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M7.2 Assignment- Movies: Table Queries  
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For the first portion of the assignment, I worked within **MySQL Workbench** to pull up the results. The .sql file developed for each of these is: smithson\_M7\_queries.

Studio Table Query:

A screenshot of a computer

AI-generated content may be incorrect.

Genre table Query:

A screenshot of a computer

AI-generated content may be incorrect.

Short Films Genre Query:

A screenshot of a computer

AI-generated content may be incorrect.

Films Grouped by Director Query:

A screenshot of a computer

AI-generated content may be incorrect.

For the second portion of the assignment I developed a **Python** script (smithson\_M7\_movies.py) to connect to the MySQL database and run the same four queries using Python within **VS Code**. Here are the results after running the program:

A screenshot of a computer

AI-generated content may be incorrect.

A closer look (after I fixed a spacing issue in #4’s heading):A screen shot of a computer

AI-generated content may be incorrect.

References:

GeeksforGeeks. (2023, August 28). *Python MySQL – Select Query*. GeeksforGeeks. <https://www.geeksforgeeks.org/python-mysql-select-query/>

MySQL. (n.d.). *MySQL Connector/Python Developer Guide*. MySQL. <https://dev.mysql.com/doc/connector-python/en/connector-python-example-cursor-select.html>

pypi.org. (n.d.). *python-dotenv 1.0.1*. PyPI. <https://pypi.org/project/python-dotenv/>

Python Software Foundation. (2024). *f-string — Formatted string literals*. Python 3.12. https://docs.python.org/3/reference/lexical\_analysis.html#f-strings

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