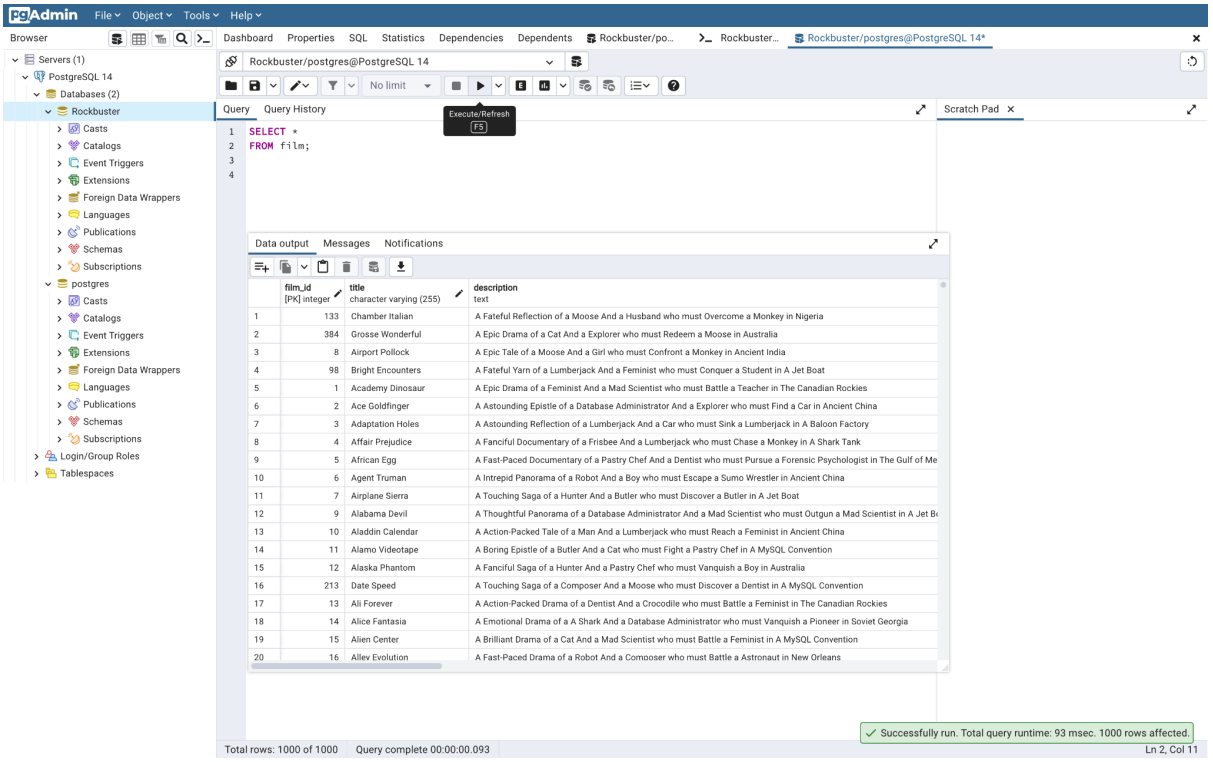
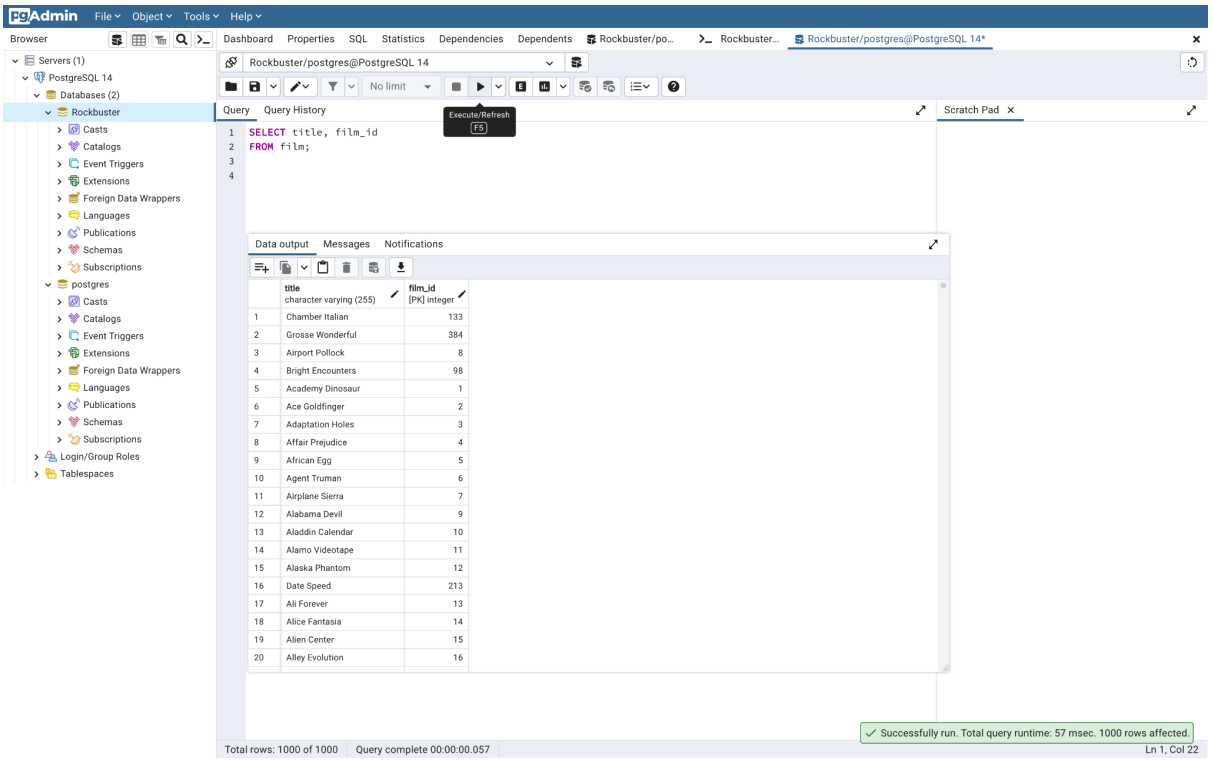
Answers 3.4

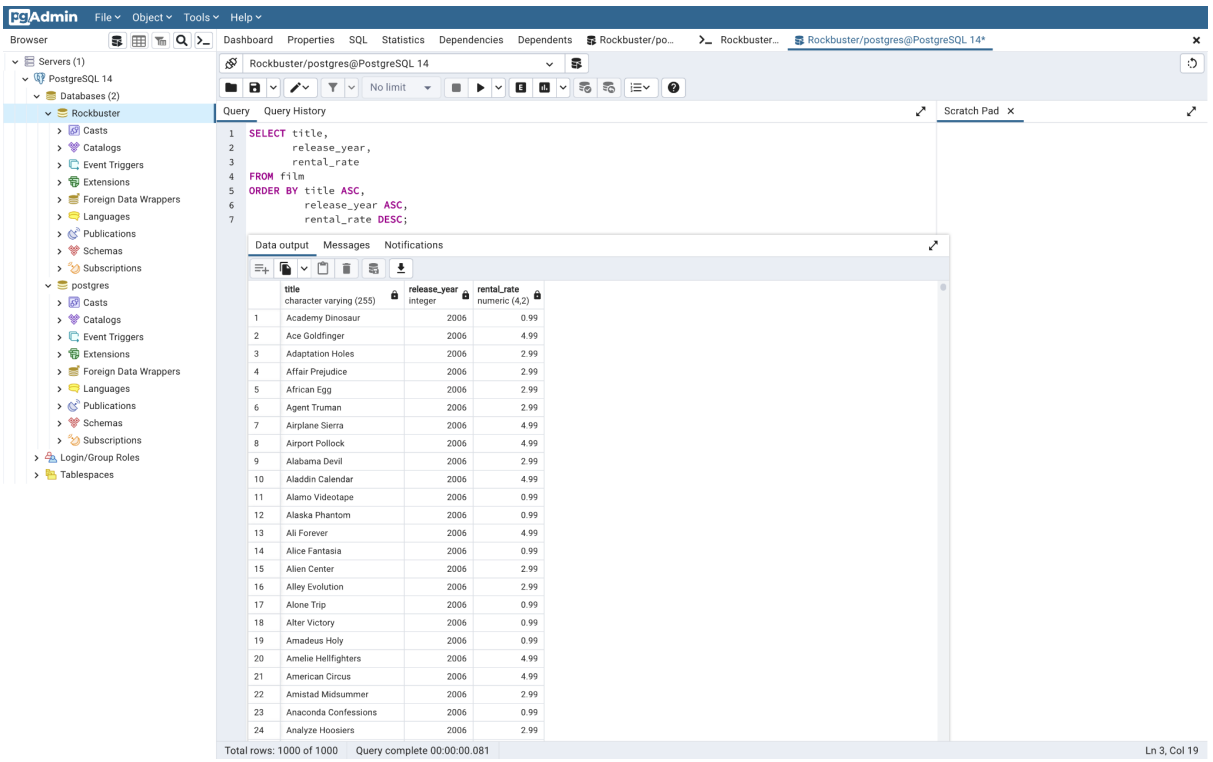
1





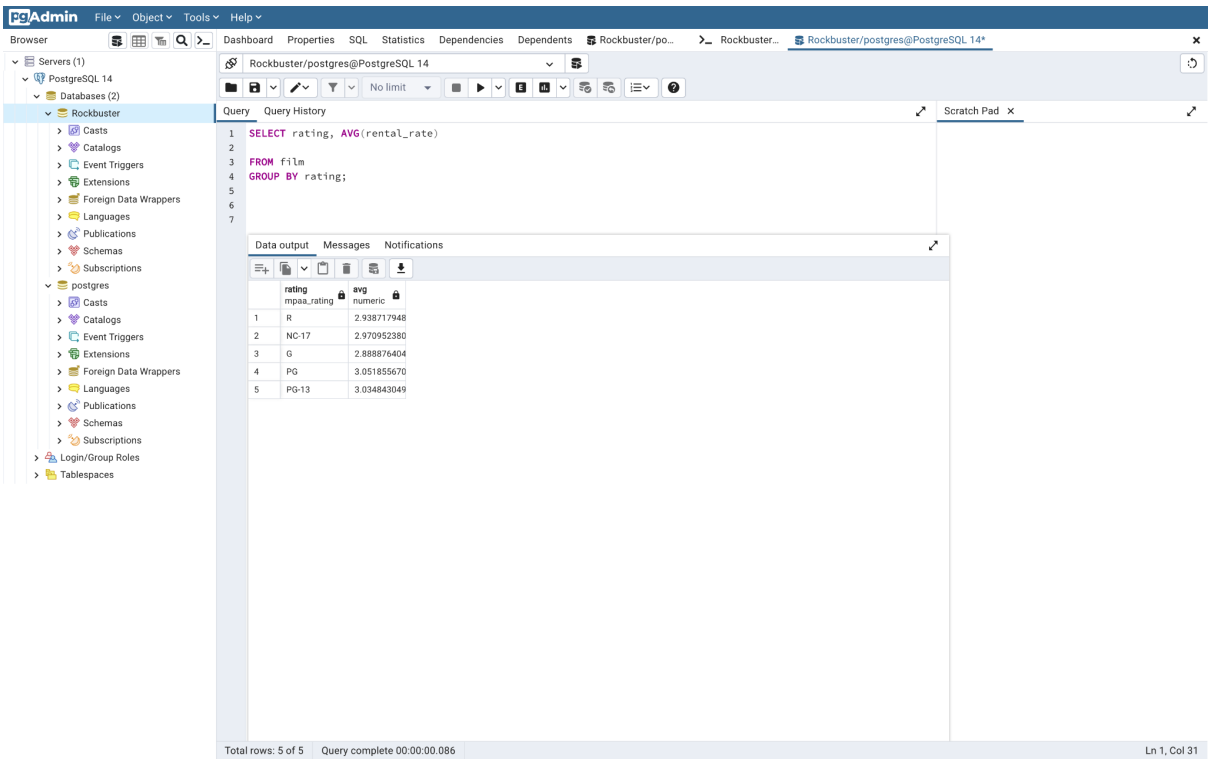
The first and the second queries show the same cost of 0.00-64.00. When I do the first query, it took 93msec. And the second query took 57msec. In terms of efficiency, the second query show me the columns that I needed and it was even a bit faster than the first query.

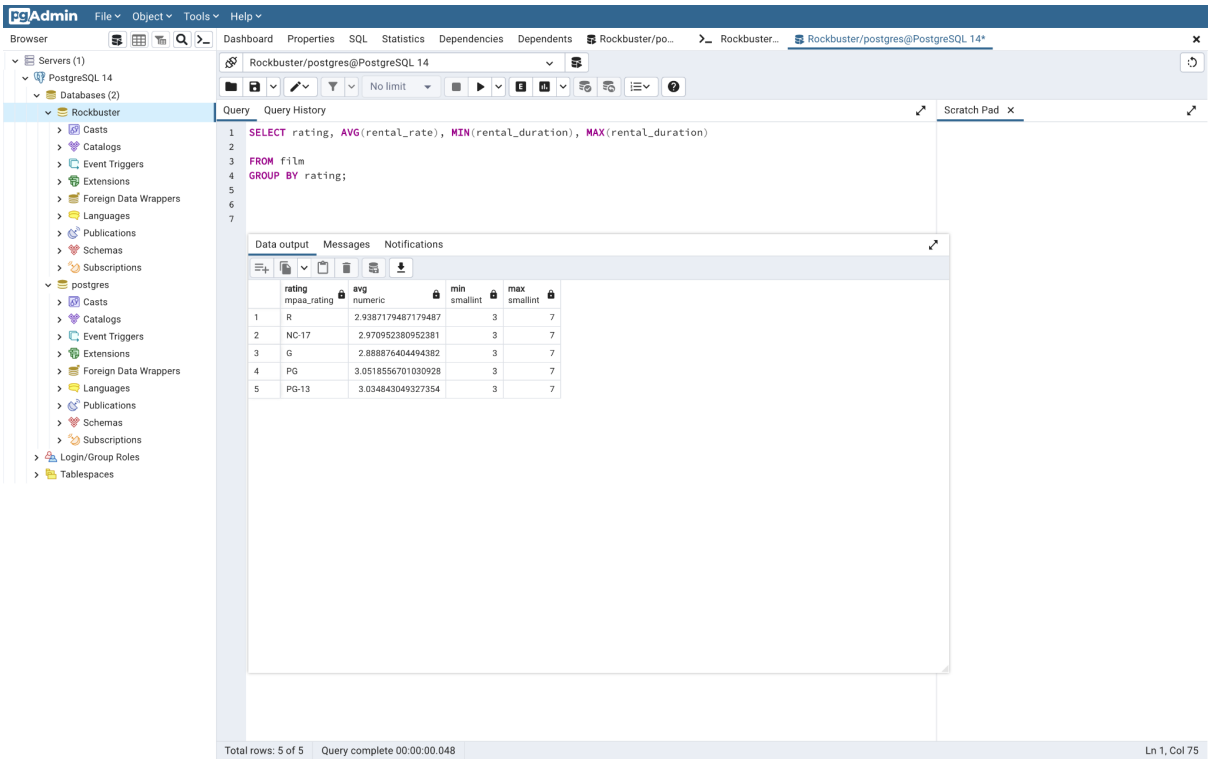
2



CSV File : https://docs.google.com/spreadsheets/d/1SDmDOEr7dQJ_WVs7nTXeEtmtnDlD90iAwg5GV6VfyRI/edit#gid=322743095

3





CSV File : https://docs.google.com/spreadsheets/d/1EjHg4ddW_KmR2Ni82aV3HpHjKeLujQZN3asuRQp1kDw/edit#gid=1298819693

4

To migrate the app data into the warehouse of Rockbuster, the whole migrating process should follow the ETL process. First of all, the app data will be extracted. Second, the extracted data will be transformed into a format that fits with warehouse structure. Third, the app data finished formatting process will be loaded to the warehouse.

If we do not do optimizing the data format, the app data will show us a bunch of null data so that we cannot get information or insight as much as we want.