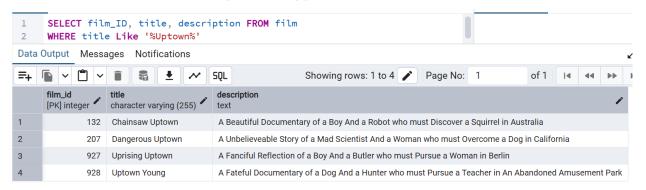
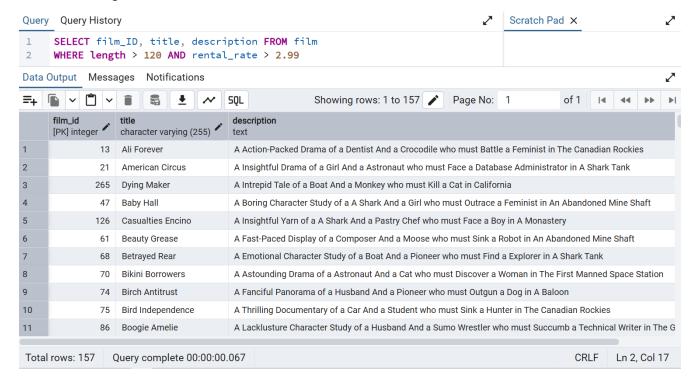
Filtering Data

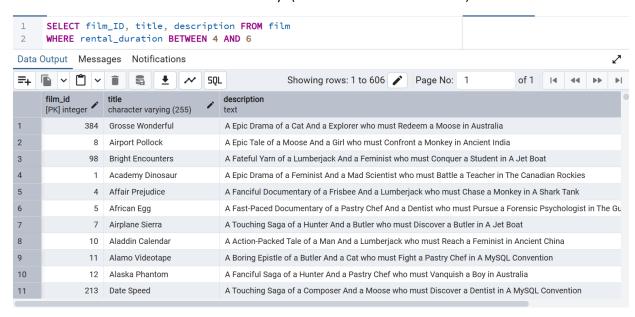
- Write SQL queries to return lists of films that meet the following conditions. Download your outputs for each query as CSV files using the pgadmin inbuilt functionality. Copy your query and results table (including the columns "film_ID," "title," and "description") into the corresponding CSV file.
 - Film title contains the word *Uptown* in any position



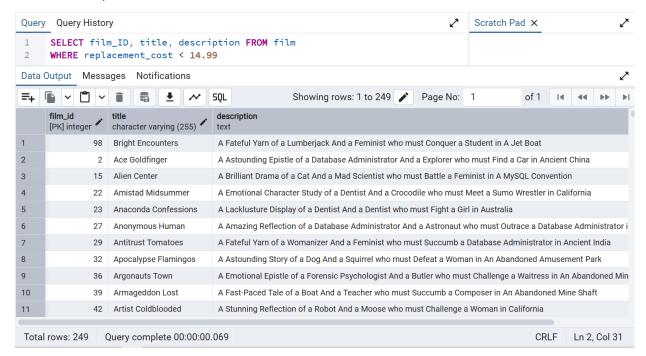
Film length is more than 120 minutes and rental rate is more than 2.99



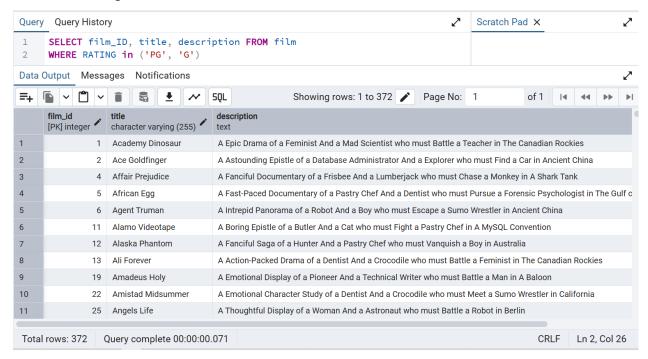
Rental duration is between 3 and 7 days (where 3 and 7 aren't inclusive)



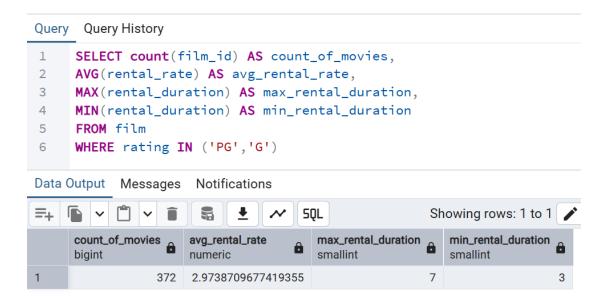
• Film replacement cost is less than 14.99



• Film rating is either PG or G



- 3. The query you wrote in step 1e returned a list of movies with a film rating of either PG or G. The inventory team has asked for more information about this list: count of the movies, average rental rate, and maximum and minimum rental durations. Run the query and transfer the code you used and your results onto a new sheet in your Excel file. To make the output easier for your coworkers to understand, give your aggregate columns the following aliases:
 - a. "count of movies"
 - b. "average movie rental rate"
 - c. "maximum rental duration"
 - d. "minimum rental duration"



4. The customer team wants to see the fields you calculated in step 3 grouped by rating. The totals in your results table should look the same but broken down by the rating column. Copypaste your query and its output onto a new sheet.

