

Question 5

(csci_620) rohaan@macbook-air-7 assignment-7 % python programs/task_5.py

WARNING: password file "/Users/rohaan/.pgpass" has group or world access; permissions should be u=rw (0600) or less

Executing query:

```
CREATE TABLE IF NOT EXISTS L1 AS (SELECT actor1, COUNT(actor1_movie) AS "movies" FROM ( SELECT actor AS "actor1", title AS "actor1_movie" FR ...
```

Results returned: 32141

Executing query:

```
CREATE TABLE IF NOT EXISTS L2 AS (SELECT actor1, actor2, COUNT(actor1_movie) AS "movies" FROM ( SELECT actor AS "actor1", title AS "actor1_m ...
```

Results returned: 5418

Executing query:

```
CREATE TABLE IF NOT EXISTS L3 AS (SELECT actor1, actor2, actor3, COUNT(actor1_movie) AS "movies" FROM ( SELECT actor AS "actor1", title AS " ...
```

Results returned: 656

Executing query:

```
CREATE TABLE IF NOT EXISTS L4 AS (SELECT actor1, actor2, actor3, actor4, COUNT(actor1_movie) AS "movies" FROM ( SELECT actor AS "actor1", ti ...
```

Results returned: 148

Executing query:

```
CREATE TABLE IF NOT EXISTS L5 AS (SELECT actor1, actor2, actor3, actor4, actor5, COUNT(actor1_movie) AS "movies" FROM ( SELECT actor AS "act ...
```

Results returned: 33

Executing query:

```
CREATE TABLE IF NOT EXISTS L6 AS (SELECT actor1, actor2, actor3, actor4, actor5, actor6, COUNT(actor1_movie) AS "movies" FROM ( SELECT actor ...
```

Results returned: 5

Executing query:

```
CREATE TABLE IF NOT EXISTS L7 AS (SELECT actor1, actor2, actor3, actor4, actor5, actor6, actor7, COUNT(actor1_movie) AS "movies" FROM ( SELE ...
```

Results returned: 0

Maximum Number of Frequent itemsets: 6

```
[(2467428, 'Kyle Rea'), (4050725, 'Jason Barker'), (323304, 'Donald F. Glut'), (43498, 'Robert Axelrod'), (7158704, 'Vikram Barn'), (7158706, 'Simon Minter'), (7158707, 'Josh Bradley'), (7158708, 'Ethan Payne'), (7158709, 'Tobi Brown'), (7158710, 'Harry Lewis'), (314775, 'David Gerrold'), (124920, 'G. Larry Butler'), (1679769, 'Mariee Herington'), (2846621, 'Bradford Hill)']
```