

Database on PostgreSQL

create a few tables about pizza restaurants

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library(RPostgreSQL)
library(tidyverse)

## connect to SQL server (postgresql)
con <- dbConnect(PostgreSQL(),
  host = "arjuna.db.elephantsql.com",
  port = 5432,
  user = "trjgwkzr",
  password = "a6G4vrNDCn_JrC6XcMxvuil35J0eLME5",
  dbname = "trjgwkzr")
dbListTables(con)

## create simple database
pizza_menu <- data.frame(id = 1:5,
  menu = c("Veggie Cheese", "Hawaiian Triple Cheese", "Chicken Triple Cheese", "Seafood & Hokkaido Cheese", "Bacon &
dbWriteTable(con, "pizza_menu", pizza_menu)

pizza_customers <- data.frame(id = 1:4,
  name = c("Bluu", "Karina", "Winter", "Fuyu"))
dbWriteTable(con, "pizza_customers", pizza_customers)

pizza_size <- data.frame(id = 1:3,
  size = c("Small", "Medium", "Large"))
dbWriteTable(con, "pizza_size", pizza_size)

## get data
dbGetQuery(con, "SELECT pizza_menu.id, pizza_menu.menu,
  pizza_customers.name, pizza_size.size
  FROM pizza_menu
  INNER JOIN pizza_customers
  ON pizza_menu.id = pizza_customers.name
  INNER JOIN pizza_size
  ON pizza_menu.id = pizza_size.size")

or dbGetQuery(con, "select * from pizza_menu")

## delete table
dbRemoveTable(con, "pizza_menu")
dbRemoveTable(con, "pizza_customers")
dbRemoveTable(con, "pizza_size")

## close connection
dbListTables(con)
```