Lab-Musical Track Database (CSV) Sunday, November 13, 2022 11:06 PM Follow the lecture from previous video Your answer is correct, score saved. Musical Track Database To get the data for this assignment, download this file https://www.pg4e.com/tools/sql/library.csv into the folder on system where you are running your psgl client or Jupyter notebooks. Two commands to download the file into a terminal or shell are: wget https://www.pg4e.com/tools/sql/library.csv curl -0 https://www.pg4e.com/tools/sql/library.csv If you don't have either woot or curl installed you will need to download the CSV file and upload or copy it to the folder where • you are running your SQL client. Host: pg.pg4e.com Database: pg4e_difcdi18sc User: pg4e_d1fcd1185c Password: (hide/show copy) Check Answer Here is the the psql command to access your database. psql -h pg.pg4e.com -p 5432 -U pg4e_d1fcd1185c pg4e_d1fcd1185c Here is the structure of the tables you will need for this assignment: CREATE TABLE track_raw (title TEXT, artist TEXT, album TEXT, count INTEGER, rating INTEGER, len INTEGER); Once you have the table created and the CSV file in the correct location, you can load it into the track_raw table using the psql \copy command. \copy track_raw(title,artist,album,count,rating,len) FROM 'library.csv' WITH DELIMITER ',' CSV; To grade this assignment, the program will run a query like this on your database and look for the data it expects to see: SELECT title, album FROM track raw ORDER BY title LIMIT 3; The expected result of this query on your database is: Boy Named Sue (live) The Legend Of Johnny Cash A Brief History of Packets Computing Conversations Aguas De Marco Natural Wonders Music Sampler 1999 Bash console 26253353 +1 Share with others 07:08 ~ \$ wget https://www.pg4e.com/tools/sql/library.csv --2022-11-14 07:08:51-- https://www.pg4e.com/tools/sql/library.csv Resolving proxy.server (proxy.server)... 10.0.0.245 Connecting to proxy.server (proxy.server)|10.0.0.245|:3128... connected. Proxy request sent, awaiting response... 200 ok Length: 19495 (19K) [text/csv] Saving to: 'library.csv' 100%[===== =====>] 19.04K --.-KB/s in 0.07s 07:08 ~ \$ ls README.txt library.csv 07:09 ~ \$ ls -l total 24 -rwxr-x 2022-11-14 07:08:52 (271 KB/s) - 'library.csv' saved [19495/19495] total 24 -rwxr-xr-x 1 jose03 registered_users 232 Nov 1 06:23 README.txt -rw-rw-r-- 1 jose03 registered_users 19495 Apr 20 2020 library.csv 07:09 ~ \$ vi library.csv 07:10 ~ \$ psql -h pg.pg4e.com -p 5432 -u pg4e_d1fcd1185c pg4e_d1fcd1185c Password for user pg4e_d1fcd1185c: psql (12.11 (ubuntu 12.11-1.pgdg20.04+1), server 11.7 (ubuntu 11.7-2.pgdg18.04+1)) SSL connection (protocol: TLSv1.3, cipher: TLS_AES_256_GCM_SHA384, bits: 256, compression: off) Type "help" for help.

```
pg4e_d1fcd1185c=> \dt
List of relations
Schema | Name | Type |
                                                                                                 Owner
public | ages | table | pg4e_d1fcd1185c

public | automagic | table | pg4e_d1fcd1185c

public | pg4e_debug | table | pg4e_d1fcd1185c

public | pg4e_meta | table | pg4e_d1fcd1185c

public | pg4e_result | table | pg4e_d1fcd1185c

(5 rows)
pg4e_dlfcdl185c=> CREATE TABLE track_raw
pg4e_dlfcdl185c-> (title TEXT, artist TEXT, album TEXT,
pg4e_dlfcdl185c(> count INTEGER, rating INTEGER, len INTEGER);
CREATE TABLE
pg4e_dlfcdl185c=> \copy track_raw(title,artist,album,count,rating,len) FROM 'library.csv' WITH DELIMITER ',' CSV;
COPY 296
pg4e_dlfcdl185c=> select count(*) from track_raw;
count
------
   -----
296
(1 row)
pg4e_d1fcd1185c=> SELECT title, album FROM track_raw ORDER BY title LIMIT 3;
title | album
A Boy Named Sue (live) | The Legend Of Johnny Cash
A Brief History of Packets | Computing Conversations
Aguas De Marco | Natural Wonders Music Sampler 1999
(3 rows)
```