

pgAdmin 4

File Object Tools Help

Object Explorer

- Aggregates
- Collations
- Domains
- FTS Configurations
- FTS Dictionaries
- FTS Parsers
- FTS Templates
- Foreign Tables
- Functions
- Materialized Views
- Operators
- Procedures
- Sequences
- Tables (6)
 - departments
 - dept_emp
 - employees
 - managers
 - salary
 - titles
- Trigger Functions
- Types
- Views
- Subscriptions
- hi
- Casts

Dashboard Properties SQL Statistics Dependencies Dependents Processes SQL Queries Latest.sql titles.csv

Employees/postgres@PostgreSQL 16

Query Query History Scratch Pad

```
11 copy Titles from 'D:\Bootcamp\sql-challenge\EmployeeSQL\data\titles.csv' Delim
12
13
14 SELECT * from Titles
15
16 -- EMPLOYEES
17 -- Remove table if it exists
18 DROP TABLE IF EXISTS employees CASCADE;
19
20 -- Create the table
21 CREATE TABLE Employees(
22     Emp_No INT NOT NULL,
```

Data Output Messages Notifications

| | title_id [PK] character varying (7) | title_name character varying (45) |
|---|--|--------------------------------------|
| 1 | s0001 | Staff |
| 2 | s0002 | Senior Staff |
| 3 | e0001 | Assistant Engineer |
| 4 | e0002 | Engineer |
| 5 | e0003 | Senior Engineer |
| 6 | e0004 | Technique Leader |
| 7 | m0001 | Manager |

Total rows: 7 of 7 Query complete 00:00:00.298 Ln 15, Col 1

pgAdmin 4

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Employees/postgres@PostgreSQL 16

Query Query History Scratch Pad

```
31 );
32 copy Employees from 'D:\Bootcamp\sql-challenge\EmployeeSQL\data\employees.csv'
33
34 select * from Employees
35
36 -- DEPARTMENTS
37 -- Remove table if it exists
38 DROP TABLE IF EXISTS Departments CASCADE;
39
40 -- Create the table
41 CREATE TABLE Departments(
42     Dept_No VARCHAR(7) PRIMARY KEY NOT NULL,
```

Data Output Messages Notifications

| | emp_no [PK] integer | emp_title_id [FK] character varying (5) | birth_date date | first_name character varying (30) | last_name character varying (30) | sex character varying (1) | hire_date date |
|---|------------------------|--|--------------------|--------------------------------------|-------------------------------------|------------------------------|-------------------|
| 1 | 473302 | s0001 | 1953-07-25 | Hideyuki | Zalocco | M | 1990-04-28 |
| 2 | 475053 | e0002 | 1954-11-18 | Byong | Delgrande | F | 1991-09-07 |
| 3 | 57444 | e0002 | 1958-01-30 | Berry | Babb | F | 1992-03-21 |
| 4 | 421786 | s0001 | 1957-09-28 | Xiong | Verhoeff | M | 1987-11-26 |
| 5 | 282238 | e0003 | 1952-10-28 | Abdelkader | Baumann | F | 1991-01-18 |
| 6 | 263976 | e0003 | 1959-10-30 | Eran | Cusworth | M | 1986-11-14 |
| 7 | 273487 | s0001 | 1957-04-14 | Christoph | Parfitt | M | 1991-06-28 |

Total rows: 1000 of 300024 Query complete 00:00:00.740 Ln 35, Col 1

pgAdmin 4

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Employees/postgres@PostgreSQL 16

Query Query History Scratch Pad

```
71 SELECT * from Salary
72
73
74
75 -- EMPLOYEES AND DEPARTMENTS
76 DROP TABLE IF EXISTS Dept_Emp;
77
78 create table Dept_Emp (
79     Dept_No VARCHAR(7) FK >- Departments.Dept_No,
80     Emp_No Int FK >- Employees.Emp_No
81 );
82
```

Data Output Messages Notifications

| | emp_no integer | salary integer |
|---|-------------------|-------------------|
| 1 | 10001 | 60117 |
| 2 | 10002 | 65828 |
| 3 | 10003 | 40006 |
| 4 | 10004 | 40054 |
| 5 | 10005 | 78228 |
| 6 | 10006 | 40000 |
| 7 | 10007 | 56724 |

Successfully run. Total query runtime: 733 msec. 600048 rows affected. X

Total rows: 1000 of 600048 Query complete 00:00:00.733 Ln 73, Col 1

pgAdmin 4

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Employees/postgres@PostgreSQL 16

Query Query History Scratch Pad

```
81 );
82
83 copy Dept_Emp from 'D:\Bootcamp\sql-challenge\EmployeeSQL\data\dept_emp.csv' D
84
85 SELECT * from Dept_Emp
86
87 -- DATA ANALYSIS
88 --1. List the employee number, last name, first name, sex, and salary of each
89 SELECT
90     first_name, last_name, sex, salary
91 FROM
92     Employees

```

Data Output Messages Notifications

| | dept_no character varying (7) | emp_no integer |
|---|----------------------------------|-------------------|
| 1 | d005 | 10001 |
| 2 | d007 | 10002 |
| 3 | d004 | 10003 |
| 4 | d004 | 10004 |
| 5 | d003 | 10005 |
| 6 | d005 | 10006 |
| 7 | d008 | 10007 |

Successfully run. Total query runtime: 582 msec. 663206 rows affected. X

Total rows: 1000 of 663206 Query complete 00:00:00.582 Ln 86, Col 1