[90 min] DO: Assignment 4 / Query a Database with SQL

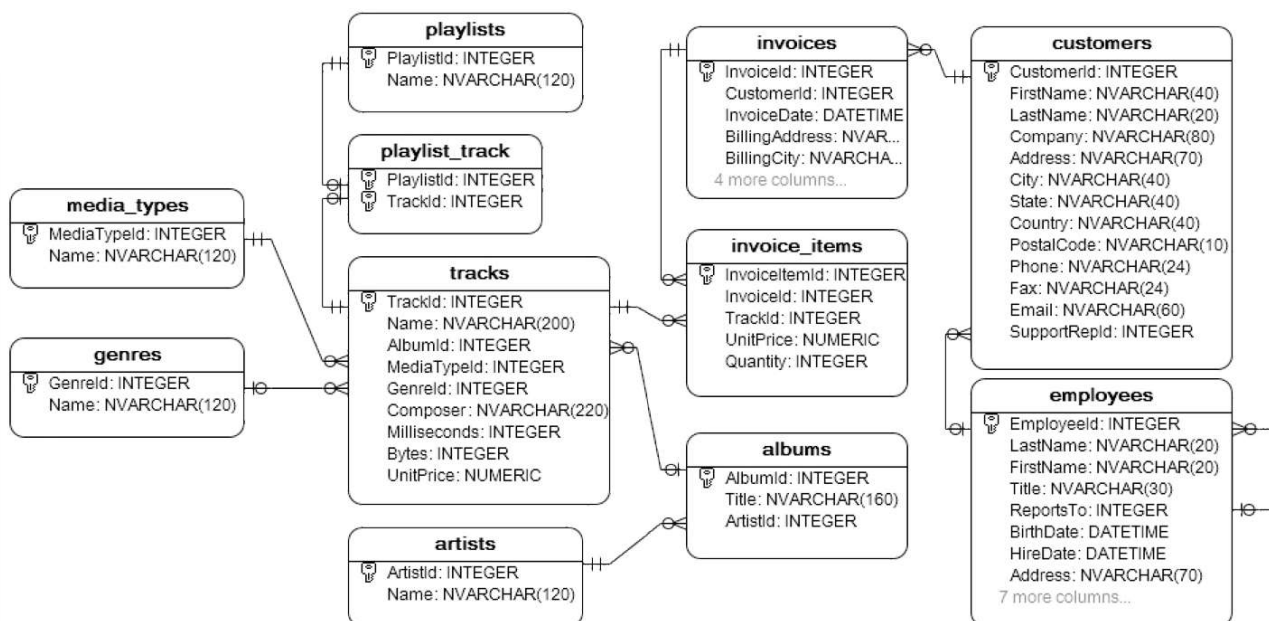**Due** Jul 16 by 9:29am   **Points** 100   **Submitting** a file upload   **File Types** sql

Format

Individual submission without collaboration although sharing of results without revealing code is permitted.

Instructions

Load this **Media Database** database into SQLite (cloud or desktop version). The database schema is visualized in the following ERD:

Using the ERD above, formulate queries to satisfy the following questions. Do not include *NULL* values.:

1. (5 pts) What are the last names and emails of all customer who made purchased in the store?
2. (5 pts) What are the names of each albums and the artist who created it?
3. (10 pts) What are the total number of unique customers for each state, ordered alphabetically by state?
4. (10 pts) Which states have more than 10 unique customers customers?
5. (10 pts) What are the names of the artists who made an album containing the substring "symphony" in the album title?
6. (15 pts) What are the names of all artists who performed MPEG (video or audio) tracks in either the "Brazilian Music" or the "Grunge" playlists?

7. (20 pts) How many artists published at least 10 MPEG tracks?
8. (25 pts) What is the total length of each playlist in hours? List the playlist id and name of only those playlists that are longer than 2 hours, along with the length in hours rounded to two decimals.

Submission Details

Submit a text file (script) with a *.sql* extension containing only the SQL queries in the order of the questions, *e.g.*, the second query in the file must answer the second question above. If the queries do not run or produce the incorrect result, no points are awarded.