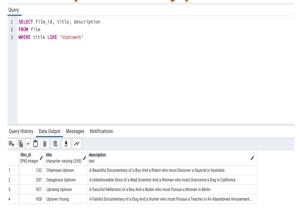
## 3.5: Filtering Data

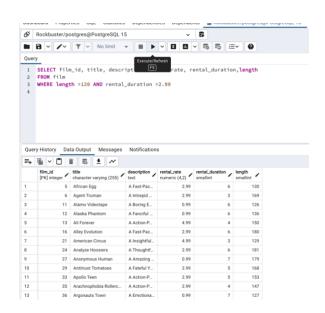
## Answers 3.5.

Write some SQL queries to return a list of films that meet the following conditions. Your results tables should include the columns "film\_ID," "title," and "description".

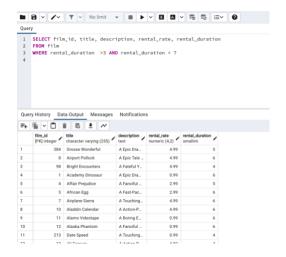
1: Film title contains the word Uptown in any position.



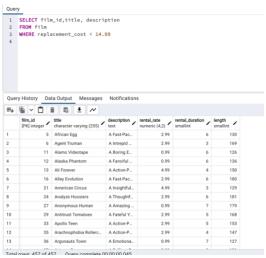
1.b: Film length is more than 120 minutes and rental rate is more than 2.99



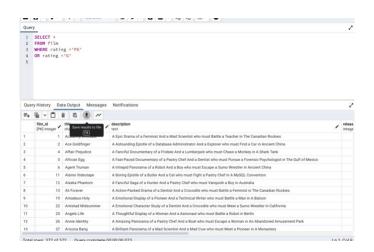
1c. Rental duration is between 3 and 7 days (where 3 and 7 aren't inclusive)



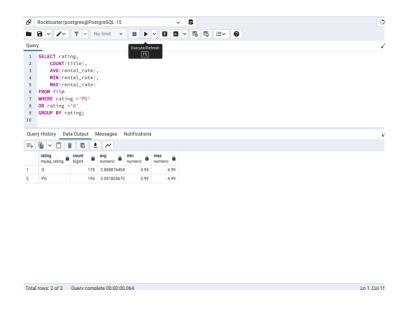
## 1d.Film replacement cost is less than 14.99



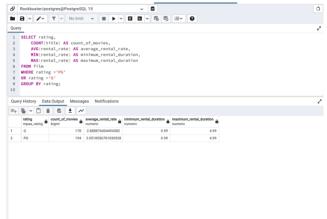
## 1.e Film rating is either PG or G



- 2. The query you wrote in step 1e returned a list of movies that meet certain criteria (film rating is either PG or G). The inventory team has asked for the following information about this list:
- Count of the movies
- Average rental rate
- Maximum rental duration and minimum rental duration



3. To make the output easier for your coworkers to understand, give your aggregate columns the following aliases: "count of movies," "average movie rental rate," "maximum rental duration", and "minimum rental duration". Run the query and transfer the result into your Excel file on a new sheet as well as the code you used to get there.



4. The customer team would like to see the fields you calculated in step 3 grouped by rating. The totals in your results table should look the same as in step 3, but broken down by the rating column. Copy-paste your query and its output in your answers on a new sheet..

