

Report.3.SELECT

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1 All info of all employees

```
select * from employees;
```

499989	1954-05-26	Keiichi	Lindqvist	M	1993-10-28
499990	1963-11-03	Khaled	Kohling	M	1985-10-10
499991	1962-02-26	Pohua	Sichman	F	1989-01-12
499992	1960-10-12	Siamak	Salverda	F	1987-05-10
499993	1963-06-04	DeForest	Mullainathan	M	1997-04-07
499994	1952-02-26	Navin	Argence	F	1990-04-24
499995	1958-09-24	Dekang	Lichtner	F	1993-01-12
499996	1953-03-07	Zito	Baaz	M	1990-09-27
499997	1961-08-03	Berhard	Lenart	M	1986-04-21
499998	1956-09-05	Patricia	Breugel	M	1993-10-13
499999	1958-05-01	Sachin	Tsukuda	M	1997-11-30

300024 rows in set (0.32 sec)

2 All info of all departments

```
select * from departments;
```

```
[mysql> select * from departments;
```

dept_no	dept_name
d009	Customer Service
d005	Development
d002	Finance
d003	Human Resources
d001	Marketing
d004	Production
d006	Quality Management
d008	Research
d007	Sales

```
9 rows in set (0.00 sec)
```

3 Full names of all employees

```
select concat(first_name, ' ', last_name) as fullname  
from employees;
```

Nathan Ranta
Rimli Dusink
Bangqing Kleiser
Keiichiro Lindqvist
Khaled Kohling
Pohua Sichman
Siamak Salverda
DeForest Mullainathan
Navin Argence
Dekang Lichtner
Zito Baaz
Berhard Lenart
Patricia Breugel
Sachin Tsukuda

```
300024 rows in set (1.44 sec)
```

4 Names of all departments

```
select dept_name from departments;
```

```
[mysql> select dept_name from departments;
```

dept_name
Customer Service
Development
Finance
Human Resources
Marketing
Production
Quality Management
Research
Sales

```
+-----+
9 rows in set (0.00 sec)
```

5 Full names of employees working in Sales department

```
select distinct concat(first_name, '_', last_name) as fullname
from employees
join dept_emp on employees.emp_no = dept_emp.emp_no
join departments on dept_emp.dept_no = departments.dept_no
where dept_name = 'Sales';
```

Raimond Leuchs
Mong Usdin
Make Terekhov
Aloke Wuwongse
Masako Angiulli
Christ Murtagh
Youpyo Perfilyeva
Leszek Pulkowski
Gaetan Veldwijk
Mihalis Crabtree
Bangqing Bodoff
Guozhong Felder
Gino Usery
Nathan Ranta
Rimli Dusink
Bangqing Kleiser

```
+-----+
51554 rows in set (0.38 sec)
```

6 Full names of male employees working in Finance department

```
select distinct concat(first_name, '_', last_name) as fullname
from employees
join dept_emp on employees.emp_no = dept_emp.emp_no
join departments on dept_emp.dept_no = departments.dept_no
where dept_name = 'Finance';
```

```
where gender = 'M' and dept_name = 'Finance';
```

```
| Parto Kambil |
| Haldun Mullainathan |
| Ynte Potthoff |
| Nagui Stamatiou |
| Bernd Gluchowski |
| Phillip Panienski |
| Sastry Szmurlo |
| Jacopo Hasham |
| Moon Pleszkun |
| Hercules Porotnikoff |
| Shaz Bierbaum |
| Masali Chorvat |
| Keiichiro Lindqvist |
| Patricia Breugel |
+-----+
10306 rows in set (0.07 sec)
```

7 Salaries of female employees working in Marketing department

```
select distinct salary from salaries
join employees on salaries.emp_no = employees.emp_no
join dept_emp on employees.emp_no = dept_emp.emp_no
join departments on dept_emp.dept_no = departments.dept_no
where gender = 'F' and dept_name = 'Marketing';
```

```
| 50162 |
| 53174 |
| 65163 |
| 69329 |
| 72602 |
| 74052 |
| 76588 |
| 80411 |
| 81503 |
| 83907 |
| 88820 |
| 92205 |
| 43005 |
| 47320 |
| 50713 |
| 56516 |
+-----+
43513 rows in set (0.38 sec)
```

8 Full names of employees who have the same last name as their manager

```
select concat(first_name, ' ', employees.last_name) as fullname
from employees
join dept_emp on dept_emp.emp_no = employees.emp_no
join (select dept_no, last_name from employees
      join dept_manager on employees.emp_no = dept_manager.emp_no)
as manager on manager.dept_no = dept_emp.dept_no
```

```
where employees.last_name = manager.last_name;
```

```
| Stabislas Weedman |
| Shimshon Weedman |
| Yagil Weedman    |
| Valter Weedman   |
| Apostol Weedman  |
| Yuchang Weedman  |
| Maya Weedman     |
| Mamdough Weedman|
| Feipei Weedman   |
| Valdiodio Weedman|
| Saeed Weedman    |
| Wanqing Weedman  |
| Shen Weedman     |
| Dinkar Weedman   |
| Jaques Weedman   |
| Marc Weedman     |
+-----+
572 rows in set (1.22 sec)
```

9 Full names of managers who have been doing the job at least twice

```
select distinct concat(first_name, '_', last_name) as fullname,
count(dept_manager.emp_no) as num
from employees
join dept_manager on employees.emp_no = dept_manager.emp_no
group by fullname having num >=2;
```

```
mysql> select distinct concat(first_name, ' ', last_name) as fullname,
-> count(dept_manager.emp_no) as num
-> from employees join dept_manager on employees.emp_no = dept_manager.emp_no
[ -> group by fullname having num >=2;
Empty set (0.00 sec)
```

10 Full names of employees who was paid more than \$100000

```
select distinct concat(first_name, '_', last_name) as fullname
from employees
join salaries on employees.emp_no = salaries.emp_no
where salary > 100000;
```

```

| Saniya Hettesheimer |
| Foong Godskesen     |
| Lihong Pusterhofer  |
| Akeel Baez          |
| Armond Fraisse      |
| Christoph Schneeberger |
| Mong Usdin          |
| Alope Wuwongse      |
| Masako Angiulli     |
| Christ Murtagh      |
| Youpyo Perfilyeva   |
| Leszek Pulkowski    |
| Danai Hedayat       |
| Guozhong Felder     |
| Gino Usery          |
| Nathan Ranta        |
| Bangqing Kleiser    |
+-----+
18925 rows in set (10.65 sec)

```

11 Names of all departments that have employees paid more than \$100000

```

select distinct dept_name
from dept_emp
join departments on dept_emp.dept_no = departments.dept_no
join salaries on dept_emp.emp_no = salaries.emp_no
where salary > 100000;

```

```

+-----+
| dept_name |
+-----+
| Customer Service |
| Development      |
| Finance          |
| Human Resources  |
| Marketing        |
| Production       |
| Quality Management |
| Research         |
| Sales            |
+-----+
9 rows in set (0.01 sec)

```