

Lab5. Retail Sales Analytics Part-II

Objectives:

In this lab, you will continue the exploration of Retail Sales dataset using multiple tables.

Tasks To Be Done

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

Question2: Write at least 3 queries that must use outer joins.

Questions:

- i) `select Sales.Sales-Id, feature-date from Sales left join feature-data on Sales.Sales-Id = feature-data.feature-id where Sales-id < 5 and feature-id < 5;`
- ii) `select Sales.Sales-Id, feature-date from Sales right join feature-data on Sales.Sales-Id = feature-data.feature-id where Sales-id < 25 and feature-id < 20;`
- iii) `select Sales.isholiday, feature-date from Sales inner join feature-data on Sales.isholiday = feature-data.isholiday where Sales-id <= 11 and feature-id <= 11;`

Question 2:

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;

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;

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;