

LAB5: RETAIL SALES ANALYTICS PART-| |

Question1. Write 3 queries with at least 1 join per query.

(i) select sales.sales_id,feature_date from sales left join feature on
sales.sales_id = feature.feature_id where sales_id<5 and feature_id<5;

SALES_ID FEATURE_

1 05-02-10
2 12-02-10
3 19-02-10
4 26-02-10

(ii) select sales.sales_id,feature_date from sales right join feature on
sales.sales_id = feature.feature_id where sales_id<25 and feature_id<20;

SALES_ID FEATURE_

1 05-02-10
2 12-02-10
3 19-02-10
4 26-02-10
5 05-03-10
6 12-03-10
7 19-03-10
8 26-03-10

SALES_ID FEATURE_

12 23-04-10
13 30-04-10
14 07-05-10
15 14-05-10
16 21-05-10
17 28-05-10
18 04-06-10
19 11-06-10

19 rows selected.

(iii) select sales.dept from sales full outer join feature on sales.sales_id = feature.feature_id where sales_id<=6 and feature_id<=6;

DEPT
1
1
1
1
1

6 rows selected.

Question2: Write 3 queries with at least 1 join per query.

(i)SQL> select sales.dept from sales full outer join feature_data on sales.sales_id = feature_data.feature_id where sales_id<=6 and feature_id<=6;

DEPT
1
1
1
1
1
1

6 rows selected.

(ii)SQL> select sales.isholiday, sales_id from sales full outer join feature_data on sales.sales_id = feature_data.feature_id where sales_id<=13 and feature_id<=13;

ISHOLIDAY	SALES_ID
FALSE	1
TRUE	2
FALSE	3
FALSE	4
FALSE	5
FALSE	6

FALSE	7
FALSE	8
FALSE	9
FALSE	10
FALSE	11

ISHOLIDAY	SALES_ID
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FALSE	12
FALSE	13

13 rows selected.

(iii)SQL> select weekly_sales from sales full outer join feature_data on
sales.sales_id = feature_data.feature_id where sales_id<=5 and feature_id<=5;

WEEKLY_SALES

24924.5
46039.49
41595.55
19403.54
21827.9