

Lab6. Retail Sales Analytics Part-III

Objectives:

In this lab, you will continue the exploration of Retail Sales dataset using multiple tables. You will learn and apply aggregation and grouping functions.

Tasks To Be Done

Question: Develop aggregate queries in SQL on Retail dataset as follows

- Write 6 SQL queries with aggregation.
- At least 1 aggregate function per query.
- At least 2/5 aggregate functions among the 6 queries.
- At least 4 GROUP BY clauses among the 6 queries.
- At least 3 HAVING clauses among the 6 queries.

- 1) SQL> Select max(store-id) from store;
- 2) SQL> Select feature-id, min(fuel-price) from feature-data
where feature-id < 6 group by feature-id;
- 3) SQL> Select store-id, min(fuel-price) from feature-data
where store-id < 30 group by store-id having
min(fuel-price) > 2.75;
- 4) SQL> Select store-id, max(temperature) from feature-
data where store-id > 30 group by store-id
having max(temperature) > 70;

5) SQL> select feature-id, min(temperature) from feature-data
where feature-id > 20 group by feature-id having min
(temperature) < 20;

6) SQL> select feature-id, max(fuel-price) from feature-
data where feature-id < 45 group by feature-id having
max(fuel-price) < 3.98;