

1. Used to create subtotals that roll up from the most detailed level to a grand total, following a grouping list specified in the clause: ROLLUP
2. An extension to the GROUP BY clause like ROLLUP that produces cross-tabulation reports: CUBE
3. The CUBE operator extends GROUP BY to generate a multidimensional summary, displaying subtotals for every combination of specified columns: GROUPING SETS

1. SELECT manager_id, job_id, SUM(salary) AS total_salary
FROM employees
GROUP BY ROLLUP(manager_id, job_id);
2. SELECT manager_id, job_id, SUM(salary) AS total_salary
FROM employees
GROUP BY CUBE(manager_id, job_id);
3. SELECT department_id, manager_id, job_id, SUM(salary) AS total_salary
FROM employees
GROUP BY GROUPING SETS (
 (department_id, manager_id, job_id),
 (manager_id, job_id),
 (department_id, manager_id)
);