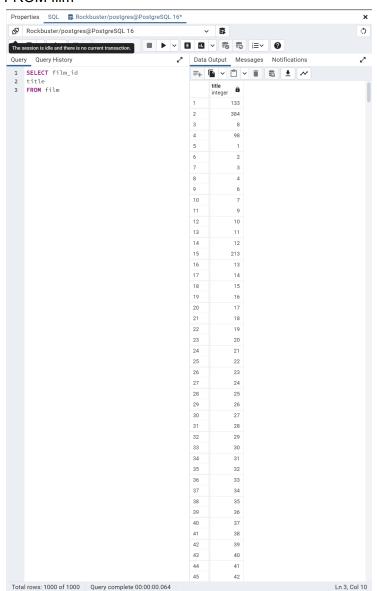
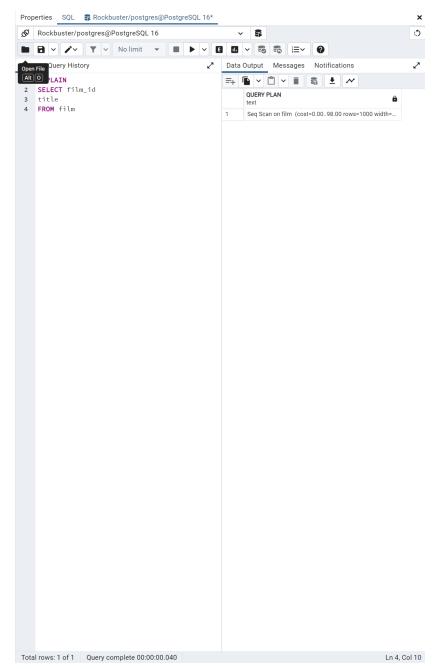
Alexander Coley 11-17-23 Exercise 3.4

1. A: SELECT film_id title

FROM film



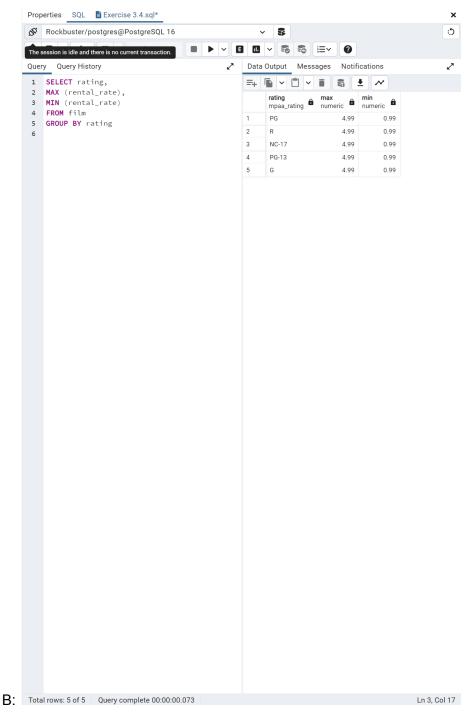


B: When I ran the EXPLAIN function from the original it did come back slower. My guess is that the query didn't have to load as many columns and in turn came back faster than the original.





SELECT rating, AVG (rental_rate) FROM film GROUP BY rating



SELECT rating, MAX (rental_rate), MIN (rental_rate) FROM film GROUP BY rating 4. A: First the data engineer will need to extract the data, next they will need to transform the data to make it readable for our team to properly understand. Finally, they will need to load it to a database for us to clean and give proper reports.

B: One of the main problems I see with this is that it is specifically being extracted from the Android app. Since that is the case if any of our engineers were using macbooks, the data would not translate correctly since Apple and Android use different languages in their programs. While yes the engineers could use windows, the same problem would arise if it was the Apple app as opposed to the Android one.