

1. A function that returns the current date and time of the database server: SYSDATE
  2. Add calendar months to date: ADD\_MONTHS
  3. Last day of the month: LAST\_DAY
  4. Next day of the date specified: NEXT\_DAY
  5. Number of months between due dates: MONTHS\_BETWEEN
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1. SELECT ROUND(MONTHS\_BETWEEN(SYSDATE, EVENT\_DATE)) AS  
Months\_Between  
FROM EVENTS  
WHERE EVENT\_NAME = 'Vigil Wedding';
  2. SELECT ROUND((SCHOOL\_START\_DATE - SCHOOL\_VACATION\_START\_DATE) \*  
30.5) AS Days  
FROM SCHOOL\_EVENTS;
  3. SELECT ROUND(TO\_DATE('31-DEC', 'DD-MON') - TO\_DATE('01-JAN', 'DD-MON')) AS  
Days\_Between  
FROM DUAL;
  4. SELECT ROUND(SYSDATE, 'MONTH') AS Rounded\_Month,  
ROUND(SYSDATE, 'YEAR') AS Rounded\_Year,  
TRUNC(SYSDATE, 'MONTH') AS Truncated\_Month,  
TRUNC(SYSDATE, 'YEAR') AS Truncated\_Year  
FROM DUAL;
  5. SELECT LAST\_DAY(TO\_DATE('01-JUN-2005', 'DD-MON-YYYY')) AS  
Last\_Day\_Of\_June\_2005  
FROM DUAL;
  6. SELECT ROUND(MONTHS\_BETWEEN(SYSDATE, BIRTH\_DATE) / 12, 0) AS Years  
FROM EMPLOYEES  
WHERE LAST\_NAME = 'Miller' AND FIRST\_NAME = 'Bob';
  7. SELECT ADD\_MONTHS(SYSDATE, 6) AS Appointment  
FROM DUAL;
  8. SELECT LAST\_DAY(SYSDATE) AS Deadline  
FROM DUAL;
  9. SELECT MONTHS\_BETWEEN(TO\_DATE('01-JAN-2024', 'DD-MON-YYYY'),  
TO\_DATE('YOUR\_BIRTHDAY\_2023', 'DD-MON-YYYY')) AS Months\_Between  
FROM DUAL;
  10. SELECT NEXT\_DAY(TO\_DATE('YOUR\_BIRTHDAY\_2023', 'DD-MON-YYYY'),  
'FRIDAY') AS First\_Friday  
FROM DUAL;
  11. MONTHS\_BETWEEN
  12. YSDATE, NEXT\_DAY
  13. It's it important for business to manipulate data because they can be able to see their  
revenue and financial situation and handle how they can make operations more efficient
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1. SELECT ROUND(86.678, 2) AS Rounded\_Value  
FROM DUAL;

2. SELECT UPPER(CD\_TITLE) AS "DJs on Demand Collections"  
FROM CDS  
WHERE CD\_NUMBER IN (90, 91);
3. SELECT LOWER(LAST\_NAME) || UPPER(SUBSTR(FIRST\_NAME, 1, 1)) AS "User  
Passwords"  
FROM PARTNERS;
4. SELECT REPLACE(UPPER('It's a small world'), 'IT'S A SMALL', 'HELLO') AS  
New\_String  
FROM DUAL;
5. SELECT REPLACE('fiddledeeedeum', 'dum', 'dee') AS Nonsense  
FROM DUAL;
6. SELECT REPLACE('Mississippi', 'i', '\$') AS Modified\_String  
FROM DUAL;
7. SELECT ROUND(5332.342, -2) AS Rounded\_Value  
FROM DUAL;
8. SELECT ROUND(3.14159, 2) AS Rounded\_Value  
FROM DUAL;
9. SELECT ROUND(73.892, 1) AS Rounded\_Value  
FROM DUAL;
10. SELECT NEXT\_DAY(ADD\_MONTHS(SYSDATE, 6), 'FRIDAY') AS Future  
FROM DUAL;
11. SELECT ADD\_MONTHS(SYSDATE, 120) AS Future  
FROM DUAL;
12. SELECT TO\_DATE('29-FEB-2008', 'DD-MON-YYYY') AS Future  
FROM DUAL;
13. SELECT CD\_TITLE  
FROM CDS  
WHERE CD\_TITLE LIKE '%ie%';
14. SELECT CD\_TITLE, CD\_YEAR  
FROM CDS  
WHERE CD\_YEAR > 2000 AND CD\_YEAR < 2003;
15. SELECT EMPLOYEE\_ID, HIRE\_DATE  
FROM EMPLOYEES  
WHERE HIRE\_DATE BETWEEN TO\_DATE('01-JAN-1997', 'DD-MON-YYYY') AND  
SYSDATE  
ORDER BY HIRE\_DATE DESC;