# SQL Aggregate Functions (Count , Max , Min , Sum , Avg)

**Step 1 - Create the Emp Table using below query**

CREATE TABLE EMP (EMP\_ID INT , EMP\_NAME VARCHAR(100) , DEPARTMENT VARCHAR(100) ,SALARY INT);

**Step 2 Insert the following six Records into the table by running the below query**

INSERT INTO EMP VALUES

(1, 'TIN' ,'HR', 1000),

(2, 'JON' ,'HR', 2000),

(3, 'MONA' ,'IT', 5000),

(4, 'DAVID' ,'IT',3000),

(5, 'DON' ,'MKT',2000),

(6, 'TIM' ,'MKT',NULL);

**Step 3 : verify the records are inserted successfully by executing below query**

SELECT \* FROM EMP;

**Step 4 : Now Practice Aggregate functions by executing below queries**

SELECT COUNT(\*) FROM EMP;

SELECT COUNT(SALARY) FROM EMP;

SELECT COUNT(DISTINCT SALARY) FROM EMP;

SELECT MAX(SALARY) FROM EMP;

SELECT MIN(SALARY) FROM EMP;

SELECT SUM (SALARY) FROM EMP;

SELECT SUM(DISTINCT SALARY) FROM EMP;

SELECT AVG(SALARY) FROM EMP;

SELECT AVG(DISTINCT SALARY) FROM EMP;