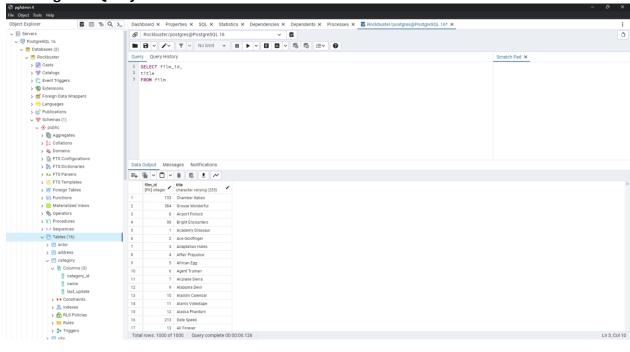
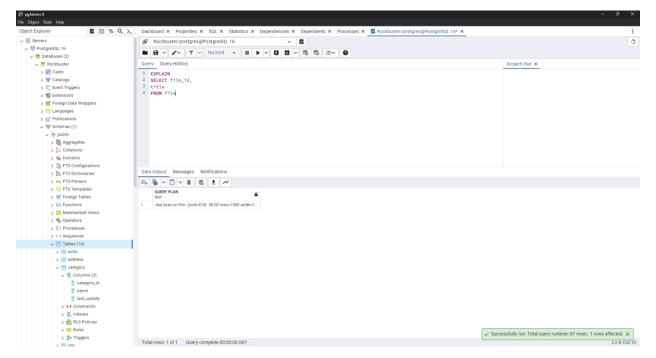
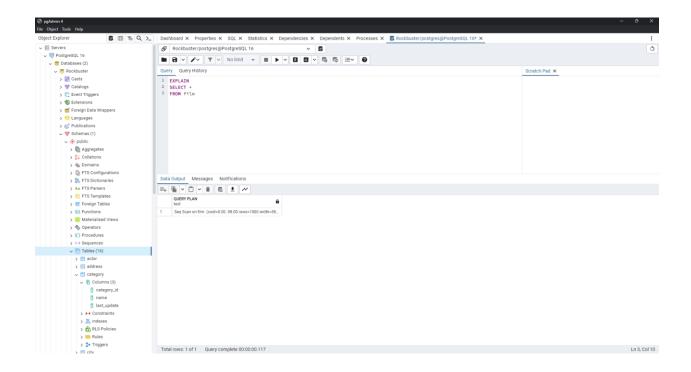
1. Refining Your Query:

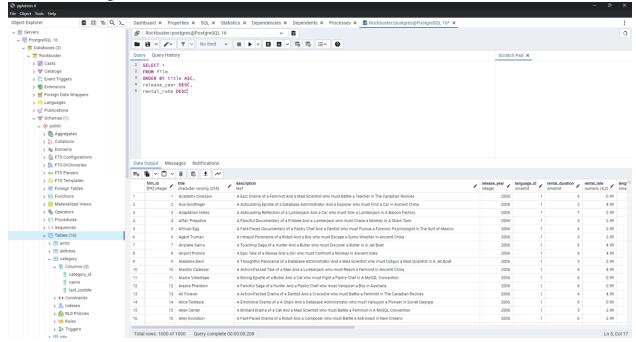




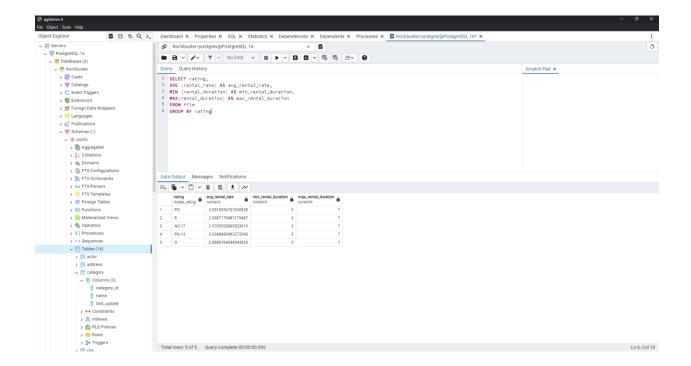


The costs of the original query and the revised query appear to be the same. If the size of the database increase, then the time spent for the query to return also increases, making the revised query a more suitable option to save cost.

2. Ordering the Data:



3. Grouping Data:



4. Database Migration:

The procedure to migrate data on user behavior from external database we will need to follow the ETL (Extract, Transform, Load). First, the data needs to be collected from the external source (Rockbuster Android app). Second, the collected data must be transformed and converted into the right format. Lastly, the extracted and formatted data should be loaded into a new database.

Data Engineers are responsible for data migration. But a data analyst should still be aware of the basic concept to coordinate this process to ensure the accuracy and consistency of the data.

Typical problems may include incorrect spelling, spacing, duplicate data, and incorrect format of data. This concludes the importance of data cleaning.