## Answers 3.5

1)

4

a) Film title contains the word Uptown in any position

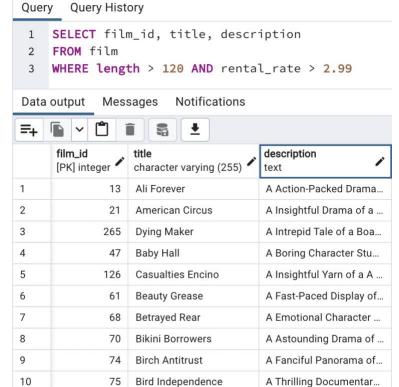
928

## **Query History** Query SELECT film\_id, title, description 1 2 FROM film 3 WHERE title LIKE '%Uptown%' Data output Messages **Notifications** =+ film\_id title description [PK] integer character varying (255) text 1 132 Chainsaw Uptown A Beautiful ... 2 207 Dangerous Uptown A Unbeliev... 3 927 A Fanciful ... Uprising Uptown

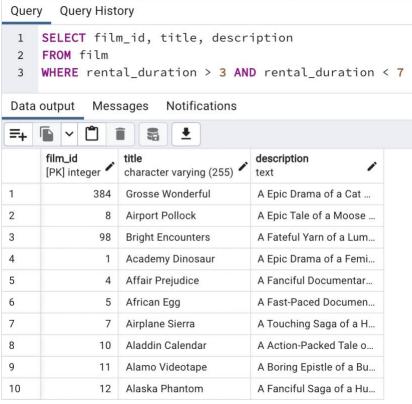
**Uptown Young** 

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

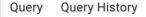
A Fateful D...



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



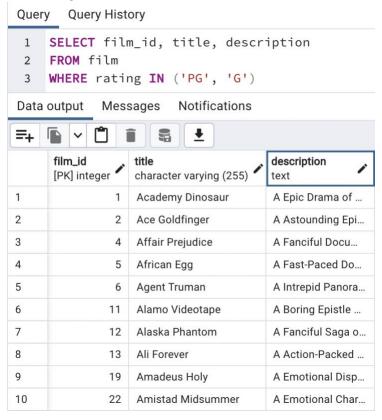
d) Film replacement cost is less than 14.99



- 1 SELECT film\_id, title, description
- 2 FROM film
- 3 WHERE replacement\_cost < 14.99</pre>

Messages **Notifications** Data output =+ \* film\_id description [PK] integer character varying (255) 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 Argonauts Town A Emotional Epis... 36 10 Armageddon Lost A Fast-Paced Tal...

e) Film rating is either PG or G



Query Query History

2)

```
1
    SELECT rating,
        COUNT(title) AS film_count,
 2
        AVG(rental_rate) AS avg_rental_rate,
 3
        MAX(rental_duration) AS max_rental_duration,
 4
        MIN(rental_duration) AS min_rental_duration
 5
    FROM film
 6
    WHERE rating IN ('PG', 'G')
 7
    GROUP BY rating
 8
                      Notifications
Data output
           Messages
```

|   | rating mpaa_rating | film_count bigint | avg_rental_ra | max_rental_duration smallint | min_rental_duration smallint |
|---|--------------------|-------------------|---------------|------------------------------|------------------------------|
| 1 | PG                 | 194               | 3.051855670   | 7                            | 3                            |
| 2 | G                  | 178               | 2.888876404   | 7                            | 3                            |

3)

## **Query History** Query SELECT rating, 1 COUNT(title) AS count\_of\_movies, 2 3 AVG(rental\_rate) AS average\_movie\_rental\_rate, MAX(rental\_duration) AS maximum\_rental\_duration, 4 MIN(rental\_duration) AS minimum\_rental\_duration 5 6 FROM film WHERE rating IN ('PG', 'G') 7 **GROUP BY** rating Data output Messages **Notifications** =+ count\_of\_movies average\_mov maximum\_rental\_duration minimum\_rental\_duration rating mpaa\_rating bigint smallint numeric smallint 1 PG 194 3.051855670 7 3 2 G 2.888876404 7 3 178

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