

## FILTERING DATA

Ann Mariya Francis

Exercise 3.5

26 Jan 2025

1)

[Query](#) [Query History](#) [Scratch Pad](#) [×](#)

```
1 SELECT * FROM film
2 WHERE title LIKE '%Uptown%';
```

[Data Output](#) [Messages](#) [Notifications](#)

Showing rows: 1 to 4 Page No: 1 of 1

	film_id [PK] integer	title character varying (255)	description text
1	132	Chainsaw Uptown	A Beautiful Documentary of a Boy And a Robot who must Discover a Squirrel in Australia
2	207	Dangerous Uptown	A Unbelievable Story of a Mad Scientist And a Woman who must Overcome a Dog in California
3	927	Uprising Uptown	A Fanciful Reflection of a Boy And a Butler who must Pursue a Woman in Berlin
4	928	Uptown Young	A Fateful Documentary of a Dog And a Hunter who must Pursue a Teacher in An Abandoned Amusement Park

1b)

[Query](#) [Query History](#)

```
1 SELECT film_id, title, description, length, rental_rate FROM film
2 WHERE length > 120 and rental_rate > 2.9;
```

1c)

Query	Query History	Scratch Pad X																																	
<pre> 1 SELECT film_id, title, description, rental_duration FROM film 2 WHERE rental_duration BETWEEN 3 AND 7 ; </pre>																																			
Data Output	Messages	Notifications																																	
<div> <div>Showing rows: 1 to 1000</div> <div>Page No: 1 of 1</div> <div> <div>SQL</div> </div> </div> <table> <thead> <tr> <th></th><th></th><th>rental_duration smallint</th></tr> </thead> <tbody> <tr><td>1</td><td>f a Moose And a Husband who must Overcome a Monkey in Nigeria</td><td>7</td></tr> <tr><td>2</td><td>And a Explorer who must Redeem a Moose in Australia</td><td>5</td></tr> <tr><td>3</td><td>e And a Girl who must Confront a Monkey in Ancient India</td><td>6</td></tr> <tr><td>4</td><td>lumberjack And a Feminist who must Conquer a Student in A Jet Boat</td><td>4</td></tr> <tr><td>5</td><td>minist And a Mad Scientist who must Battle a Teacher in The Canadian Rockies</td><td>6</td></tr> <tr><td>6</td><td>of a Database Administrator And a Explorer who must Find a Car in Ancient China</td><td>3</td></tr> <tr><td>7</td><td>on of a Lumberjack And a Car who must Sink a Lumberjack in A Baloon Factory</td><td>7</td></tr> <tr><td>8</td><td>ry of a Frisbee And a Lumberjack who must Chase a Monkey in A Shark Tank</td><td>5</td></tr> <tr><td>9</td><td>entary of a Pastry Chef And a Dentist who must Pursue a Forensic Psychologist in The Gulf of Mexico</td><td>6</td></tr> <tr><td>10</td><td>of a Robot And a Boy who must Escape a Sumo Wrestler in Ancient China</td><td>3</td></tr> </tbody> </table> <div> <div>Total rows: 1000</div> <div>Query complete 00:00:00.187</div> <div>CRLF</div> <div>Ln 2, Col 38</div> </div>					rental_duration smallint	1	f a Moose And a Husband who must Overcome a Monkey in Nigeria	7	2	And a Explorer who must Redeem a Moose in Australia	5	3	e And a Girl who must Confront a Monkey in Ancient India	6	4	lumberjack And a Feminist who must Conquer a Student in A Jet Boat	4	5	minist And a Mad Scientist who must Battle a Teacher in The Canadian Rockies	6	6	of a Database Administrator And a Explorer who must Find a Car in Ancient China	3	7	on of a Lumberjack And a Car who must Sink a Lumberjack in A Baloon Factory	7	8	ry of a Frisbee And a Lumberjack who must Chase a Monkey in A Shark Tank	5	9	entary of a Pastry Chef And a Dentist who must Pursue a Forensic Psychologist in The Gulf of Mexico	6	10	of a Robot And a Boy who must Escape a Sumo Wrestler in Ancient China	3
		rental_duration smallint																																	
1	f a Moose And a Husband who must Overcome a Monkey in Nigeria	7																																	
2	And a Explorer who must Redeem a Moose in Australia	5																																	
3	e And a Girl who must Confront a Monkey in Ancient India	6																																	
4	lumberjack And a Feminist who must Conquer a Student in A Jet Boat	4																																	
5	minist And a Mad Scientist who must Battle a Teacher in The Canadian Rockies	6																																	
6	of a Database Administrator And a Explorer who must Find a Car in Ancient China	3																																	
7	on of a Lumberjack And a Car who must Sink a Lumberjack in A Baloon Factory	7																																	
8	ry of a Frisbee And a Lumberjack who must Chase a Monkey in A Shark Tank	5																																	
9	entary of a Pastry Chef And a Dentist who must Pursue a Forensic Psychologist in The Gulf of Mexico	6																																	
10	of a Robot And a Boy who must Escape a Sumo Wrestler in Ancient China	3																																	

1D)

Query	Query History
<pre> 1 SELECT film_id, title, description, replacement_cost FROM film 2 WHERE replacement_cost &lt; 14.99 ; </pre>	

1E)

Query	Query History
<pre> 1 SELECT film_id, title, description, rating FROM film 2 WHERE rating = 'PG' OR rating = 'G' ; </pre>	

3)

Query

Query History

↗

Scratch Pad X

1

2

3

4

5

6

7

8

9

SELECT

COUNT (title) AS count\_of\_movies,

AVG(rental\_rate) AS average\_movie\_rental\_rate,

MAX(rental\_rate) AS maximum\_rental\_duration,

MIN(rental\_duration) AS minimum\_rental\_duration

FROM film

WHERE rating='PG' OR rating='G'

GROUP BY rating ;

Data Output

Messages

Notifications

+

📁

▼

📋

▼

🗑

📦

📶

📈

SQL

Showing rows: 1 to 2

Page No: 1 of 1

⏪

⏴

⏵

⏩

	count_of_movies bigint	average_movie_rental_rate numeric	maximum_rental_duration numeric	minimum_rental_duration smallint
1	178	2.8888764044943820	4.99	3
2	194	3.0518556701030928	4.99	3

Total rows: 2

Query complete 00:00:00.111

CRLF

L