

Answers 3.5

1)

- a) Film title contains the word Uptown in any position

Query

Query History

1

2

3

SELECT film_id, title, description

FROM film

WHERE title LIKE '%Uptown%'

Data output

Messages

Notifications

film_id

title

description

[PK] integer

character varying (255)

text

1

2

3

4

132

207

927

928

Chainsaw Uptown

Dangerous Uptown

Uprising Uptown

Uptown Young

A Beautiful ...

A Unbeliev...

A Fanciful ...

A Fateful D...

- b) Film length is more than 120 minutes and rental rate is more than 2.99

Query

Query History

1

SELECT film_id, title, description

2

FROM film

3

WHERE length > 120 AND rental_rate > 2.99

Data output

Messages

Notifications

	film_id [PK] integer	title character varying (255)	description text
1	13	Ali Forever	A Action-Packed Drama...
2	21	American Circus	A Insightful Drama of a ...
3	265	Dying Maker	A Intrepid Tale of a Boa...
4	47	Baby Hall	A Boring Character Stu...
5	126	Casualties Encino	A Insightful Yarn of a A ...
6	61	Beauty Grease	A Fast-Paced Display of...
7	68	Betrayed Rear	A Emotional Character ...
8	70	Bikini Borrowers	A Astounding Drama of ...
9	74	Birch Antitrust	A Fanciful Panorama of...
10	75	Bird Independence	A Thrilling Documentar...

- c) Rental duration is between 3 and 7 days (where 3 and 7 aren't inclusive)

Query

Query History

1

SELECT film_id, title, description

2

FROM film

3

WHERE rental_duration > 3 AND rental_duration < 7

Data output

Messages

Notifications

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	film_id [PK] integer	title character varying (255)	description text
1	384	Grosse Wonderful	A Epic Drama of a Cat ...
2	8	Airport Pollock	A Epic Tale of a Moose ...
3	98	Bright Encounters	A Fateful Yarn of a Lum...
4	1	Academy Dinosaur	A Epic Drama of a Femi...
5	4	Affair Prejudice	A Fanciful Documentar...
6	5	African Egg	A Fast-Paced Documen...
7	7	Airplane Sierra	A Touching Saga of a H...
8	10	Aladdin Calendar	A Action-Packed Tale o...
9	11	Alamo Videotape	A Boring Epistle of a Bu...
10	12	Alaska Phantom	A Fanciful Saga of a Hu...

- d) Film replacement cost is less than 14.99

Query

Query History

1

SELECT film_id, title, description

2

FROM film

3

WHERE replacement_cost < 14.99

Data output

Messages

Notifications

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⬇️

	film_id [PK] integer	title character varying (255)	description text
1	98	Bright Encounters	A Fateful Yarn of...
2	2	Ace Goldfinger	A Astounding Ep...
3	15	Alien Center	A Brilliant Drama...
4	22	Amistad Midsummer	A Emotional Cha...
5	23	Anaconda Confessions	A Lacklusture Di...
6	27	Anonymous Human	A Amazing Refle...
7	29	Antitrust Tomatoes	A Fateful Yarn of...
8	32	Apocalypse Flamingos	A Astounding St...
9	36	Argonauts Town	A Emotional Epis...
10	39	Armageddon Lost	A Fast-Paced Tal...

e) Film rating is either PG or G

Query

Query History

1

SELECT film_id, title, description

2

FROM film

3

WHERE rating IN ('PG', 'G')

Data output

Messages

Notifications

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	film_id [PK] integer	title character varying (255)	description text
1	1	Academy Dinosaur	A Epic Drama of ...
2	2	Ace Goldfinger	A Astounding Epi...
3	4	Affair Prejudice	A Fanciful Docu...
4	5	African Egg	A Fast-Paced Do...
5	6	Agent Truman	A Intrepid Panora...
6	11	Alamo Videotape	A Boring Epistle ...
7	12	Alaska Phantom	A Fanciful Saga o...
8	13	Ali Forever	A Action-Packed ...
9	19	Amadeus Holy	A Emotional Disp...
10	22	Amistad Midsummer	A Emotional Char...

2)

Query

Query History

1

2

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8

SELECT rating,

COUNT(title) AS film_count,

AVG(rental_rate) AS avg_rental_rate,

MAX(rental_duration) AS max_rental_duration,

MIN(rental_duration) AS min_rental_duration

FROM film

WHERE rating IN ('PG', 'G')

GROUP BY rating

Data output

Messages

Notifications

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rating

mpaa_rating

film_count

bigint

avg_rental_ra

numeric

max_rental_duration

smallint

min_rental_duration

smallint

1

PG

194

3.051855670

7

3

2

G

178

2.888876404

7

3

3)

Query

Query History

1

SELECT rating,

2

COUNT(title) AS count_of_movies,

3

AVG(rental_rate) AS average_movie_rental_rate,

4

MAX(rental_duration) AS maximum_rental_duration,

5

MIN(rental_duration) AS minimum_rental_duration

6

FROM film

7

WHERE rating IN ('PG', 'G')

8

GROUP BY rating

Data output

Messages

Notifications

	rating mpaa_rating	count_of_movies bigint	average_mov numeric	maximum_rental_duration smallint	minimum_rental_duration smallint
1	PG	194	3.051855670	7	3
2	G	178	2.888876404	7	3

4) This step has already been completed in part 3.