1. select row_number() over(partition by department_id order by hire_date) as row_num, e.* from employees e;

2. select sum(salary) over(partition by department_id order by employee_id) as cum_salary, e.* from employees e;

3. select row_number() over(partition by department_id order by salary desc) as salary_rank, e.* from employees e;

4. select row_number() over(partition by customer_id order by ord_date), o.* from orders o;

5. select max(salary) over(partition by department_id) - salary as salary_diff, e.* from employees e;

6. select avg(salary) over(partition by department_id) - salary as avg_s_diff, e.* from employees e;

7. select row_number() over(partition by department_id order by department_id) as row_num, e.employee_id, d.department_name from employees e join departments d using(department_id);

8. select department_id, employee_id, count(employee_id) over(partition by department_id) as dep_emp_cocunt, count(employee_id) over() as tot_emp_count from employees;

9. select row_number() over(partition by salesman_id order by purch_amt) as row_num, o.* from orders o;

10. select ord_date, purch_amt, sum(purch_amt) over(order by ord_date) as running_tot_sales, sum(purch_amt) over(partition by extract(month from ord_date) order by ord_date) as monthly_sales_tot from orders;