

Practical 9: Study of subqueries with all its clauses

Dharmit Shah FYIT 75

1. Display the employee name whose salary is greater than the salary of employee 7566.

```
select ename from emp_dharmit
where sal > (select sal from emp_dharmit where empno=7566);
```

Results Explain Describe Saved SQL History

ENAME
KING
SCOTT
FORD

3 rows returned in 0.00 seconds

[CSV Export](#)

2. Display the employee name, sal, job of the employee whose job is similar to the employee 7369.

```
select ename,sal,job from emp_dharmit
where job in (select job from emp_dharmit where empno=7369);
```

Results Explain Describe Saved SQL History

ENAME	SAL	JOB
SMITH	800	CLERK
ADAMS	1100	CLERK
JAMES	950	CLERK
MILLER	1300	CLERK

4 rows returned in 0.01 seconds

[CSV Export](#)

3. Display the employee name with the salary less than any salary of job type CLERK.

```
select * from emp_dharmit
where sal < any(select sal from emp_dharmit where job='CLERK');
```

Results Explain Describe Saved SQL History

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7369	SMITH	CLERK	7902	17-DEC-80	800	-	20
7900	JAMES	CLERK	7698	03-DEC-81	950	-	30
7876	ADAMS	CLERK	7788	23-MAY-87	1100	-	20
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30

5 rows returned in 0.02 seconds

[CSV Export](#)

4. Display the employee name, salary, department id, job id for those employees who works in the same designation as the employee works whose id is 7900.

```
select ename,sal,deptno,job from emp_dharmit
where job = (select job from emp_dharmit where empno=7900);|
```

Results Explain Describe Saved SQL History

ENAME	SAL	DEPTNO	JOB
SMITH	800	20	CLERK
ADAMS	1100	20	CLERK
JAMES	950	30	CLERK
MILLER	1300	10	CLERK

4 rows returned in 0.00 seconds

[CSV Export](#)

5. Display the detail of the department whose manager ecode = '7698'.

```
select * from dept_dharmit
where deptno = (select distinct deptno from emp_dharmit where mgr=7698);
```

Results Explain Describe Saved SQL History

DEPTNO	DNAME	LOC
30	sales	chicago

1 rows returned in 0.00 seconds

[CSV Export](#)

6. Display the employees whose salary is greater than any MANAGER.

```
select * from emp_dharmit
where sal > any(select sal from emp_dharmit where job='MANAGER');
```

Results Explain Describe Saved SQL History

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7839	KING	PRESIDENT	-	17-NOV-81	5000	-	10
7788	SCOTT	ANALYST	7566	19-APR-87	3000	-	20
7902	FORD	ANALYST	7566	03-DEC-81	3000	-	20
7566	JONES	MANAGER	7839	02-APR-81	2975	-	20
7698	BLAKE	MANAGER	7839	01-MAY-81	2850	-	30

5 rows returned in 0.02 seconds

[CSV Export](#)