

### Physical Table With Data

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7839	KING	PRESIDENT		17-NOV-81	5000		10
7698	BLAKE	MANAGER	7839	01-MAY-81	2850		30
7782	CLARK	MANAGER	7839	09-JUN-81	2450		10
7566	JONES	MANAGER	7839	02-APR-81	2975		20
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30
7900	JAMES	CLERK	7698	03-DEC-81	950		30
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30
7902	FORD	ANALYST	7566	03-DEC-81	3000		20
7369	SMITH	CLERK	7902	17-DEC-80	800		20
7788	SCOTT	ANALYST	7566	09-DEC-82	3000		20
7876	ADAMS	CLERK	7788	12-JAN-83	1100		20
7934	MILLER	CLERK	7782	23-JAN-82	1300		10

### Logical Table

ID Number	Name	Basic Salary	Designation
7839	KING	5000	PRESIDENT
7698	BLAKE	2850	MANAGER
7782	CLARK	2450	MANAGER
7566	JONES	2975	MANAGER
7654	MARTIN	1250	SALESMAN
7499	ALLEN	1600	SALESMAN
7844	TURNER	1500	SALESMAN
7900	JAMES	950	CLERK
7521	WARD	1250	SALESMAN
7902	FORD	3000	ANALYST
7369	SMITH	800	CLERK
7788	SCOTT	3000	ANALYST
7876	ADAMS	1100	CLERK
7934	MILLER	1300	CLERK

### View Storage Architecture

```
SELECT
Empno "ID Number",
Ename Name,
Sal "Basic Salary",
Job Designation
FROM Emp;
```

Employees

```
SQL> SELECT *
      FROM Employees;
```

SGA

Output  
Server