Data Analysis

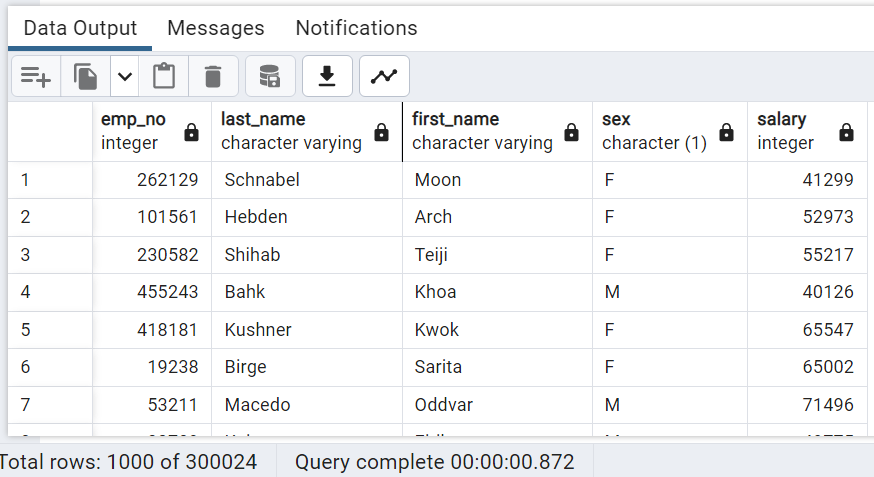
One.

select E.emp\_no, E.last\_name, E.first\_name, E.sex, S.Salary

From Employees E

LEFT Join Salaries S

ON E.emp\_no = S.emp\_no

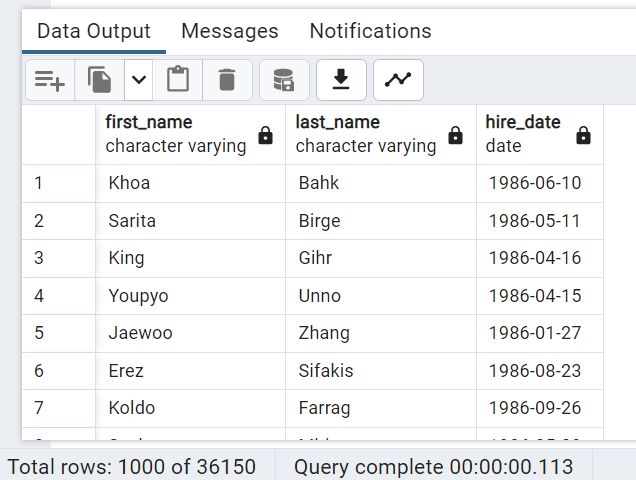


Two

SELECT first\_name, last\_name, hire\_date

FROM employees

WHERE EXTRACT(YEAR FROM hire\_date) = 1986;



Three

SELECT DM.dept\_no, E.emp\_no, E.last\_name, E.first\_name, D.dept\_name

FROM dept\_manager DM

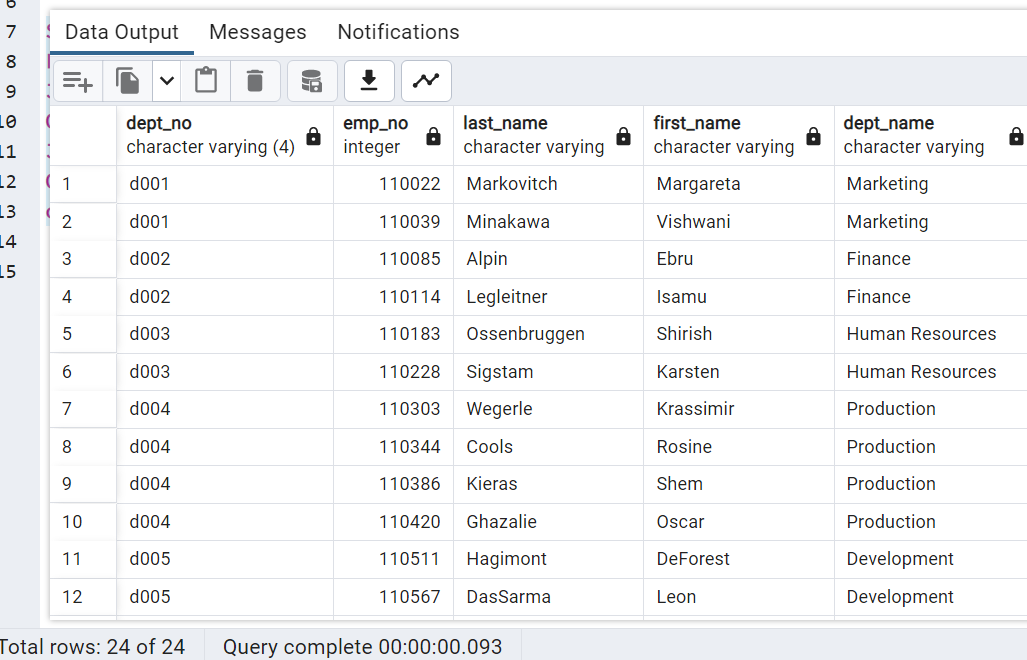
JOIN employees E

ON DM.emp\_no = E.emp\_no

JOIN departments D

ON DM.dept\_no = D.dept\_no

order by dept\_no, emp\_no asc;



Table

Description automatically generated

Four

Select DE.emp\_no, DE.dept\_no, E.last\_name, E.first\_name, D.dept\_name

FROM Dept\_Emp DE

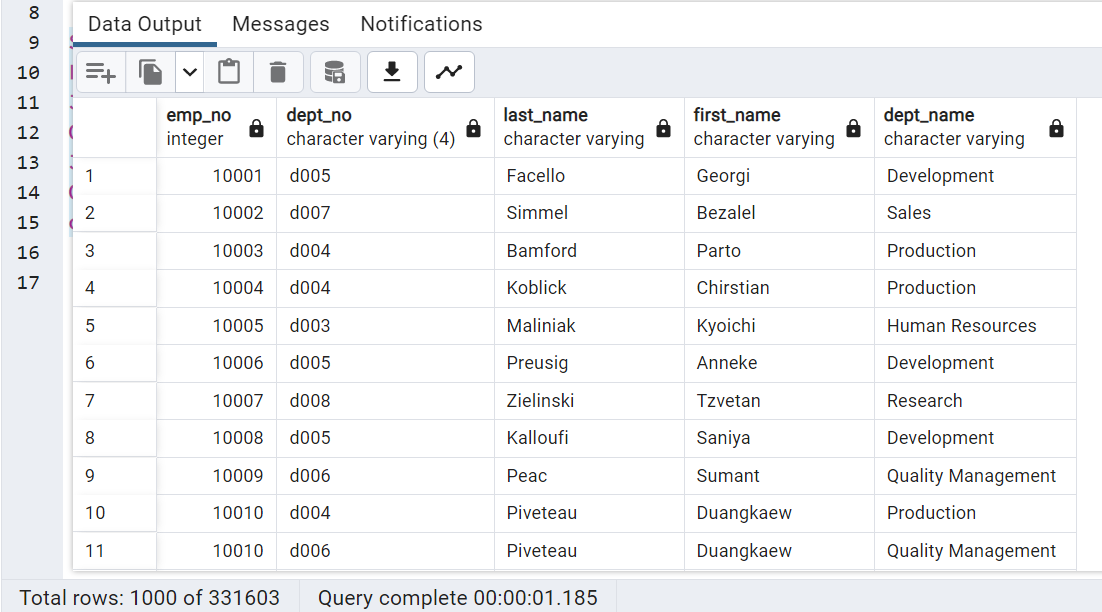
JOIN employees E

ON DE.emp\_no = E.emp\_no

JOIN Departments D

ON DE.dept\_no = D.dept\_no

order by DE.emp\_no asc



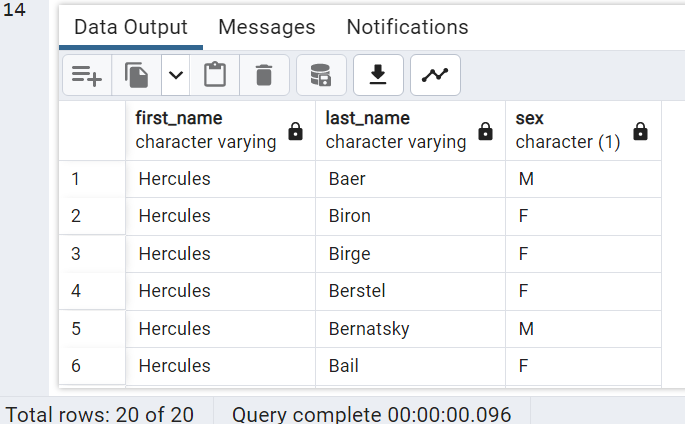
Five

Select first\_name, last\_name, sex

FROM employees

WHERE first\_name = 'Hercules'

and last\_name like 'B%'



Table

Description automatically generated

Six

Select DE.emp\_no, E.last\_name, E.first\_name

From Dept\_Emp DE

JOIN employees E

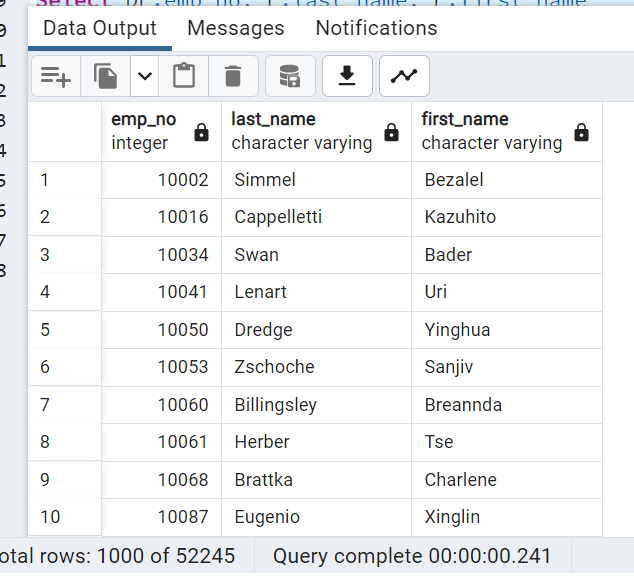
ON DE.emp\_no = E.emp\_no

JOIN Departments D

ON DE.dept\_no = D.dept\_no

WHERE D.dept\_name = 'Sales'

order by emp\_no asc



Seven

Select DE.emp\_no, E.last\_name, E.first\_name, D.dept\_name

From Dept\_Emp DE

JOIN employees E

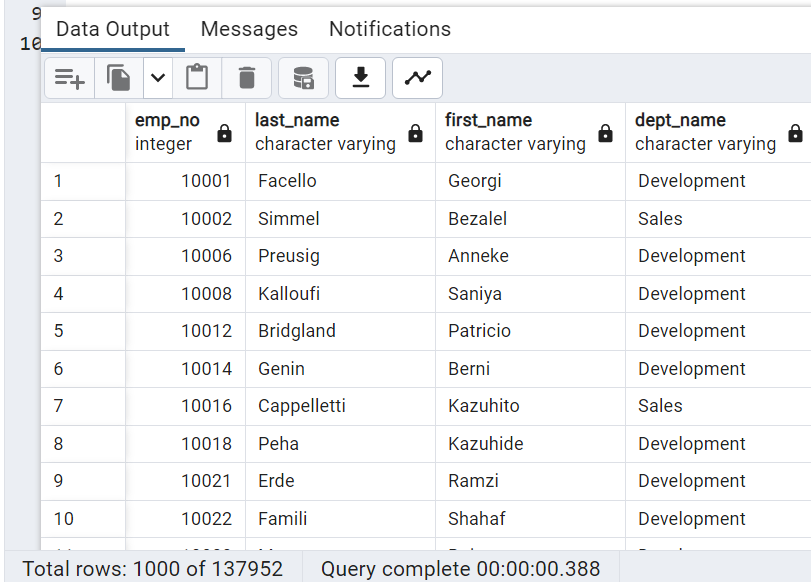
ON DE.emp\_no = E.emp\_no

JOIN Departments D

ON DE.dept\_no = D.dept\_no

WHERE D.dept\_name IN ('Sales','Development')

order by emp\_no asc



Eight

Select last\_name, count(\*) AS last\_name\_count

FROM Employees

GROUP BY last\_name

Order By last\_name\_count desc

