-- sql date functions

-- GET CURRENT DATE

SELECT CURRENT\_DATE;

-- GET CURRENT TIME

SELECT CURRENT\_TIMESTAMP;

-- GET CURRENT DATE

SELECT CURRENT\_TIME;

-- CONVERT TIMEZONE

SELECT CONVERT\_TIMEZONE('UTC',CURRENT\_TIMESTAMP) AS UTC\_TIMEZONE;

-- CONVERT DATE TO SUBSEQUENT 4 MONTHS AHEAD

SELECT TO\_CHAR(ADD\_MONTHS(CURRENT\_DATE,4),'DD-MM-YYYY') as DATE\_AFTER\_4\_MONTHS;

-- 3 MONTHS BACK DATE

SELECT TO\_CHAR(ADD\_MONTHS(CURRENT\_DATE,-3),'DD-MM-YYYY') as DATE\_BEFORE\_3\_MONTHS;

-- GET YR FROM DATE

SELECT DATE\_TRUNC('YEAR',CURRENT\_DATE) AS YR\_FROM\_DATE;

-- GET MTH FROM DATE

SELECT DATE\_TRUNC('MONTH',CURRENT\_DATE) AS MTH\_FROM\_DATE;

-- GET DAY FROM DATE

SELECT DATE\_TRUNC('DAY',CURRENT\_DATE) AS DAY\_FROM\_DATE;

-- GET LAST DAY OF current MONTH

select last\_day(current\_date) as last\_day\_curr\_month;

-- GET LAST DAY OF PREVIOUS MONTH

SELECT LAST\_DAY(CURRENT\_DATE - INTERVAL '1 MONTH') AS LAST\_DAY\_PREV\_MNTH;

SELECT LAST\_DAY(CURRENT\_DATE - INTERVAL '2 MONTH') + INTERVAL '1 DAY' AS FIRST\_DAY;

SELECT QUARTER(CURRENT\_DATE) AS QTR;

SELECT EXTRACT(YEAR FROM CURRENT\_DATE) AS YR;

SELECT EXTRACT(MONTH FROM CURRENT\_DATE) AS MTH;

SELECT EXTRACT(DAY FROM CURRENT\_DATE) AS DAY;

select QUARTER(to\_date('1993-08-17'));

SELECT TO\_DATE('1993-08-17') AS DATE;

SELECT ADD\_MONTHS(CURRENT\_DATE,-3) AS DATE\_3\_MNTHS\_BACK;

SELECT ADD\_MONTHS(CURRENT\_DATE,5) AS DATE\_5\_MNTHS\_AHEAD;

select datediff('day', '2022-06-01',CURRENT\_DATE);

select datediff('MONTH', '2022-06-01',CURRENT\_DATE);

select datediff('YEAR', '2014-06-01',CURRENT\_DATE);

select dateadd('day',-23,'2022-06-01');

select dateadd('month',-2,'2022-06-01');

select dateadd('year',-5,'2022-06-01');

select WEEK(CURRENT\_DATE);

select MONTH(CURRENT\_DATE);

select YEAR(CURRENT\_DATE);

select datediff('MONTH', '2022-06-01',CURRENT\_DATE);

select datediff('YEAR', '2014-06-01',CURRENT\_DATE);

SELECT DATE\_TRUNC('DAY',CURRENT\_DATE) AS DAY\_FROM\_DATE;