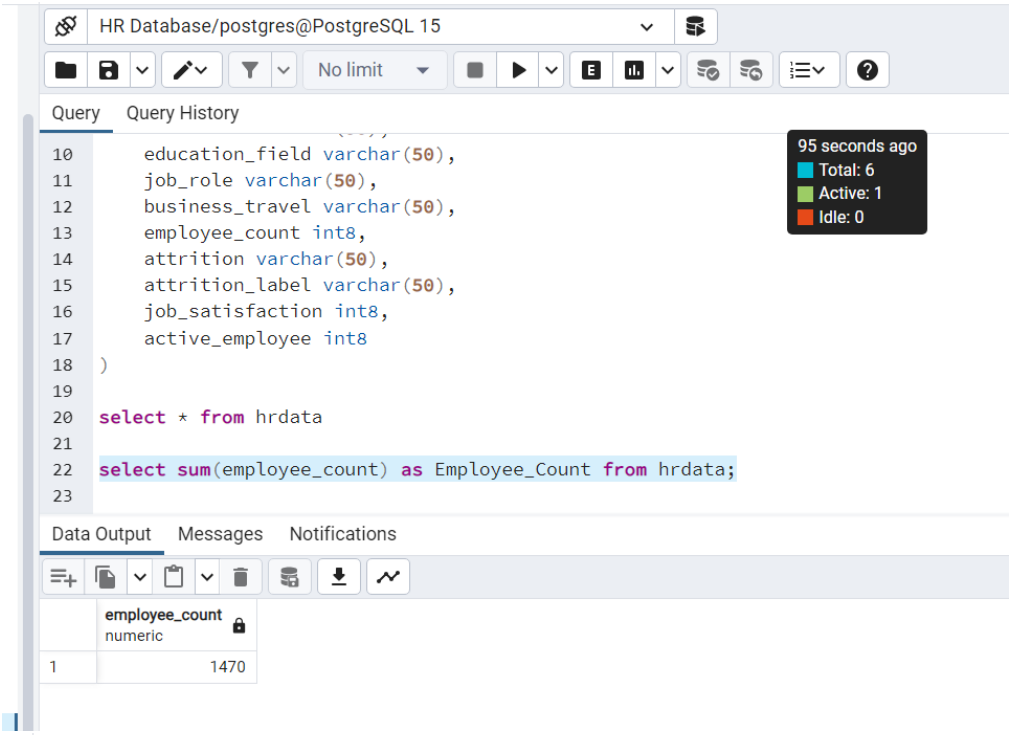
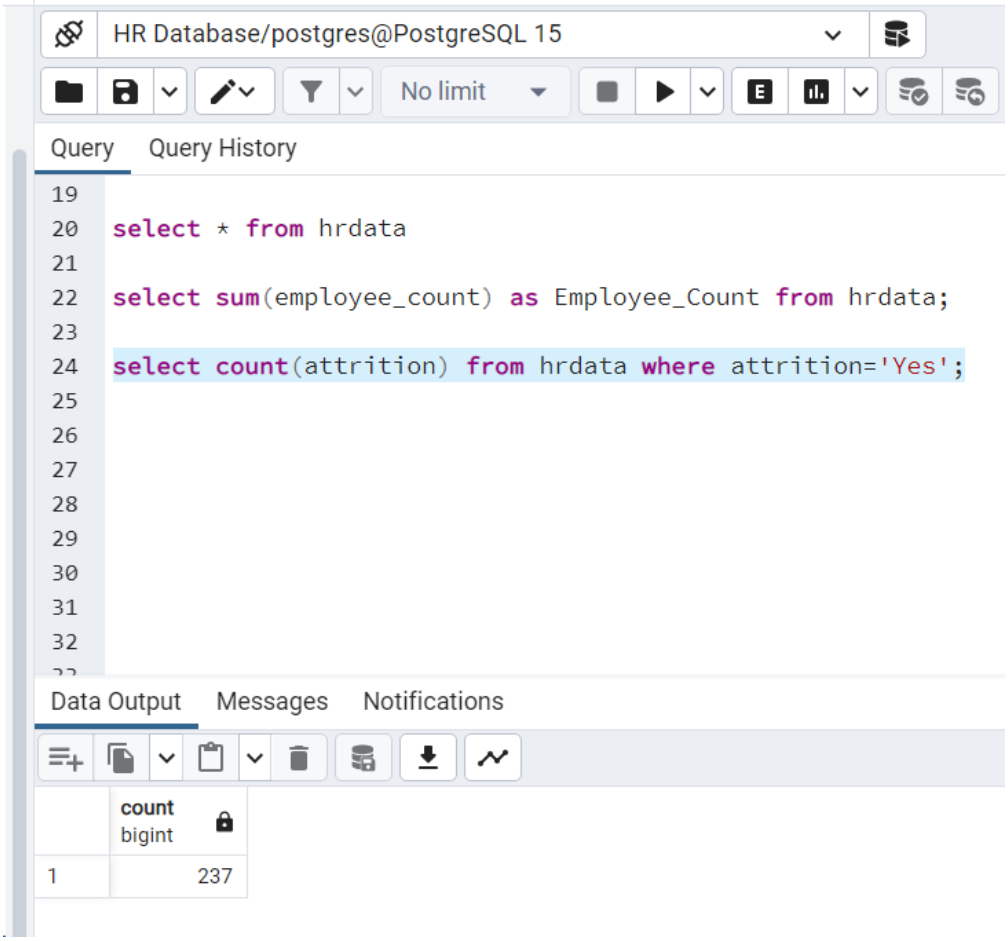

HR Database/postgres@PostgreSQL 15
No limit
Query
Query History
95 seconds ago
Total: 6
Active: 1
Idle: 0
10 education_field varchar(50),
11 job_role varchar(50),
12 business_travel varchar(50),
13 employee_count int8,
14 attrition varchar(50),
15 attrition_label varchar(50),
16 job_satisfaction int8,
17 active_employee int8
18 )
19
20 select * from hrdata
21
22 select sum(employee_count) as Employee_Count from hrdata;
23
Data Output
Messages
Notifications
employee_count
numeric
1 1470


HR Database/postgres@PostgreSQL 15
No limit
Query
Query History
19
20 select * from hrdata
21
22 select sum(employee_count) as Employee_Count from hrdata;
23
24 select count(attrition) from hrdata where attrition='Yes';
25
26
27
28
29
30
31
32
Data Output
Messages
Notifications
count
bigint
1 237

HR Database/postgres@PostgreSQL 15

No limit

Query | Query History

95 seconds
Total: 6
Active: 1
Idle: 0

```
19
20  select * from hrdata
21
22  select sum(employee_count) as Employee_Count from hrdata;
23
24  select count(attrition) from hrdata where attrition='Yes';
25
26  select
27  round (((select count(attrition) from hrdata where attrition='Yes')/
28  sum(employee_count)) * 100,2) as attrition_rate from hrdata;
29
30
31
32
```

Data Output | Messages | Notifications

| | attrition_rate numeric |
|---|---|
| 1 | 16.12 |

HR Database/postgres@PostgreSQL 15

No limit

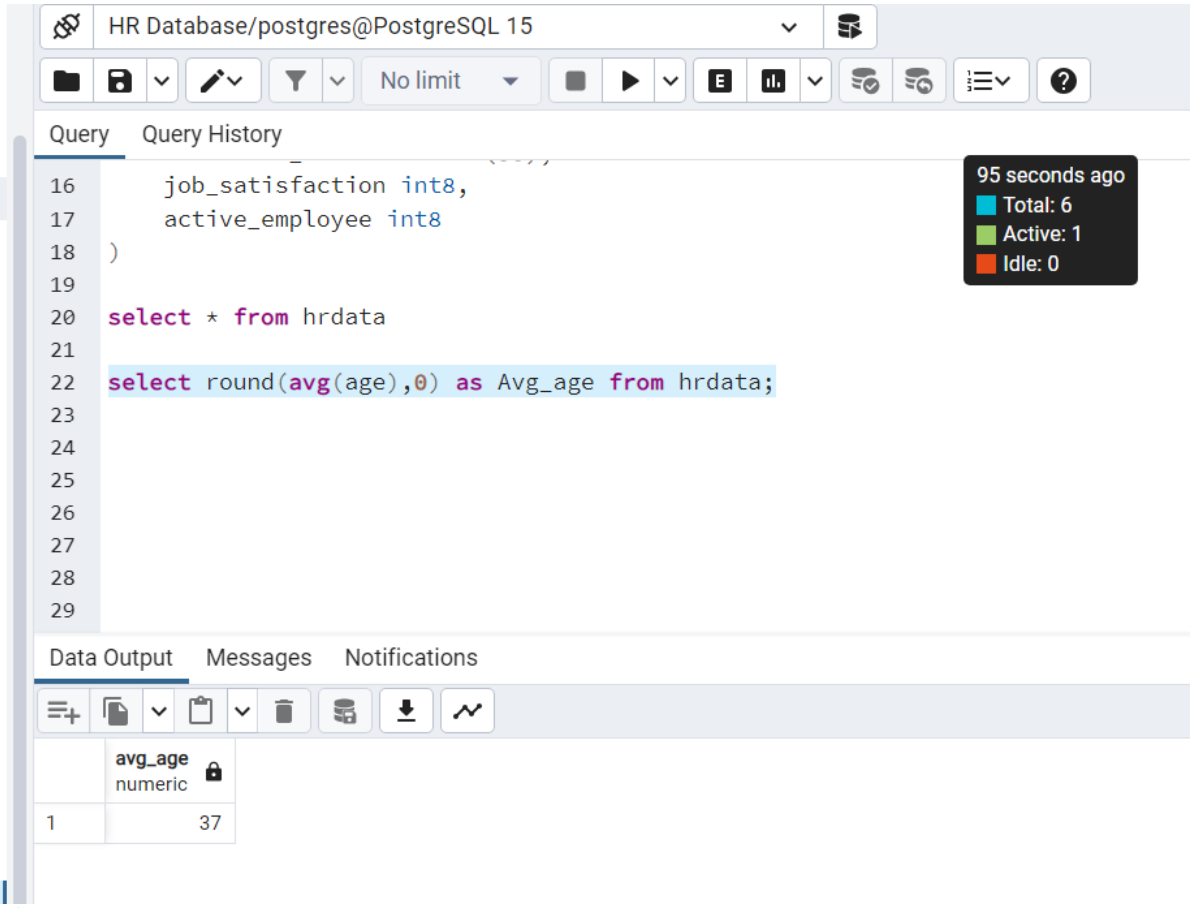
Query | Query History

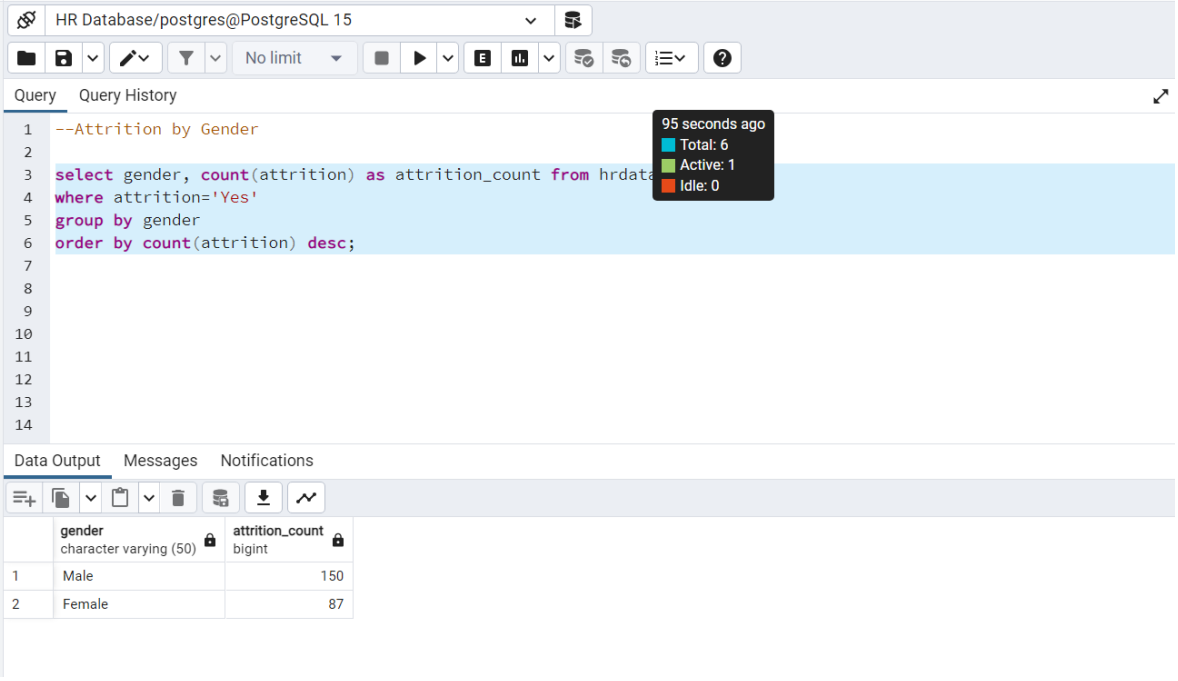
95 seconds ago
Total: 6
Active: 1
Idle: 0

```
17      active_employee int8
18  )
19
20  select * from hrdata
21
22  select sum(employee_count) - (select count(attrition) from hrdata  where attrition='Yes')
23  as active_employees from hrdata;
24
25
26
27
28
29
30
31
```

Data Output | Messages | Notifications

| | active_employees numeric |
|---|---|
| 1 | 1233 |


HR Database/postgres@PostgreSQL 15
No limit
Query
Query History
95 seconds ago
Total: 6
Active: 1
Idle: 0
16 job_satisfaction int8,
17 active_employee int8
18 )
19
20 select * from hrdata
21
22 select round(avg(age),0) as Avg_age from hrdata;
23
24
25
26
27
28
29
Data Output
Messages
Notifications
avg_age
numeric
1
37


HR Database/postgres@PostgreSQL 15
No limit
Query
Query History
95 seconds ago
Total: 6
Active: 1
Idle: 0
1 --Attrition by Gender
2
3 select gender, count(attrition) as attrition_count from hrdata
4 where attrition='Yes'
5 group by gender
6 order by count(attrition) desc;
7
8
9
10
11
12
13
14
Data Output
Messages
Notifications
gender
character varying (50)
attrition_count
bigint
1 Male 150
2 Female 87

HR Database/postgres@PostgreSQL 15

No limit

Query | Query History

95 seconds ago
Total: 6
Active: 1
Idle: 0

```sql
--Department wise Attrition:


select department, count(attrition), round((cast (count(attrition) as numeric) /
(select count(attrition) from hrdata where attrition= 'Yes')) * 100, 2) as pct from hrdata
where attrition='Yes'
group by department
order by count(attrition) desc;
```

Data Output | Messages | Notifications

| | department character varying (50) | count bigint | pct numeric |
|---|---|---|---|
| 1 | R&D | 133 | 56.12 |
| 2 | Sales | 92 | 38.82 |
| 3 | HR | 12 | 5.06 |

HR Database/postgres@PostgreSQL 15

No limit

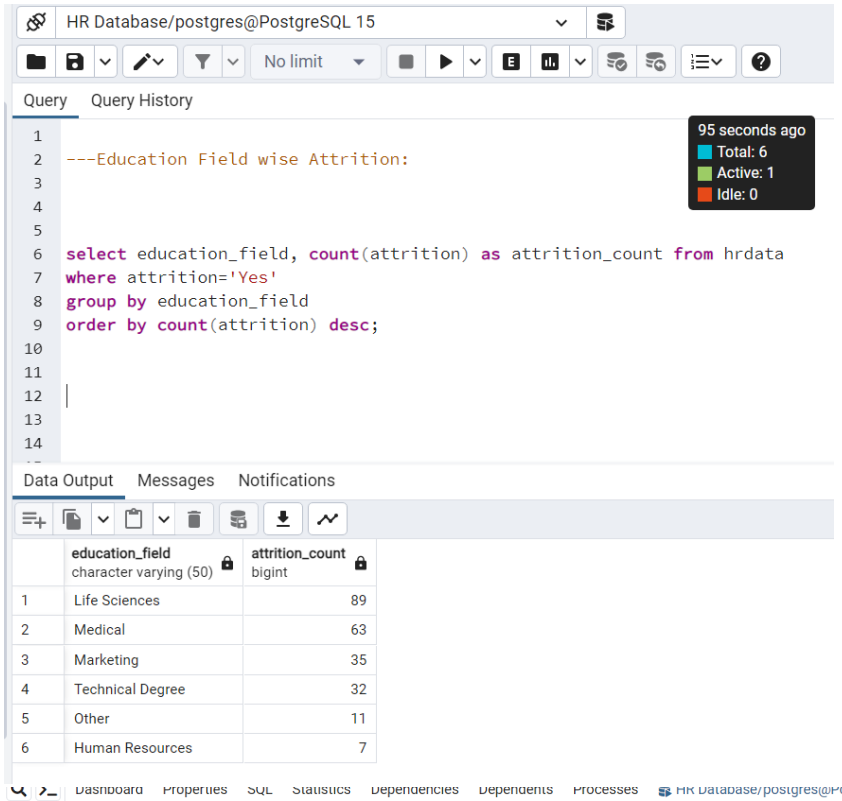
Query | Query History

95 seconds ago
Total: 6
Active: 1
Idle: 0

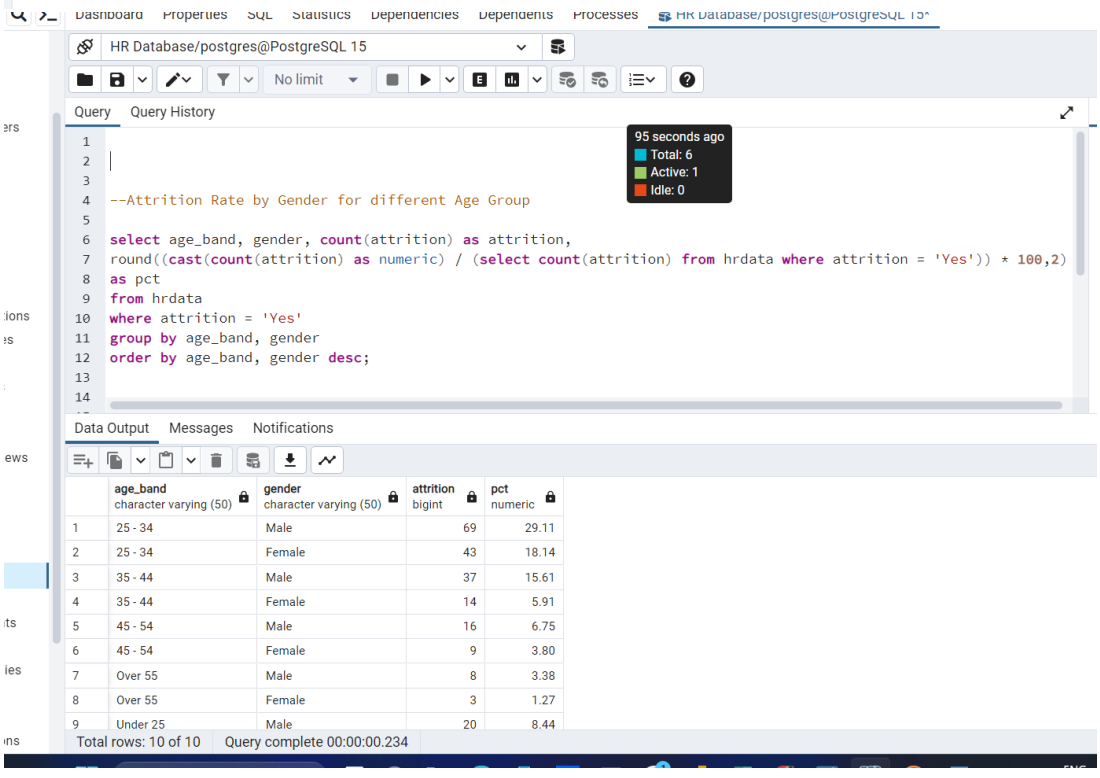
```sql
---No of Employee by Age Group

SELECT age,  sum(employee_count) AS employee_count FROM hrdata
GROUP BY age
order by age;
```

Data Output | Messages | Notifications

| | age bigint | employee_count numeric |
|---|---|---|
| 1 | 18 | 8 |
| 2 | 19 | 9 |
| 3 | 20 | 11 |
| 4 | 21 | 13 |
| 5 | 22 | 16 |
| 6 | 23 | 14 |
| 7 | 24 | 26 |
| 8 | 25 | 26 |
| 9 | 26 | 39 |

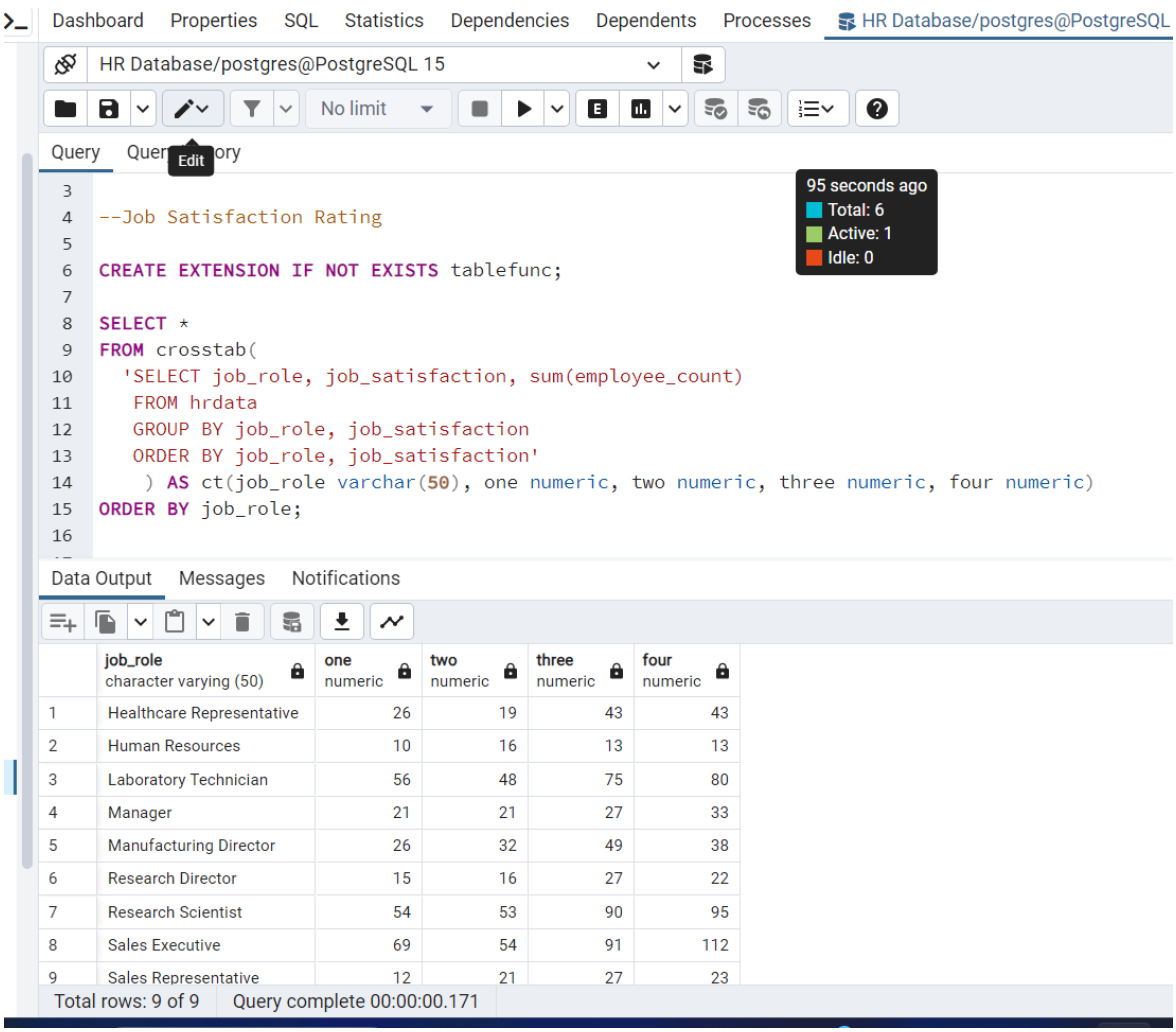



| | education_field character varying (50) | attrition_count bigint |
|---|---|---|
| 1 | Life Sciences | 89 |
| 2 | Medical | 63 |
| 3 | Marketing | 35 |
| 4 | Technical Degree | 32 |
| 5 | Other | 11 |
| 6 | Human Resources | 7 |




| | age_band character varying (50) | gender character varying (50) | attrition bigint | pct numeric |
|---|---|---|---|---|
| 1 | 25 - 34 | Male | 69 | 29.11 |
| 2 | 25 - 34 | Female | 43 | 18.14 |
| 3 | 35 - 44 | Male | 37 | 15.61 |
| 4 | 35 - 44 | Female | 14 | 5.91 |
| 5 | 45 - 54 | Male | 16 | 6.75 |
| 6 | 45 - 54 | Female | 9 | 3.80 |
| 7 | Over 55 | Male | 8 | 3.38 |
| 8 | Over 55 | Female | 3 | 1.27 |
| 9 | Under 25 | Male | 20 | 8.44 |

Total rows: 10 of 10 Query complete 00:00:00.234


Dashboard
Properties
SQL
Statistics
Dependencies
Dependents
Processes
HR Database/postgres@PostgreSQL
HR Database/postgres@PostgreSQL 15
No limit
Edit
Query
95 seconds ago
Total: 6
Active: 1
Idle: 0
--Job Satisfaction Rating
CREATE EXTENSION IF NOT EXISTS tablefunc;
SELECT *
FROM crosstab(
'SELECT job_role, job_satisfaction, sum(employee_count)
FROM hrdata
GROUP BY job_role, job_satisfaction
ORDER BY job_role, job_satisfaction'
) AS ct(job_role varchar(50), one numeric, two numeric, three numeric, four numeric)
ORDER BY job_role;
Data Output
Messages
Notifications
job_role character varying (50)
one numeric
two numeric
three numeric
four numeric
1 Healthcare Representative 26 19 43 43
2 Human Resources 10 16 13 13
3 Laboratory Technician 56 48 75 80
4 Manager 21 21 27 33
5 Manufacturing Director 26 32 49 38
6 Research Director 15 16 27 22
7 Research Scientist 54 53 90 95
8 Sales Executive 69 54 91 112
9 Sales Representative 12 21 27 23
Total rows: 9 of 9
Query complete 00:00:00.171