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**ASSIGNMENT-2**

**Table Creation:**

CREATE TABLE Sales\_table (Sale\_id NUMBER, Product\_id NUMBER(3), quantity\_sold NUMBER,Sale\_date DATE, Total\_price DECIMAL(10, 2));

1. INSERT INTO Sales\_table VALUES (1, 101, 5, TO\_DATE('2024-01-01', 'YYYY-MM-DD'), 2500.00);
2. INSERT INTO Sales\_table VALUES (2, 102, 3, TO\_DATE('2024-01-02', 'YYYY-MM-DD'), 900.00);
3. INSERT INTO Sales\_table VALUES (3, 103, 2, TO\_DATE('2024-01-02', 'YYYY-MM-DD'), 60.00);
4. INSERT INTO Sales\_table VALUES (4, 104, 4, TO\_DATE('2024-01-03', 'YYYY-MM-DD'), 80.00);
5. INSERT INTO Sales\_table VALUES (5, 105, 6, TO\_DATE('2024-01-03', 'YYYY-MM-DD'), 90.00);

select \* from Sales\_table;

1. **Retrieve all columns from the Sales table.**

SELECT Sale\_id,Product\_id, quantity\_sold,TO\_CHAR(Sale\_date, 'YYYY-MM-DD') AS Sale\_date,TO\_CHAR(Total\_price, 'FM9999.00') AS Total\_price FROM Sales\_table;

1. **Retrieve sale\_id and quantity\_sold from sales table.**

select Sale\_id,Quantity\_sold from Sales\_table;

1. **Retrieve the sale\_id and sale\_date from the Sales table.**

select Sale\_id,Sale\_date from Sales\_table;

### Filter the Sales table to show only sales with a total\_price greater than $100.

### select \* from Sales\_table where Total\_price>100;

### Retrieve the sale\_id and total\_price from the Sales table for sales made on January 3, 2024.

### SELECT Sale\_id, Total\_price FROM Sales\_table WHERE Sale\_date = TO\_DATE('2024-01-03', 'YYYY-MM-DD');

### Retrieve the sale\_id, product\_id, and total\_price from the Sales table for sales with a quantity\_sold greater than 4.

### select Sale\_id,Product\_id,Total\_price from Sales\_table where Quantity\_sold>4;

1. **Retrieve all columns from the Sales table those sale\_id are 1, 3 & 5 ) .**

select \* from Sales\_table where Sale\_id in (1,3,5);

1. **Retrieve all columns from the Sales table those total\_price between 90 and 1000.**

select \* from Sales\_table where Total\_price between 90 and 100;

1. **Retrieve all columns from the Sales table those total\_price not between 90 and 1000.**

select \* from Sales\_table where Total\_price not between 90 and 100;

1. **Retrieve all columns from the Sales table those sale\_id are not in 1, 3 & 5.**

select \* from Sales\_table where Sale\_id not in (1,3,5);

1. **Update total\_price as 500 in  the Sales table those sale\_id are 1, 3 & 5.**

update Sales\_table set Total\_price=500 where Sale\_id in(1,3,5);

1. **delete from the Sales table those total\_price not between 90 and 1000.**

delete from Sales\_table where Total\_price not between 90 and 1000;

1. **Sort all the records using sale\_id column in ascending order.**

select \* from Sales\_table order by Sale\_id;

1. **Sort all the records using sale\_id column in descending order.**

select \* from Sales\_table order by Sale\_id desc;

1. **Rename the sale\_id column as sales\_id;**

alter table Sales\_table rename column Sale\_id to Sales\_id;

1. **Drop the column sales\_id.**

alter table Sales\_table drop column Sales\_id;

1. **Rename the table as tbl\_sales.**

rename Sales\_table to tbl\_sales;

1. **Drop the table.**

drop table tbl\_sales;