# SQL PROJECT DEPARTMENT DATABASE MANAGEMENT REPOSITORY

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**COURSE: MASTER IN DATA SCIENCE AND ANALYTICS WITH AI** 

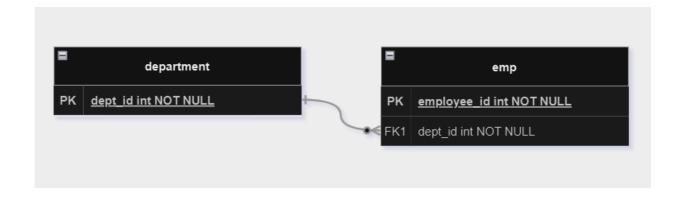
## **ABOUT DATASET:**

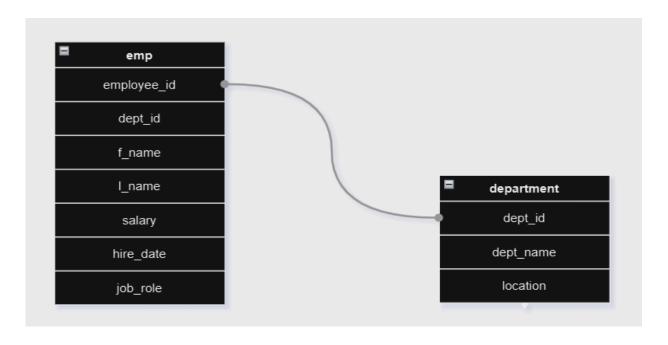
Department Management is very essential in order to maintain all details regarding the fields such as department, employee and other details if required. It includes details such as department with fields such as dept\_id, dept\_name,location and employee details which will be stored in database.

## **AVAILABLE TABLES:**

- DEPARTMENT
- EMPLOYEE

## ER Diagram:





#### 1) WRITE A QUERY TO CREATE A NEW DATABASE.

mysql> create database project; Query OK, 1 row affected (0.01 sec)

#### 2) WRITE A QUERY TO USE DATABASE.

mysql> use project; Database changed

#### 3) WRITE A QUERY TO CREATE A NEW TABLE.

mysql> create table department(dept id int primary key not null, dept name varchar(20) not null, location varchar(20)); Query OK, 0 rows affected (0.01 sec)

#### 4) WRITE A QUERY TO SEE THE SCHEMA (STRUCTURE) OF THE TABLE.

mysql> desc department;

+		+	<b>+ </b> -	+	L
Field	Туре	Null	Key	Default	Extra
dept_name	int   varchar(20)   varchar(20)	NO   NO	PRI 		
3 rows in set	(0.01 sec)				т

3 rows in set (0.01 sec)

#### 5) WRITE A QUERY TO INSERT VALUES INTO THE TABLE.

```
mysql> insert into department values(102, "accounting", "delhi"),
    -> (103,"hr","pune"),
-> (104,"research","mumbai"),
    -> (105, "sales", "surat");
Query OK, 4 rows affected (0.01 sec)
Records: 4 Duplicates: 0 Warnings: 0
```

#### 6) WRITE A QUERY TO SEE THE CONTENT OF THE TABLE.

```
mysql> select * from department;
+-----+
| dept_id | dept_name | location |
+----+
| 102 | accounting | delhi |
| 103 | hr | pune |
| 104 | research | mumbai |
| 105 | sales | surat |
+----+
4 rows in set (0.00 sec)
```

mysql> create table employee(emp\_id int not null,dept\_id int,f\_name
varchar(20),l\_name varchar(20),salary int,hire\_date varchar(20) not
null,job role varchar(20),primary key(emp id),foreign key(dept id)

references department(dept\_id));
Query OK, 0 rows affected (0.02 sec)

mysql> desc employee;

+		+		<u> </u>	+
Field	Туре	Null	Key	   Default	Extra
<pre>  emp_id</pre>	int int varchar(20) varchar(20) int varchar(20) varchar(20)	NO	PRI   MUL	NULL NULL NULL NULL NULL NULL NULL	         

7 rows in set (0.00 sec)

mysql> insert into employee values(01,102, "abhishek", "gurav", 50000, "10-09-2023", "manager"),

- -> (02,103,"sneha","shinde",35000,"01-01-2024","accountant"),
- -> (03,104,"sai","lavate",25000,"08-11-2020","salesman"),
- -> (04,105, "kajal", "rawat",10000, "29-05-2024", "accountant");

Query OK, 4 rows affected (0.01 sec)

Records: 4 Duplicates: 0 Warnings: 0

mysql> select \* from employee;

	emp_id		_	· —		hire_date	· ·
	1   2   3   4	102 103 104	abhishek   sneha	1	50000 35000 25000	10-09-2023   01-01-2024   08-11-2020   29-05-2024	manager     accountant     salesman     accountant
-			+	+	+	+	

#### 7) WRITE A QUERY TO ADD AGE & EMAIL COLUMNS IN TABLE EMPLOYEE.

mysql> alter table employee

- -> add column age int,
- -> add column email varchar(20);

Query OK, 0 rows affected (0.02 sec)

Records: 0 Duplicates: 0 Warnings: 0

#### mysql> desc employee;

Field	+   Type +	+   Null +		Default   	·
<pre>  emp_id   dept_id   f_name   l_name   salary   hire_date   job_role   age   email</pre>	int   int   varchar(20)   varchar(20)   int   varchar(20)   varchar(20)   int   varchar(20)	NO YES YES YES YES NO YES YES YES	PRI   MUL         	NULL NULL NULL NULL NULL NULL NULL NULL	             

9 rows in set (0.00 sec)

#### 8) WRITE A QUERY TO DELETE AGE COLUMN FROM TABLE EMPLOYEE.

mysql> alter table employee

-> drop column age ;

Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

#### mysql> desc employee;

1			1				I	1
     	Field	Type	    -	Null		_	Default	
†	emp_id dept_id f_name l_name salary hire_date job_role email	int   int   varchar(20)   varchar(20)   int   varchar(20)   varchar(20)	+	NO YES YES YES YES NO YES YES	+	PRI MUL	NULL NULL NULL NULL NULL NULL NULL	
- 1		I	- 1		1		I	1 1

#### 9) WRITE A QUERY TO MODIFY DATATYPE OF COLUMN EMP\_ID FROM TABLE EMPLOYEE.

mysql> alter table employee
 -> modify column emp\_id varchar(20);
Query OK, 4 rows affected (0.05 sec)
Records: 4 Duplicates: 0 Warnings: 0

#### mysql> desc employee;

Field	Туре	Null		   Default +	
<pre>  emp_id   dept_id   f_name   l_name   salary   hire_date   job_role   email</pre>	varchar(20) int varchar(20) varchar(20) int varchar(20) varchar(20) varchar(20)	NO   YES   YES   YES   YES   NO   YES   YES	PRI   MUL       	NULL   NULL   NULL   NULL   NULL   NULL   NULL	

8 rows in set (0.00 sec)

# 10) WRITE A QUERY TO CHANGE NAME OF COLUMN EMP\_ID TO EMPLOYEE\_ID FROM TABLE EMPLOYEE.

mysql> alter table employee
 -> rename column emp\_id to employee\_id;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

## mysql> desc employee;

		•	•		•
Field	Туре 	•		Default	
employee id	varchar(20)	•	'   PRI	NULL	· 
dept_id	int	YES	MUL	NULL	I
f_name	varchar(20)	YES		NULL	
l_name	varchar(20)	YES		NULL	
salary	int	YES		NULL	
hire_date	varchar(20)	NO		NULL	
job_role	varchar(20)	YES		NULL	I
email	varchar(20)	YES		NULL	

# 11) WRITE A QUERY TO CHANGE NAME OF TABLE EMPLOYEE TO EMP FROM TABLE EMPLOYEE.

mysql> alter table employee
 -> rename to emp;
Query OK, 0 rows affected (0.02 sec)

mysql> desc emp;

Field	Type	Null	Key	   Default	Extra
salary     hire_date   job_role   email	•	NO YES YES YES YES NO YES YES	PRI MUL	NULL NULL NULL NULL NULL NULL NULL NULL	

8 rows in set (0.00 sec)

#### 12) WRITE A QUERY TO UPDATE SALARY OF ROW 3 FROM TABLE EMP.

mysql> update emp

- -> set salary=30000
- -> where employee id=3;

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from emp;

employee_id	dept_id	f_name	l_name	salary	hire_date 	job_role 	email
1   2   3   4	103	sneha	gurav   shinde   lavate   rawat	35000 30000	08-11-2020	accountant	NULL

4 rows in set (0.00 sec)

## 13) WRITE A QUERY TO INSERT A NEW RECORD IN TABLE DEPARTMENT.

mysql> insert into department values(106, "hr", "chennai");
Query OK, 1 row affected (0.00 sec)

mysql> select \* from department;

+	   dept_name	++   location   +
103 104	accounting hr research sales hr	pune

#### 14) WRITE A QUERY TO DELETE ROW FROM TABLE DEPARTMENT.

mysql> delete from department
 -> where dept\_id=106;
Query OK, 1 row affected (0.00 sec)

mysql> select \* from department;

	L	
dept_id	dept_name	
103   104	accounting hr	'

4 rows in set (0.00 sec)

mysql> select \* from emp;

employee_id	dept_id	f_name	l_name	salary	hire_date	job_role	email
1   2   3   4	103 104	abhishek   sneha   sai   kajal	gurav   shinde   lavate   rawat	35000 30000	10-09-2023     01-01-2024     08-11-2020     29-05-2024	accountant salesman	NULL NULL NULL

4 rows in set (0.00 sec)

# 15) WRITE A QUERY TO FETCH DEPT\_ID,F\_NAME,HIRE\_DATE,JOB\_ROLE FROM TABLE EMP WHERE SALARY=50000.

mysql> select dept\_id,f\_name,hire\_date,job\_role from emp
 -> where salary = 50000;

				,			
	dept_id	İ	f_name	+   hire_date		job_role	
+.	102	İ	abhishek	+   10-09-2023 +		manager	
Τ.				T	Τ.		

1 row in set (0.00 sec)

# 16) WRITE A QUERY TO FETCH F\_NAME, L\_NAME, SALARY FROM TABLE EMP WHERE SALARY!=35000.

mysql> select f name, l name, salary from emp where salary!=35000;

+	+	+	+
f_name	l_name	salary	
abhishek   sai   kajal	gurav   lavate   rawat	50000   30000   10000	
1	1	1	

#### [ LOGICAL OPERATORS :- (AND,OR,NOT) ]

#### 17) AND OPERATOR :-

1 row in set (0.00 sec)

#### 18) OR OPERATOR :-

mysql> select \* from emp where job\_role="manager" or salary>10000;

employee_id	dept_id	f_name	_	-	hire_date	_	email
1	103	sneha	shinde	35000	01-01-2024	manager   accountant   salesman	NULL     NULL

3 rows in set (0.00 sec)

#### 19) NOT OPERATOR :-

mysql> select \* from emp where not job role="manager";

•	•	f_name	   l_name	salary	+   hire_date +	job_role	email
2   3   4	104	sneha   sai	shinde     lavate	35000 30000	01-01-2024   08-11-2020   29-05-2024	   accountant   salesman	NULL

3 rows in set (0.00 sec)

#### [ BETWEEN OPERATOR :- ]

# 20) SELECT EMPLOYEE\_ID,F\_NAME FROM EMP WHERE SALARY RANGES BETWEEN 30000-50000.

mysql> select employee\_id,f\_name from emp where salary between 30000 and 50000;

employee_i	+
1	abhishek     sneha     sai
+	+

#### [ IN OPERATOR :- ]

## 21) SELECT \* FROM EMP WHERE DEPT\_ID IS 102,105.

mysql> select \* from emp where dept id in(102,105);

employee_id	dept_id	f_name	l_name	salary	hire_date	job_role	email
1		   abhishek   kajal	gurav   rawat			manager   accountant	

2 rows in set (0.00 sec)

#### [ LIKE OPERATOR :- ]

## 22) SELECT \* FROM EMP WHERE F\_NAME STARTS WITH S.

mysql> select \* from emp where f\_name like's%';

employee_id   dept_id   f_name   l_name   salary   hire_date   job_role   email					L	<u></u>				
		employee_id	dept_id	f_name	_	-	<del>-</del>	· -	email	
_+		'					•			

2 rows in set (0.01 sec)

#### 23) SELECT \* FROM EMP WHERE L MANE ENDS WITH V.

mysql> select \* from emp where l name like'%v';

_			<del>_</del>						
ļ	employee_id	dept_id	f_name	l_name	salary	hire_date	job_role	email	
ļ	1	102	abhishek	gurav	50000	10-09-2023	manager	NULL	
Т								г	

1 row in set (0.00 sec)

#### [ LIMIT :- ]

#### 24) WRITE A QUERY TO FETCH FIRST 2 ROWS FROM TABLE EMP.

mysql> select \* from emp limit 2;

+ employee_id	dept_id	f_name	l_name	   salary	hire_date	,   job_role	   email
1   2	102	abhishek	gurav	50000	10-09-2023	manager	NULL
	103	sneha	shinde	35000	01-01-2024	accountant	NULL

2 rows in set (0.00 sec)

# 25) WRITE A QUERY TO FETCH 2ND & 3RD ROW FROM TABLE EMP USING LIMIT CLAUSE.

mysql> select \* from emp limit 1,2;

employee_id		_	l_name	salary	+   hire_date +	job_role	++   email   ++
2     3	103	sneha	shinde	35000	01-01-2024   08-11-2020	accountant	NULL

#### [ ORDER BY :- ]

#### 26) WRITE A QUERY TO SORT SALARY FROM TABLE EMP IN ASCENDING ORDER.

mysql> select \* from emp order by salary;

employee_id	dept_id	f_name	l_name	salary	hire_date	job_role 	email
4   3   2   1	105 104 103 102	kajal   sai   sneha   abhishek	rawat   lavate   shinde   gurav	30000 35000	29-05-2024   08-11-2020   01-01-2024   10-09-2023		NULL   NULL   NULL

4 rows in set (0.00 sec)

#### 27) WRITE A QUERY TO SORT SALARY FROM TABLE EMP IN DESCENDING ORDER.

mysql> select \* from emp order by salary desc;

employee_id		•	'	'	'	job_role	++   email   ++
1   2   3   4	103 104	sneha	gurav   shinde   lavate   rawat	35000 30000	01-01-2024	manager   accountant	NULL

4 rows in set (0.00 sec)

#### [ ALIAS (AS) :- ]

# 28) WRITE A QUERY TO GIVE A TEMPORARY NAME TO COLUMN EMPLOYEE\_ID AS ID FROM TABLE EMP.

```
mysql> select employee_id as id from emp;
+---+
| id |
+---+
| 1 |
| 2 |
| 3 |
| 4 |
+---+
4 rows in set (0.00 sec)
```

### [ STRING FUNCTIONS :- ]

#### 29) WRITE A QUERY TO JOIN F\_NAME & L\_NAME.

30) WRITE A QUERY TO CONVERT ALL LETTERS INTO UPPERCASE.

31) WRITE A QUERY TO CONVERT ALL LETTERS INTO LOWERCASE.

32) WRITE A QUERY TO REPLACE OLD STRING WITH NEW STRING.

33) WRITE A QUERY TO REVERSE THE STRING.

```
mysql> select reverse("hello") as reverse;
+-----+
| reverse |
+-----+
| olleh |
+-----+
1 row in set (0.00 sec)
```

34) WRITE A QUERY TO CALCULATE NUMBER OF CHARACTERS OF THE STRING.

```
mysql> select length("royal challengers bengaluru") as length;
+----+
| length |
+----+
| 27 |
+----+
1 row in set (0.00 sec)
```

35) WRITE A QUERY TO RETURN A PARTICULAR PART OF THE STRING.

```
mysql> select substring("royal challengers bengaluru",19,9) as substring;
+-----+
| substring |
+-----+
| bengaluru |
+-----+
1 row in set (0.00 sec)
```

36) WRITE A QUERY TO REMOVE UNWANTED WHITE SPACES FROM BOTH SIDES OF THE STRING.

```
mysql> select trim(" india ") as trim;
+----+
| trim |
+----+
| india |
+----+
1 row in set (0.00 sec)
```

37) WRITE A QUERY TO REMOVE UNWANTED WHITE SPACES FROM LEFT SIDE OF THE STRING.

38) WRITE A QUERY TO REMOVE UNWANTED WHITE SPACES FROM RIGHT SIDE OF THE STRING.

#### [ MATH FUNCTIONS :- ]

#### 39) WRITE A QUERY TO FIND THE ABSOLUTE VALUE.

```
mysql> select abs(-786) as absolute;
+-----+
| absolute |
+-----+
| 786 |
+-----+
1 row in set (0.00 sec)
```

#### 40) WRITE A QUERY TO FIND THE MODULUS.

```
mysql> select mod(20,3) as remainder;
+-----+
| remainder |
+-----+
| 2 |
+-----+
1 row in set (0.00 sec)
```

#### 41) WRITE A QUERY TO FIND FLOOR VALUE.

```
mysql> select floor(478.832) as floor;
+----+
| floor |
+----+
| 478 |
+----+
1 row in set (0.00 sec)
```

#### 42) WRITE A QUERY TO FIND CEILING VALUE.

```
mysql> select ceiling(478.832) as ceiling;
+-----+
| ceiling |
+-----+
| 479 |
+-----+
1 row in set (0.00 sec)
```

#### 43) WRITE A QUERY TO FIND TRUNCATE VALUE.

```
mysql> select truncate(478.832,2) as truncate;
+-----+
| truncate |
+-----+
| 478.83 |
+-----+
1 row in set (0.00 sec)
```

#### [ AGGREGATE FUNCTIONS :- ]

44) WRITE A QUERY TO FIND THE AVERAGE SALARY FROM EMP.

```
mysql> select avg(salary) from emp as average_salary;
+----+
| avg(salary) |
+----+
| 31250.0000 |
+----+
1 row in set (0.01 sec)
```

45) WRITE A QUERY TO FIND THE SUM OF SALARY FROM EMP.

```
mysql> select sum(salary) from emp as sum_of_salary;
+-----+
| sum(salary) |
+-----+
| 125000 |
+-----+
1 row in set (0.00 sec)
```

46) WRITE A QUERY TO FIND THE MINIMUM SALARY FROM EMP.

```
mysql> select min(salary) from emp as min_of_salary;
+-----+
| min(salary) |
+-----+
| 10000 |
+-----+
1 row in set (0.00 sec)
```

47) WRITE A QUERY TO FIND THE MAXIMUM SALARY FROM EMP.

```
mysql> select max(salary) from emp as max_of_salary;
+-----+
| max(salary) |
+-----+
| 50000 |
+-----+
1 row in set (0.00 sec)
```

48) WRITE A QUERY TO FIND THE COUNT OF SALARY FROM EMP.

```
mysql> select count(salary) from emp as count_of_salary;
+-----+
| count(salary) |
+-----+
| 4 |
+-----+
1 row in set (0.00 sec)
```

#### [ AGGREGATE FUNCTIONS WITH GROUP-BY :- ]

49) WRITE A QUERY TO FIND THE AVERAGE SALARY FROM EMP USING GROUP-BY JOB\_ROLE(COLUMN).

50) WRITE A QUERY TO FIND THE SUM OF SALARY FROM EMP USING GROUP-BY JOB ROLE (COLUMN) .

51) WRITE A QUERY TO FIND THE MINIMUM SALARY FROM EMP USING GROUP-BY JOB ROLE (COLUMN).

52) WRITE A QUERY TO FIND THE MAXIMUM SALARY FROM EMP USING GROUP-BY JOB ROLE (COLUMN).

53) WRITE A QUERY TO FIND THE COUNT OF SALARY FROM EMP USING GROUP-BY JOB\_ROLE(COLUMN).

#### [ HAVING CLAUSE :- ]

54) WRITE A QUERY TO FIND THE SUM OF SALARY FROM EMP USING GROUP-BY JOB ROLE (COLUMN) HAVING SUM OF SALARY>30000.

```
mysql> select sum(salary),job_role from emp
    -> group by job_role
    -> having sum(salary)>30000;
+-----+
| sum(salary) | job_role |
+-----+
| 50000 | manager |
| 45000 | accountant |
+-----+
2 rows in set (0.00 sec)
```

55) WRITE A QUERY TO FIND COUNT OF \* FROM EMP WHERE SALARY<50000 USING GROUP-BY JOB ROLE (COLUMN) HAVING COUNT OF \* >=1.

#### [ JOINS :- ]

#### 56) WRITE A QUERY TO INNER JOIN DEPARTMENT TO EMP.

mysql> select \* from department

- -> inner join emp
- -> on department.dept id = emp.dept id;

dept_id	dept_name	location	+   employee_id	+   dept_id	+   f_name	1_name	+   salary	+   hire_date	+   job_role	++   email
103	accounting   hr   research	pune	1   2   3	103	abhishek   sneha   sai	shinde	35000	10-09-2023   01-01-2024   08-11-2020	accountant	
	sales		4		sai   kajal			29-05-2024		

<sup>4</sup> rows in set (0.00 sec)

## 57) WRITE A QUERY TO LEFT JOIN DEPARTMENT TO EMP.

mysql> select \* from department

- -> left join emp
- -> on department.dept\_id = emp.dept\_id;

	dept_id	dept_name	location	employee_id	dept_id	f_name	l_name	   salary	hire_date	job_role	email	į
	103 104	research sales	pune   mumbai	1   2   3   4   NULL	103   104   105	sneha   sai		35000 30000 10000	10-09-2023   01-01-2024   08-11-2020   29-05-2024   NULL	accountant   salesman	NULL NULL	+
-			+	+	+	+	+	+	+	+	+	+

<sup>5</sup> rows in set (0.00 sec)

#### 58) WRITE A QUERY TO RIGHT JOIN DEPARTMENT TO EMP.

mysql> select \* from department

- -> right join emp
- -> on department.dept id = emp.dept id;

			1	_		_	_				
d	ept_id	dept_name	location	employee_id	dept_id	f_name	l l_name	salary	hire_date	job_role	email
	103   104	accounting hr research sales	pune	2 3	103	abhishek   sneha   sai   kajal	shinde   lavate	35000 30000	01-01-2024	salesman	NULL

<sup>4</sup> rows in set (0.00 sec)

#### 59) WRITE A QUERY TO CROSS JOIN DEPARTMENT TO EMP.

mysql> select \* from department cross join emp;

+	dept_id	dept_name	location	+   employee_id	+   dept_id	f_name	+   l_name	salary	+   hire_date	+   job_role	+   email	+   
Ī	106	hr	chennai	1	102	abhishek	gurav	50000	10-09-2023	manager	NULL	I
-1	105 I	sales	surat	1	102	abhishek	gurav	50000	10-09-2023	manager	NULL	
	104	research	mumbai	1	102	abhishek	gurav	50000	10-09-2023	manager	NULL	
-1	103	hr	pune	1	102	abhishek	gurav	50000	10-09-2023	manager	NULL	
	102	accounting	delhi	1	102	abhishek	gurav	50000	10-09-2023	manager	NULL	
	106	hr	chennai	2	103	sneha	shinde	35000	01-01-2024	accountant	NULL	
-1	105	sales	surat	2	103	sneha	shinde	35000	01-01-2024	accountant	NULL	
-1	104	research	mumbai	2	103	sneha	shinde	35000	01-01-2024	accountant	NULL	
	103	hr	pune	2	103	sneha	shinde	35000	01-01-2024	accountant	NULL	
	102	accounting	delhi	2	103	sneha	shinde	35000	01-01-2024	accountant	NULL	
- 1	106	hr	chennai	3	104	sai	lavate	30000	08-11-2020	salesman	NULL	
- 1	105	sales	surat	3	104	sai	lavate	30000	08-11-2020	salesman	NULL	
- 1	104	research	mumbai	3	104	sai	lavate	30000	08-11-2020	salesman	NULL	
- 1	103	hr	pune	3	104	sai	lavate	30000	08-11-2020	salesman	NULL	
	102	accounting	delhi	3	104	sai	lavate	30000	08-11-2020	salesman	NULL	
	106	hr	chennai	4	105	kajal	rawat	10000	29-05-2024	accountant	NULL	
	105	sales	surat	4	105	kajal	rawat	10000	29-05-2024	accountant	NULL	
	104	research	mumbai	4	105	kajal	rawat	10000	29-05-2024	accountant	NULL	
	103	hr	pune	4	105	kajal	rawat	10000	29-05-2024	accountant	NULL	
	102	accounting	delhi	4	105	kajal	rawat	10000	29-05-2024	accountant	NULL	
+	+			<b></b>	+		+		·	<b></b>	+	+

<sup>20</sup> rows in set (0.00 sec)

# 60) WRITE A QUERY TO CROSS JOIN LOCATION FROM DEPARTMENT & F\_NAME, SALARY FROM EMP.

mysql> select emp.f\_name,emp.salary,department.location from department
cross join emp;

+	+	++
f_name	salary	location
abhishek	50000	chennai
abhishek	50000	surat
abhishek	50000	mumbai
abhishek	50000	pune
abhishek	50000	delhi
sneha	35000	chennai
sneha	35000	surat
sneha	35000	mumbai
sneha	35000	pune
sneha	35000	delhi
sai	30000	chennai
sai	30000	surat
sai	30000	mumbai
sai	30000	pune
sai	30000	delhi
kajal	10000	chennai
kajal	10000	surat
kajal	10000	mumbai
kajal	10000	pune
kajal	10000	delhi
+		L

[ SUBQUERY :- ]

```
61) WRITE A QUERY TO FIND * FROM EMP WHERE SALARY = (SUBQUERY).
mysql> select salary from emp where f name = "abhishek";
| salary |
+----+
| 50000 |
+----+
1 row in set (0.00 sec)
mysql> select * from emp where salary = (select salary from emp where
f name = "abhishek");
                  | employee_id | dept_id | f_name | l_name | salary | hire_date | job_role | email |
1 row in set (0.00 sec)
[ VIEWS :- ]
62) WRITE A QUERY TO CREATE A VIEW.
mysql> create view surat department as
   -> select dept id, dept name from department
   -> where location = 'surat';
Query OK, 0 rows affected (0.06 sec)
mysql> select * from surat department;
+----+
| dept id | dept name |
+----+
    105 | sales
+----+
1 row in set (0.01 sec)
63) WRITE A QUERY TO DROP A VIEW.
mysql> drop view surat_department;
Query OK, 0 rows affected (0.02 sec)
```