

```
people=# \c altos
You are now connected to database "altos" as user "postgres".
altos=# \dt
Did not find any relations.
altos=# CREATE TABLE brach (
altos(#   brach_id INT PRIMARY KEY,
altos(#   name VARCHAR(100),
altos(#   position VARCHAR(100),
altos(#   salary DECIMAL(10,2),
altos(#   brach_number INT
altos(# );
CREATE TABLE
altos=#
altos=# INSERT INTO brach (brach_id, name, position, salary, brach_number) VALUES
altos-# (1, 'Alice', 'Manager', 75000.00, 101),
altos-# (2, 'Bob', 'Assistant', 50000.00, 101),
altos-# (3, 'Charlie', 'Executive', 60000.00, 102),
altos-# (4, 'Diana', 'HR', 55000.00, 102),
altos-# (5, 'Ethan', 'Manager', 80000.00, 103);
INSERT 0 5
altos=# select * from brach;
 brach_id | name   | position | salary  | brach_number
-----+-----+-----+-----+-----
      1 | Alice | Manager  | 75000.00 |          101
      2 | Bob   | Assistant | 50000.00 |          101
      3 | Charlie | Executive | 60000.00 |          102
      4 | Diana | HR       | 55000.00 |          102
      5 | Ethan | Manager  | 80000.00 |          103
(5 rows)

altos=#
```

```
altos=# SELECT MIN(salary) AS min_salary FROM branch;
```

```
min_salary
```

```
-----
```

```
50000.00
```

```
(1 row)
```

```
altos=#
```



Type here to search



Rain tonight



20:16

08-06-2025



```
altos=# SELECT MIN(salary) AS min_salary FROM branch;
 min_salary
-----
 50000.00
(1 row)
```

```
altos=# SELECT MAX(salary) AS max_salary FROM branch;
 max_salary
-----
 80000.00
(1 row)
```

```
altos=# SELECT AVG(salary) AS avg_salary FROM branch;
 avg_salary
-----
64000.000000000000
(1 row)
```

```
altos=# SELECT SUM(salary) AS total_salary FROM branch;
 total_salary
-----
 320000.00
(1 row)
```

```
altos=# SELECT * FROM branch WHERE salary > 60000;
 brach_id | name  | position | salary | brach_number
-----+-----+-----+-----+-----
      1 | Alice | Manager  | 75000.00 |      101
      5 | Ethan | Manager  | 80000.00 |      103
(2 rows)
```

```
altos=#
```

```
altos=# SELECT position, COUNT(*) AS total_employees
altos=# FROM branch
altos=# GROUP BY position;
 position | total_employees
-----+-----
 Manager  |                2
 Executive |                1
 Assistant |                1
 HR       |                1
(4 rows)
```

```
altos=# SELECT position, AVG(salary) AS avg_salary
altos=# FROM branch
altos=# GROUP BY position;
 position |      avg_salary
-----+-----
 Manager  | 77500.000000000000
 Executive | 60000.000000000000
 Assistant | 50000.000000000000
 HR       | 55000.000000000000
(4 rows)
```

```
altos=# SELECT * FROM branch
altos=# ORDER BY salary DESC;
 brach_id | name   | position | salary  | brach_number
-----+-----+-----+-----+-----
        5 | Ethan | Manager  | 80000.00 |          103
        1 | Alice | Manager  | 75000.00 |          101
        3 | Charlie | Executive | 60000.00 |          102
        4 | Diana | HR       | 55000.00 |          102
        2 | Bob   | Assistant | 50000.00 |          101
(5 rows)
```

```
altos=#
```



```
altos=# SELECT brach_number, SUM(salary) AS total_salary
altos=# FROM branch
altos=# GROUP BY brach_number;
```

brach_number	total_salary
101	125000.00
103	80000.00
102	115000.00

(3 rows)

```
altos=#
```