

PostgreSQL Sample Database

Summary: in this tutorial, we will introduce you to a PostgreSQL sample database that you can use for learning and practice PostgreSQL.

We will use the DVD rental database for demonstrating the features of PostgreSQL.

The DVD rental database represents the business processes of a DVD rental store. The DVD rental database has many objects including:

- 15 tables
- 1 trigger
- 7 views
- 8 functions
- 1 domain
- 13 sequences

PostgreSQL Sample Database Tables

There are 15 tables in the DVD Rental database:

- actor – stores actors data including first name and last name.
- film – stores film data such as title, release year, length, rating, etc.
- film_actor – stores the relationships between films and actors.
- category – stores film's categories data.
- film_category- stores the relationships between films and categories.
- store – contains the store data including manager staff and address.
- inventory – stores inventory data.
- rental – stores rental data.
- payment – stores customer's payments.
- staff – stores staff data.
- customer – stores customer data.
- address – stores address data for staff and customers
- city – stores city names.
- country – stores country names.

Download PostgreSQL sample database

You can download the PostgreSQL DVD Rental sample database via the following link:

[Download DVD Rental Sample Database](#)

The database file is in zipformat (dvdrental.zip) so you need to extract it to dvdrental.tar [before loading the sample database into the PostgreSQL database server](#).

Download printable ER diagram

Besides the sample database, we also provide you with a printable ER diagram in PDF format. You can download and print the ER diagram for reference while practicing with PostgreSQL.

[Download the Printable ER Diagram](#)

This tutorial introduced you to a PostgreSQL sample database named DVD rental. We will use this database in our PostgreSQL tutorials so make sure that you have it on your server.