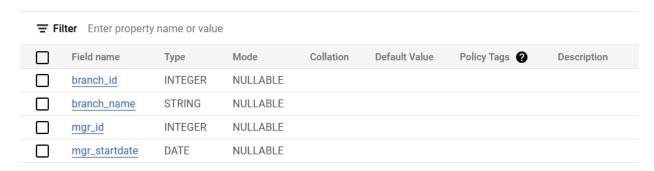
TABLE SCHEMA

1 EMPLOYEE TABLE

∓ Filt	er Ente	r property	name	or value

Field name	Туре	Mode	Collation	Default Value	Policy Tags 🔞	Description
emp_id	INTEGER	NULLABLE				
name	STRING	NULLABLE				
birthdate_	DATE	NULLABLE				
sex	STRING	NULLABLE				
salary	INTEGER	NULLABLE				
mgr_id	STRING	NULLABLE				
branch_id	INTEGER	NULLABLE				

2 BRANCH TABLE



QUERIES

1. LIST THE DETAILS OF ALL FEMALE EMPLOYEES

```
SELECT *
FROM baassign.SQL_Demo.EMP
WHERE sex = "f"
```



2. LIST THE NUMBER MALE AND FEMALE EMPLOYESS

SELECT sex,COUNT(sex) AS no_employees
FROM baassign.SQL_Demo.EMP
GROUP BY sex



3. LIST THE EMPLOYEES WHO HAVE MORE THAN 1 Lakh INCOME

SELECT *

FROM baassign.SQL_Demo.EMP

WHERE salary>100000

Que	ry results							♣ SAVE RESULTS ▼	M EXPLORE DAT	`A → \$
JOB II	NFORMATION	RESULTS	JSON	EXECUTION DE	TAILS	EXECUTION GRAPH	PREVIEW			
Row	emp_id	name		birthdate_	sex		salary	mgr_id	branch_id	
1	100	david		1967-11-17	m		250000	null	1	
2	101	jan		1961-05-11	f		110000	100	1	

4. LIST THE NAME OF EMPLOYEES WHO IS WORKING IN BRANCH STAMFORD

SELECT emp_id, branch_name, b.branch_id, name, salary
FROM baassign.SQL_Demo.EMP as e
LEFT JOIN baassign.SQL_Demo.Branch as b
ON e.branch_id=b.branch_id
WHERE branch_name= "Stamford"



LIST OF NUMBER OF EMPLOYEES IN EACH BRANCH WITH NUMBER OF EMPLOYEES (DESCENDING)

```
SELECT b.branch_name, b.branch_id, COUNT(*) AS no_employees
FROM baassign.SQL_Demo.EMP as e
LEFT JOIN baassign.SQL_Demo.Branch as b
ON e.branch_id=b.branch_id
GROUP BY b.branch_name, b.branch_id
ORDER BY no_employees desc
 Query results
                                                                             ≛ SAVE RESULTS ▼
                                                                                            ™ EXPLORE DATA ▼
 JOB INFORMATION
                 RESULTS
                           JSON
                                  EXECUTION DETAILS
                                                   EXECUTION GRAPH PREVIEW
      branch name
                         branch_id
                                   no_employees
   1 Scranton
   2 Stamford
                                         3
                                         2
      Corporate
```

LIST OF NAMES OF EMPLOYEES WHO ARE WORKING IN CORPORATE AND STARTED WORKING BEFORE 2000



LIST THE NAME OF EMPLOYEES WHO IS WORKING UNDER MANAGER ID 106 IN STAMFORD

```
SELECT e.name, b.branch_name, e.mgr_id
FROM baassign.SQL_Demo.EMP as e
LEFT JOIN baassign.SQL_Demo.Branch as b
ON e.branch_id=b.branch_id
WHERE b.branch_name= "Stamford"
AND e.mgr_id= "106"
```



8. TOTAL SALARY PAID TO EMPLOYEES FROM EACH BRANCH

```
SELECT b.branch_name, SUM(e.salary) AS total_salary FROM baassign.SQL_Demo.EMP as e LEFT JOIN baassign.SQL_Demo.Branch as b ON e.branch_id=b.branch_id GROUP BY b.branch_name ORDER BY total_salary desc
```

Que	ry results					▲ SAVE RESULTS ▼	m EXPLORE DATA ▼	0
JOB	NFORMATION	RESULTS	JSON	EXECUTION DETAILS	EXECUTION GRAPH PREVIEW			
Row	branch_name		total_salary					
1	Corporate		360000					
2	Scranton		262000					
3	Stamford		214000					

9. TOTAL, MAXIMUM AND MINIMUM SALARY PAID TO MALE AND FEMALE

```
SELECT sex,
SUM(salary) as total_salary,
max(salary) as max_salary,
Min(salary) as Min_salary
FROM baassign.SQL_Demo.EMP
group by sex
```



10.LIST OF MALE AND FEMALES HAVING SALARY IN CORPORATE

```
SELECT s.sex, SUM(s.salary) AS total_salary FROM baassign.SQL_Demo.EMP as s LEFT JOIN `baassign.SQL_Demo.Branch` as e ON s.branch_id = e.branch_id group by s.sex ,e.branch_name HAVING e.branch_name like "Corporate"
```

