

Rockbuster/postgres@PostgreSQL 15

No limit

Query Query History

```

1 SELECT film_ID, title, description
2 FROM film
3 WHERE title LIKE '%Uptown%'

```

Data Output Messages Notifications

	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 P...

Total rows: 4 of 4 Query complete 00:00:00.237

Ln 3, Col 27

1.b Film length is more than 120 minutes and rental rate is more than 2.99

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Query

Query History

```
1 SELECT film_ID, title, description, length, rental_rate
2 FROM film
3 WHERE length > 120
4 AND rental_rate > 2.99
```

Data Output

Messages

Notifications

	film_id [PK] integer	title character varying (255)	description text	length smallint
1	13	All Forever	A Action-Packed Drama of a Dentist And a Crocodile who must Battle a Feminist in The Canadian Rockies	15
2	21	American Circus	A Insightful Drama of a Girl And a Astronaut who must Face a Database Administrator in A Shark Tank	12
3	265	Dying Maker	A Intrepid Tale of a Boat And a Monkey who must Kill a Cat in California	16
4	47	Baby Hall	A Boring Character Study of a A Shark And a Girl who must Outrace a Feminist in An Abandoned Mine Shaft	15
5	126	Casualties Encino	A Insightful Yarn of a A Shark And a Pastry Chef who must Face a Boy in A Monastery	17
6	61	Beauty Grease	A Fast-Paced Display of a Composer And a Moose who must Sink a Robot in An Abandoned Mine Shaft	17
7	68	Betrayed Rear	A Emotional Character Study of a Boat And a Pioneer who must Find a Explorer in A Shark Tank	12
8	70	Bikini Borrowers	A Astounding Drama of a Astronaut And a Cat who must Discover a Woman in The First Manned Space Station	14

Total rows: 157 of 157 Query complete 00:00:00.166 Ln 4, Col 23

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Query Query History

```

1 SELECT film_ID, title, description, rental_duration
2 FROM film
3 WHERE rental_duration >3
4 AND rental_duration <7

```

Data Output Messages Notifications

	film_id [PK] integer	title character varying (255)	description text
1	384	Grosse Wonderful	A Epic Drama of a Cat And a Explorer who must Redeem a Moose in Australia
2	8	Airport Pollock	A Epic Tale of a Moose And a Girl who must Confront a Monkey in Ancient India
3	98	Bright Encounters	A Fateful Yarn of a Lumberjack And a Feminist who must Conquer a Student in A Jet Boat
4	1	Academy Dinosaur	A Epic Drama of a Feminist And a Mad Scientist who must Battle a Teacher in The Canadian Rockies
5	4	Affair Prejudice	A Fanciful Documentary of a Frisbee And a Lumberjack who must Chase a Monkey in A Shark Tank
6	5	African Egg	A Fast-Paced Documentary of a Pastry Chef And a Dentist who must Pursue a Forensic Psychologist in The Gulf of Mexico
7	7	Airplane Sierra	A Touching Saga of a Hunter And a Butler who must Discover a Butler in A Jet Boat
8	10	Aladdin Calendar	A Action-Packed Tale of a Man And a Lumberjack who must Reach a Feminist in Ancient China

Total rows: 606 of 606 Query complete 00:00:00.101 Ln 4, Col 23

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

1.d Film replacement cost is less than 14.99

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Query Query History

```
1 SELECT film_ID, title, description, replacement_cost
2 FROM film
3 WHERE replacement_cost < 14.99
```

Data Output Messages Notifications

	film_id [PK] integer	title character varying (255)	description text	rep nur
1	98	Bright Encounters	A Fateful Yarn of a Lumberjack And a Feminist who must Conquer a Student in A Jet Boat	
2	2	Ace Goldfinger	A Astounding Epistle of a Database Administrator And a Explorer who must Find a Car in Ancient China	
3	15	Alien Center	A Brilliant Drama of a Cat And a Mad Scientist who must Battle a Feminist in A MySQL Convention	
4	22	Amistad Midsummer	A Emotional Character Study of a Dentist And a Crocodile who must Meet a Sumo Wrestler in California	
5	23	Anaconda Confessions	A Lacklusture Display of a Dentist And a Dentist who must Fight a Girl in Australia	
6	27	Anonymous Human	A Amazing Reflection of a Database Administrator And a Astronaut who must Outrace a Database Administrator in A Shark Tank	
7	29	Antitrust Tomatoes	A Fateful Yarn of a Womanizer And a Feminist who must Succumb a Database Administrator in Ancient India	
8	32	Apocalypse Flamingos	A Astounding Story of a Dog And a Squirrel who must Defeat a Woman in An Abandoned Amusement Park	

Total rows: 249 of 249 Query complete 00:00:00.120 Ln 3, Col 31

1.e Film rating is either PG or G

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Query

Query History

```
1 SELECT film_ID, title, description, rating
2 FROM film
3 WHERE rating IN('PG', 'G')
```

Data Output

Messages

Notifications

	film_id [PK] integer	title character varying (255)	description text
1	1	Academy Dinosaur	A Epic Drama of a Feminist And a Mad Scientist who must Battle a Teacher in The Canadian Rockies
2	2	Ace Goldfinger	A Astounding Epistle of a Database Administrator And a Explorer who must Find a Car in Ancient China
3	4	Affair Prejudice	A Fanciful Documentary of a Frisbee And a Lumberjack who must Chase a Monkey in A Shark Tank
4	5	African Egg	A Fast-Paced Documentary of a Pastry Chef And a Dentist who must Pursue a Forensic Psychologist in The Gulf of Mexico
5	6	Agent Truman	A Intrepid Panorama of a Robot And a Boy who must Escape a Sumo Wrestler in Ancient China
6	11	Alamo Videotape	A Boring Epistle of a Butler And a Cat who must Fight a Pastry Chef in A MySQL Convention
7	12	Alaska Phantom	A Fanciful Saga of a Hunter And a Pastry Chef who must Vanquish a Boy in Australia
8	13	Ali Forever	A Action-Packed Drama of a Dentist And a Crocodile who must Battle a Feminist in The Canadian Rockies

Total rows: 372 of 372 Query complete 00:00:00.098 Ln 3, Col 27

3.a Count of Movies is 372

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Query Query History

```
1 SELECT COUNT(film_id)
2 FROM film
3 WHERE rating IN('PG', 'G')
```

Data Output Messages Notifications

count
bigint

1372

Total rows: 1 of 1 Query complete 00:00:00.095 Ln 3, Col 27

3.b The average rental rate is 2.97

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Query Query History

```
1 SELECT AVG(rental_rate)
2 FROM film
3 WHERE rating IN('PG', 'G')
```

Data Output Messages Notifications

	avg numeric
1	2.9738709677419355

Total rows: 1 of 1 Query complete 00:00:00.180 Ln 3, Col 27

3.c Maximum Rent Duration is 7

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Query

Query History

```
1 SELECT MAX (rental_duration)
2 FROM film
3 WHERE rating IN('PG', 'G')
```

Data Output

Messages

Notifications

	max smallint
1	7

Total rows: 1 of 1 Query complete 00:00:00.073

Ln 3, Col 27

3.d The Minimum Rent Duration is 3

The screenshot shows a PostgreSQL query editor interface. At the top, the connection is set to 'Rockbuster/postgres@PostgreSQL 15'. Below the connection bar is a toolbar with various icons for file operations, query execution, and settings. The main area is divided into 'Query' and 'Query History' tabs. The 'Query' tab is active, displaying the following SQL query:

```
1 SELECT MIN (rental_duration)
2 FROM film
3 WHERE rating IN('PG', 'G')
```

Below the query editor is a section for 'Data Output', 'Messages', and 'Notifications'. The 'Data Output' tab is active, showing a table with the results of the query. The table has two columns: 'min' and 'smallint'. The first row shows the value '3' in the 'smallint' column.

	min	smallint
1		3

3.e To make this easier for coworkers.

The screenshot shows a PostgreSQL query editor interface. At the top, the connection is identified as 'Rockbuster/postgres@PostgreSQL 15'. Below the connection bar is a toolbar with icons for file operations, query execution, and settings. The 'Query' tab is active, displaying the following SQL query:

```
1 SELECT COUNT(film_id) AS count_of_movies,  
2 AVG (rental_rate) AS average_movie_rental_rate,  
3 MAX (rental_duration) AS maximum_rental_duration,  
4 MIN (rental_duration) AS minimum_rental_duration  
5 FROM film  
6 WHERE rating IN('PG', 'G')
```

Below the query editor, the 'Data Output' tab is active, showing the results of the query in a table. The table has five columns: 'count_of_movies' (bigint), 'average_movie_rental_rate' (numeric), 'maximum_rental_duration' (smallint), and 'minimum_rental_duration' (smallint). The results are as follows:

	count_of_movies bigint	average_movie_rental_rate numeric	maximum_rental_duration smallint	minimum_rental_duration smallint
1	372	2.9738709677419355	7	3

4.

