Noah Streveler

Week6

Enter password: \*\*\*\*\*\*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 62

Server version: 8.0.27 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> source C:\cinema.sql

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 1 row affected (0.01 sec)

Database changed

Query OK, 0 rows affected (0.02 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.04 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 26 rows affected (0.01 sec)

Records: 26 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.02 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 24 rows affected (0.01 sec)

Records: 24 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected, 1 warning (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

mysql> use cinema;

Database changed

mysql> show databases;

+--------------------+

| Database |

+--------------------+

| cinema |

| information\_schema |

| mysql |

| performance\_schema |

| sakila |

| sys |

| world |

+--------------------+

7 rows in set (0.01 sec)

mysql> describe movies;

+--------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------------+--------------+------+-----+---------+-------+

| movieID | int | NO | PRI | NULL | |

| movieTitle | varchar(50) | YES | | NULL | |

| dateReleased | year | YES | | NULL | |

| country | varchar(20) | YES | | NULL | |

| genre | varchar(20) | YES | | NULL | |

| format | varchar(15) | YES | | NULL | |

| price | decimal(4,2) | YES | | NULL | |

| starID | int | YES | | NULL | |

+--------------+--------------+------+-----+---------+-------+

8 rows in set (0.01 sec)

mysql> describe stars;

+-----------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-----------+-------------+------+-----+---------+-------+

| starID | int | NO | PRI | NULL | |

| star\_name | varchar(30) | YES | | NULL | |

+-----------+-------------+------+-----+---------+-------+

2 rows in set (0.00 sec)

mysql> select movieTitle, starName from movies

-> INNER JOIN stars ON starID = starID

-> where genre = 'comedy';

ERROR 1054 (42S22): Unknown column 'starName' in 'field list'

mysql> select movieTitle, star\_Name from movies

-> INNER JOIN stars ON starID = starID

-> describe stars;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'describe stars' at line 3

mysql> select movieTitle, star\_Name from movies

-> INNER JOIN stars ON starID = starID

-> where genre = 'comedy';

ERROR 1052 (23000): Column 'starID' in on clause is ambiguous

mysql> select movieTitle, star\_Name from movies

-> INNER JOIN movies ON starID = starID

-> where genre = 'comedy';

ERROR 1066 (42000): Not unique table/alias: 'movies'

mysql> select movieTitle, star\_Name from movies

-> INNER JOIN stars ON movies.starID = stars.starID

-> where genre = 'comedy';

+-----------------------+----------------+

| movieTitle | star\_Name |

+-----------------------+----------------+

| Breakfast at Tiffanys | Audrey Hepburn |

| The Ten | Paul Rudd |

+-----------------------+----------------+

2 rows in set (0.00 sec)

mysql> select movieTitle, star\_Name, genre from movies

-> INNER JOIN stars ON movies.starID = stars.starID

-> where star\_Name = '%jo%' OR '%mar%';

Empty set, 1 warning (0.00 sec)

mysql> select movieTitle, star\_Name, genre from movies

-> INNER JOIN stars ON movies.starID = stars.starID

-> where star\_Name = '%jo%';

Empty set (0.00 sec)

mysql> select movieTitle, star\_Name, genre from movies

-> INNER JOIN stars ON movies.starID = stars.starID

-> where star\_Name = "%jo%";

Empty set (0.00 sec)

mysql> select movieTitle, star\_Name, genre from movies

-> INNER JOIN stars ON movies.starID = stars.starID

-> where star\_Name Like "%jo%";

+---------------------+-----------------+----------+

| movieTitle | star\_Name | genre |

+---------------------+-----------------+----------+

| Edward Scissorhands | Johnny Depp | Fantasy |

| Clay Pigeons | Joaquin Phoenix | Thriller |

| American Splendor | Josh Hutcherson | Drama |

+---------------------+-----------------+----------+

3 rows in set (0.00 sec)

mysql> select movieTitle, star\_Name, genre from movies

-> INNER JOIN stars ON movies.starID = stars.starID

-> where star\_Name Like "%jo%" or "%mar%";

+---------------------+-----------------+----------+

| movieTitle | star\_Name | genre |

+---------------------+-----------------+----------+

| Edward Scissorhands | Johnny Depp | Fantasy |

| Clay Pigeons | Joaquin Phoenix | Thriller |

| American Splendor | Josh Hutcherson | Drama |

+---------------------+-----------------+----------+

3 rows in set, 1 warning (0.00 sec)

mysql> select movieTitle, star\_Name, genre from movies

-> INNER JOIN stars ON movies.starID = stars.starID

-> where star\_Name Like "%jo%" or

-> where star\_Name Like "%mar%";

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'where star\_Name Like "%mar%"' at line 4

mysql> select movieTitle, star\_Name, genre from movies

-> INNER JOIN stars ON movies.starID = stars.starID

-> where (star\_Name Like "%jo%" OR star\_name Like "%mar%");

+----------------------+----------------------+----------+

| movieTitle | star\_Name | genre |

+----------------------+----------------------+----------+

| Oliver! | Mark Lester | Musical |

| On the Waterfront | Marlon Brando | Drama |

| Edward Scissorhands | Johnny Depp | Fantasy |

| The Godfather Part 2 | Marlon Brando | Drama |

| Clay Pigeons | Joaquin Phoenix | Thriller |

| Mephisto | Klaus Maria Branauer | Drama |

| American Splendor | Josh Hutcherson | Drama |

+----------------------+----------------------+----------+

7 rows in set (0.00 sec)

mysql> select movieTitle from movies

-> where (genre Like "drama" AND price > 40)

-> ;

+----------------------+

| movieTitle |

+----------------------+

| Adaptation |

| Dangerous Moves |

| The Godfather Part 2 |

| Rabbit-Proof Fence |

| 2046 |

| American Splendor |

+----------------------+

6 rows in set (0.00 sec)

mysql> select movieTitle from movies

-> where (genre Like "musical" AND dateReleased < '1970')

-> ;

+--------------+

| movieTitle |

+--------------+

| Oliver! |

| My Fair Lady |

+--------------+

2 rows in set (0.00 sec)

mysql> select dateReleased from movies;

+--------------+

| dateReleased |

+--------------+

| 1999 |

| 1985 |

| 1988 |

| 1968 |

| 2002 |

| 1954 |

| 2001 |

| 1991 |

| 1990 |

| 1990 |

| 1984 |

| 1999 |

| 2003 |

| 1974 |

| 2002 |

| 1997 |

| 1998 |

| 1961 |

| 2001 |

| 1981 |

| 1964 |

| 2001 |

| 2007 |

| 2004 |

| 2003 |

| 1997 |

+--------------+

26 rows in set (0.00 sec)

mysql> select AVG(price) 'averagePrice';

ERROR 1054 (42S22): Unknown column 'price' in 'field list'

mysql> select AVG(price) 'averagePrice' from movies;

+--------------+

| averagePrice |

+--------------+

| 39.028462 |

+--------------+

1 row in set (0.00 sec)

mysql> select count(format) 'averagePrice' from movies

-> where format Like "Netflix";

+--------------+

| averagePrice |

+--------------+

| 4 |

+--------------+

1 row in set (0.00 sec)

mysql> select format from movies;

+--------------+

| format |

+--------------+

| Netflix |

| DVD |

| Amazon Prime |

| Apple TV |

| DVD |

| Amazon Prime |

| DVD |

| Netflix |

| Apple TV |

| DVD |

| Amazon Prime |

| DVD |

| Amazon Prime |

| Apple TV |

| DVD |

| Amazon Prime |

| DVD |

| DVD |

| Apple TV |

| DVD |

| Netflix |

| DVD |

| Apple TV |

| Amazon Prime |

| Netflix |

| Apple TV |

+--------------+

26 rows in set (0.00 sec)

mysql> select distinct genre from movies;

+----------+

| genre |

+----------+

| Sci-Fi |

| Thriller |

| Drama |

| Musical |

| Fantasy |

| Comedy |

+----------+

6 rows in set (0.00 sec)

mysql> select movieTitle from movies

-> where (country NOT LIKE "US" AND format NOT LIKE "Amazon Prime");

+---------------------------------------+

| movieTitle |

+---------------------------------------+

| Star Wars: The Phantom Menace |

| After Hours |

| Oliver! |

| Adaptation |

| Lantana |

| Highway Patrolman |

| Dances with Wolves |

| Edward Scissorhands |

| Ghost Dog: The Way of the Samurai |

| The Godfather Part 2 |

| Rabbit-Proof Fence |

| Clay Pigeons |

| Breakfast at Tiffanys |

| The American Astronaut |

| Mephisto |

| My Fair Lady |

| The Lord of the Rings: The Two Towers |

| The Ten |

| American Splendor |

| Titanic |

+---------------------------------------+

20 rows in set (0.00 sec)

mysql> select AVG(price), Sum(price) from movies

-> where movieTitle LIKE "%American%";

+------------+------------+

| AVG(price) | Sum(price) |

+------------+------------+

| 39.240000 | 78.48 |

+------------+------------+

1 row in set (0.00 sec)

mysql> select MIN(yearReleased), MAX(yearReleased) from movies;

ERROR 1054 (42S22): Unknown column 'yearReleased' in 'field list'

mysql> select MIN(dateReleased), MAX(dateReleased) from movies;

+-------------------+-------------------+

| MIN(dateReleased) | MAX(dateReleased) |

+-------------------+-------------------+

| 1954 | 2007 |

+-------------------+-------------------+

1 row in set (0.00 sec)

mysql> select movieTitle from movies

-> ORDER BY dateReleased;

+---------------------------------------+

| movieTitle |

+---------------------------------------+

| On the Waterfront |

| Breakfast at Tiffanys |

| My Fair Lady |

| Oliver! |

| The Godfather Part 2 |

| Mephisto |

| Dangerous Moves |

| After Hours |

| Rain Man |

| Dances with Wolves |

| Edward Scissorhands |

| Highway Patrolman |

| The Sweet Hereafter |

| Titanic |

| Clay Pigeons |

| Star Wars: The Phantom Menace |

| Ghost Dog: The Way of the Samurai |

| Lantana |

| The American Astronaut |

| The Lord of the Rings: The Two Towers |

| Adaptation |

| Rabbit-Proof Fence |

| The Triplets of Belleville |

| American Splendor |

| 2046 |

| The Ten |

+---------------------------------------+

26 rows in set (0.00 sec)

mysql> select AVG(price) from movies

-> ORDER BY genre;

+------------+

| AVG(price) |

+------------+

| 39.028462 |

+------------+

1 row in set (0.00 sec)

mysql> select AVG(price) from movies

-> GROUP BY genre;

+------------+

| AVG(price) |

+------------+

| 53.490000 |

| 52.490000 |

| 36.220769 |

| 22.490000 |

| 54.240000 |

| 25.490000 |

+------------+

6 rows in set (0.00 sec)

mysql> select genre, AVG(price) from movies

-> GROUP BY genre;

+----------+------------+

| genre | AVG(price) |

+----------+------------+

| Sci-Fi | 53.490000 |

| Thriller | 52.490000 |

| Drama | 36.220769 |

| Musical | 22.490000 |

| Fantasy | 54.240000 |

| Comedy | 25.490000 |

+----------+------------+

6 rows in set (0.00 sec)

mysql> select COUNT(movieTitle) from movies

-> INNER JOIN stars ON movies.starID = stars.starID

-> GROUP BY starName;

ERROR 1054 (42S22): Unknown column 'starName' in 'group statement'

mysql> select COUNT(movieTitle) from movies

-> INNER JOIN stars ON movies.starID = stars.starID

-> GROUP BY star\_name;

+-------------------+

| COUNT(movieTitle) |

+-------------------+

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

| 2 |

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

| 2 |

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

| 1 |

+-------------------+

24 rows in set (0.00 sec)

mysql> select star\_name, COUNT(movieTitle) from movies

-> INNER JOIN stars ON movies.starID = stars.starID

-> GROUP BY star\_name;

+----------------------+-------------------+

| star\_name | COUNT(movieTitle) |

+----------------------+-------------------+

| Jake Lloyd | 1 |

| Griffin Dunne | 1 |

| Dustin Hoffman | 1 |

| Mark Lester | 1 |

| Nicolas Cage | 1 |

| Marlon Brando | 2 |

| Anthony LaPaglia | 1 |

| Roberto Sosa | 1 |

| Kevin Costner | 1 |

| Johnny Depp | 1 |

| Liv Ullmann | 1 |

| Forest Whitaker | 1 |

| Beatrice Bonifassi | 1 |

| Kenneth Branagh | 1 |

| Ian Holm | 1 |

| Joaquin Phoenix | 1 |

| Audrey Hepburn | 2 |

| Rocco Sisto | 1 |

| Klaus Maria Branauer | 1 |

| Elijah Wood | 1 |

| Paul Rudd | 1 |

| Tony Leung | 1 |

| Josh Hutcherson | 1 |

| Leonardo Dicaprio | 1 |

+----------------------+-------------------+

24 rows in set (0.00 sec)

mysql>