE CABLE MAINTENANCE MECHANIC
	PATRICK GARDNER	DEPUTY CHIEF OF DEPARTMENT,(FIRE DEPART...
	DAVID SULLIVAN	ASSISTANT DEPUTY CHIEF II
	ALSON LEE	BATTALION CHIEF, (FIRE DEPARTMENT)
	DAVID KUSHNER	DEPUTY DIRECTOR OF INVESTMENTS
	MICHAEL MORRIS	BATTALION CHIEF, (FIRE DEPARTMENT)
	JOANNE HAYES-WHITE	CHIEF OF DEPARTMENT, (FIRE DEPARTMENT)
	ARTHUR KENNEY	ASSISTANT CHIEF OF DEPARTMENT, (FIRE DEP...
	PATRICIA JACKSON	CAPTAIN III (POLICE DEPARTMENT)

salaries 2

Read Only

Administration Schemas

Information

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	14:54:48	DROP DATABASE 'my_db'	0 row(s) affected	0.063 sec
✓ 2	15:00:37	SHOW SESSION VARIABLES LIKE 'lower_case_table_names'	OK	0.000 sec
✓ 3	15:00:37	SHOW DATABASES	OK	0.000 sec
✓ 4	15:01:02	SHOW SESSION VARIABLES LIKE 'lower_case_table_names'	OK	0.000 sec
✓ 5	15:01:02	SHOW TABLES FROM 'mydb' like 'salaries'	OK	0.000 sec
✓ 6	15:01:20	CREATE TABLE 'mydb'. 'salaries' ('Id' int, 'EmployeeName' text, 'JobTitle' text, 'BasePay' double, 'OvertimePa...	OK	0.000 sec

Object Info Session

Navigator

SCHEMAS

Filter objects

mydb

- Tables
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- sys
- world

Query 1 x salaries

Limit to 1000 rows

```
1
2 • select BasePay,OtherPay FROM salaries where BasePay < OtherPay
```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	BasePay	OtherPay
▶	167411.18	400184.25
	77916	198306.9
	134401.6	182234.59
	118602	189082.74
	92492.01	134426.14
	99722	110804.3
	92080.8	133695.76
	110661.2	111446.2
	102571.24	128543.64
	92782.61	135684.25
	85578.61	104030.1
	73754.05	139279.69

Navigator

SCHEMAS

Filter objects

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Administration Schemas

Information

Query 1 x salaries

Limit to 1000 rows

```
1 • select count(distinct JobTitle) from salaries
```

Result Grid

	count(distinct JobTitle)
▶	1561

Filter Rows: Export: Wrap Cell Content: Read Only

Output

Navigator

SCHEMAS

Filter objects

mydb

- Tables
  - salaries
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    - Indexes
    - Foreign Keys
    - Triggers
  - Views
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- world

Administration Schemas

Query 1 x salaries

Limit to 1000 rows

```
1 • select count(distinct JobTitle) from salaries;
2
3 • select AVG (BasePay) from salaries;
4
```

Result Grid

AVG (BasePay)
66801.87760133465

Filter Rows: Export: Wrap Cell Content: Read Only

Navigator: SCHEMAS

Filter objects

mydb

- Tables
  - salaries
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    - Indexes
    - Foreign Keys
    - Triggers
  - Views
  - Stored Procedures
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- sakila
- sys
- world

Administration Schemas

Information

Query 1 salaries

Limit to 1000 rows

```
1 • select count(distinct JobTitle) from salaries;
2
3 • select AVG (BasePay) from salaries;
4 • select EmployeeName, TotalPay from salaries order by TotalPay desc limit 10;
```

Result Grid

Filter Rows:

Export: Wrap Cell Content: Fetch rows:

	EmployeeName	TotalPay
▶	NATHANIEL FORD	567595.43
	GARY JIMENEZ	538909.28
	Gary Altenberg	362844.66
	John Goldberg	350403.41
	Samson Lai	347102.32
	Gregory P Suhr	339282.07
	Frederick Binkley	337204.86
	Joanne M Hayes-White	336922.01
	Khoa Trinh	336393.73
	Ellen G Moffatt	335537.96

salaries 11 x

Read Only

Navigator

SCHEMAS

Filter objects

mydb

- Tables
  - salaries
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    - Indexes
    - Foreign Keys
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- world

Administration Schemas Information

Query 1 salaries

Limit to 1000 rows

```
1 • select count(distinct JobTitle) from salaries;
2
3 • select AVG (BasePay) from salaries;
4 • select EmployeeName, TotalPay from salaries order by TotalPay desc limit 10;
5
6 • select EmployeeName, (BasePay + OvertimePay + OtherPay)/3 as "Average Pay" from salaries;
```

Result Grid

Filter Rows:

Export: Wrap Cell Content: Fetch rows:

EmployeeName	Average Pay
NATHANIEL FORD	189198.47666666665
GARY JIMENEZ	179636.42666666667
ALBERT PARDINI	111759.96999999999
CHRISTOPHER CHONG	110781.20333333332
PATRICK GARDNER	108791.06333333334
DAVID SULLIVAN	105428.58
ALSON LEE	105327.01666666666
DAVID KUSHNER	102633.15333333332
MICHAEL MORRIS	101142.51666666666
JOANNE HAYES-WHITE	100792.57666666666
ARTHUR KENNEY	99831.39000000001
PATRICIA JACKSON	99202.97333333333

Result 12

Read Only



Navigator: **mydb**

- Tables
  - salaries
    - Columns
    - Indexes
    - Foreign Keys
    - Triggers
  - Views
  - Stored Procedures
  - Functions
- sakila
- sys
- world

Query 1 x salaries

Limit to 1000 rows

```
2
3 • select AVG (BasePay) from salaries;
4 • select EmployeeName, TotalPay from salaries order by TotalPay desc limit 10;
5
6 • select EmployeeName, (BasePay + OvertimePay + OtherPay)/3 as "Average Pay" from salaries;
7
8 • select EmployeeName, JobTitle from salaries where JobTitle like '%Manager%';
```

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

EmployeeName	JobTitle
NATHANIEL FORD	GENERAL MANAGER-METROPOLITAN TRANSIT ...
EDWARD REISKIN	GENERAL MANAGER-METROPOLITAN TRANSIT ...
KEVIN BARRY	MANAGER VII
MIVIC HIROSE	MANAGER VIII
JULIE LABONTE	MANAGER VIII
AMPARO RODRIGUEZ	NURSE MANAGER
HARVEY ELWIN	MANAGER VIII
SUSAN BUCHBINDER	MANAGER VIII
JOHN BROWN	MANAGER VIII
ROSELYN JEQUINTO	NURSE MANAGER
COLLEEN RILEY	MANAGER VIII
ROLAND PICKENS	MANAGER VIII

Administration Schemas salaries 13 x Read Only





Navigator

SCHEMAS

Filter objects

mydb

- Tables
  - salaries
    - Columns
    - Indexes
    - Foreign Keys
    - Triggers
- Views
- Stored Procedures
- Functions

sakila

sys

world

Query 1 x salaries

```

4 • select EmployeeName, TotalPay from salaries order by TotalPay desc limit 10;
5
6 • select EmployeeName, (BasePay + OvertimePay + OtherPay)/3 as "Average Pay" from salaries;
7
8 • select EmployeeName, JobTitle from salaries where JobTitle like '%Manager%';
9
10 • select EmployeeName, JobTitle, TotalPay from salaries where TotalPay between 125000 and 150000 and JobTitle like '%Director%';
    
```

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

EmployeeName	JobTitle	TotalPay
ANA ALVAREZ	DEPUTY DIRECTOR II	147520.57
ELAINE FORBES	DEPUTY DIRECTOR III	146718.76
ALLISON MAGEE	DEPUTY DIRECTOR III	144455.05
NOELLE SIMMONS	DEPUTY DIRECTOR II	144451.54
DONALD ELLISON	DEPUTY DIRECTOR I - MUNICIPAL TRANSPORT...	141078.06
MARTIN TARAS	IS PROJECT DIRECTOR	138573.61
KELLEY AMDUR	DEPUTY DIRECTOR II	138129.44
LISA GHOTBI	DEPUTY DIRECTOR III	138008.2
PEDRO SAPIDA	IS PROJECT DIRECTOR	137307.9
LINDA SIMON	DEPUTY DIRECTOR II	137242.5
EPHREM NAIZGHI	IS PROJECT DIRECTOR	136939.1
BOB PALACIO	DEPUTY DIRECTOR II	136259.62

Administration Schemas

Information

Schema: mydb

Object Info Session

salaries 14 x Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 24	15:36:19	select EmployeeName, TotalPay from salaries order by TotalPay LIMIT 0, 1000	1000 row(s) returned	0.172 sec / 0.000 sec
✓ 25	15:36:25	select EmployeeName, TotalPay from salaries order by TotalPay desc LIMIT 0, 1000	1000 row(s) returned	0.171 sec / 0.000 sec
✓ 26	15:36:43	select EmployeeName, TotalPay from salaries order by TotalPay desc limit 10	10 row(s) returned	0.187 sec / 0.000 sec
✓ 27	15:39:38	select EmployeeName, (BasePay + OvertimePay + OtherPay)/3 as "Average Pay" from salaries LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
✓ 28	15:42:21	select EmployeeName, JobTitle from salaries where JobTitle like "%Manager%" LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.062 sec
✓ 29	15:46:12	select EmployeeName, JobTitle, TotalPay from salaries where TotalPay between 125000 and 150000 and Job...	127 row(s) returned	0.172 sec / 0.000 sec

Navigator

SCHEMAS

Filter objects

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Query 1 x salaries

Limit to 1000 rows

```

6 • select EmployeeName, (BasePay + OvertimePay + OtherPay)/3 as "Average Pay" from salaries;
7
8 • select EmployeeName, JobTitle from salaries where JobTitle like '%Manager%';
9
10 • select EmployeeName, JobTitle, TotalPay from salaries where TotalPay between 125000 and 150000 and JobTitle like '%Director%';
11
12 • select JobTitle, sum(TotalPay) as TotalSalary from salaries group by JobTitle;
  
```

Result Grid

Filter Rows: Export: Wrap Cell Content: Fetch rows:

JobTitle	TotalSalary
GENERAL MANAGER-METROPOLITAN TRANSIT ...	798422.55
CAPTAIN III (POLICE DEPARTMENT)	7836004.05
WIRE ROPE CABLE MAINTENANCE MECHANIC	1160587.94
DEPUTY CHIEF OF DEPARTMENT,(FIRE DEPART...	838078.68
ASSISTANT DEPUTY CHIEF II	1143622.5299999998
BATTALION CHIEF, (FIRE DEPARTMENT)	9749499.16
DEPUTY DIRECTOR OF INVESTMENTS	307899.46
CHIEF OF DEPARTMENT, (FIRE DEPARTMENT)	302377.73
ASSISTANT CHIEF OF DEPARTMENT, (FIRE DEP...	610283.5499999999
EXECUTIVE CONTRACT EMPLOYEE	2176223.1300000004
DEPARTMENT HEAD V	1636838.2599999998
COMMANDER III, (POLICE DEPARTMENT)	1435955.55

Result 15 x

Read Only

**Navigator**

**SCHEMAS**

Filter objects

- mydb
  - Tables
    - departments
    - salaries
      - Columns
      - Indexes
      - Foreign Keys
      - Triggers
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  - Functions
- sakila
- sys
- world

Query 1 x salaries

Limit to 1000 rows

```

26 ('Technician', 'Maintenance'),
27 ('Clerk', 'Administration');
28
29 • select * from departments;
30
31 • Select s.EmployeeName, s.JobTitle, d.DepartmentName, s.TotalPay from salaries s
32 inner join departments d ON s.JobTitle like CONCAT('%', d.JobTitle, '%');
33

```

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

EmployeeName	JobTitle	DepartmentName	TotalPay
RAYMOND LUI	SENIOR ENGINEER	Engineering	154104.43
CARLOS JACOBO	MANAGER VI	Management	154050.45
EDWARD SWEENEY	DEPUTY DIRECTOR III	Executive Board	153987.53
RONALD BELL	IS ENGINEER - PRINCIPAL	Engineering	153744
CARTER ROHAN	DEPUTY DIRECTOR II - MUNICIPAL TRANSPOR...	Executive Board	153733.66
GREGORY WAGNER	MANAGER VIII	Management	153723.44
KAREN NAPITAN	NURSE MANAGER	Management	153540.24
IMELDA PRADO	NURSE MANAGER	Management	153412.38
NICOLE AVRIL	DEPUTY DIRECTOR IV	Executive Board	153305.04
CHRISTOPHER M...	MANAGER VI	Management	153202.27
BRUCE STORRS	MANAGER VI	Management	153202.26
EDWIN BATONGB...	MANAGER VI	Management	153202.22

Result 18 x

Read Only

Navigator

SCHEMAS

Filter objects

mydb

- Tables
  - departments
    - salaries
  - Columns
  - Indexes
  - Foreign Keys
  - Triggers
- Views
- Stored Procedures
- Functions

sakila

sys

world

Administration Schemas

Query 1 x salaries

Limit to 1000 rows

```
31 • Select s.EmployeeName, s.JobTitle, d.DepartmentName, s.TotalPay from salaries s
32 inner join departments d ON s.JobTitle like CONCAT('%', d.JobTitle, '%');
33
34 • select EmployeeName, JobTitle from salaries where BasePay> (select avg(BasePay) from salaries);
35
36
37
```

Result Grid | Filter Rows: | Export: | Wrap Cell Contents: | Fetch rows:

	EmployeeName	JobTitle
▶	NATHANIEL FORD	GENERAL MANAGER-METROPOLITAN TRANSIT ...
	GARY JIMENEZ	CAPTAIN III (POLICE DEPARTMENT)
	ALBERT PARDINI	CAPTAIN III (POLICE DEPARTMENT)
	CHRISTOPHER CHONG	WIRE ROPE CABLE MAINTENANCE MECHANIC
	PATRICK GARDNER	DEPUTY CHIEF OF DEPARTMENT,(FIRE DEPART...
	DAVID SULLIVAN	ASSISTANT DEPUTY CHIEF II
	ALSON LEE	BATTALION CHIEF, (FIRE DEPARTMENT)
	DAVID KUSHNER	DEPUTY DIRECTOR OF INVESTMENTS
	MICHAEL MORRIS	BATTALION CHIEF, (FIRE DEPARTMENT)
	JOANNE HAYES-WHITE	CHIEF OF DEPARTMENT, (FIRE DEPARTMENT)
	ARTHUR KENNEY	ASSISTANT CHIEF OF DEPARTMENT, (FIRE DEP...
	PATRICIA JACKSON	CAPTAIN III (POLICE DEPARTMENT)

salaries 19 x

Read Only

Navigator: SCHEMAS

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- sys
- world

Administration Schemas

Query 1 x salaries

Limit to 1000 rows

```
36 create view TopManagers as
37 select EmployeeName, JobTitle, TotalPay
38 from salaries where JobTitle LIKE '%Manager%'
39 order by TotalPay DESC
40 LIMIT 10;
41
42 select * from TopManagers;
43
```

Result Grid

	EmployeeName	JobTitle	TotalPay
▶	NATHANIEL FORD	GENERAL MANAGER-METROPOLITAN TRANSIT ...	567595.43
	Leda Rozier	Transit Manager 2	299162.31
	Theresa A Dentoni	Manager, Dept Public Health	258676.54
	Leanora Miltello	Manager VIII, MTA	255621.32
	Tomas J Aragon	Manager VIII	241390.9
	Arthur L Wang	Manager VIII	240008.92
	Amparo C Rodriguez	Nurse Manager	239136.48
	Madonna P Valencia	Manager, Dept Public Health	238598.6
	Mivic Hirose	Manager VIII	237672.7
	Amparo C Rodriguez	Nurse Manager	236721.3

TopManagers 20 x

Read Only



Navigator

SCHEMAS

Filter objects

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Query 1 x

salaries

Limit to 1000 rows

```

40  LIMIT 10;
41
42  • select * from TopManagers;
43
44  • Create INDEX idx_TotalPay on salaries (TotalPay);
45  • select d.DepartmentName from departments d Join salaries s on s.JobTitle like concat('%', d.JobTitle, '%')
46  where s.TotalPay > (select AVG(TotalPay) from salaries);
    
```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Fetch rows:

DepartmentName
Administration
Administration
Engineering
Engineering
Engineering
Business Intelligence
Business Intelligence
Management
Administration
Maintenance
Management
Administration

Administration Schemas

Result 21 x

Read Only