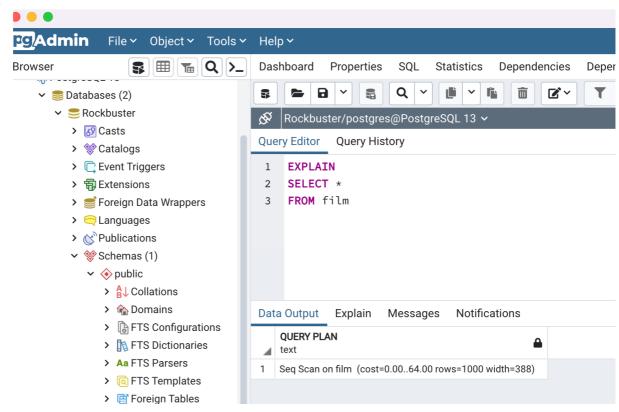
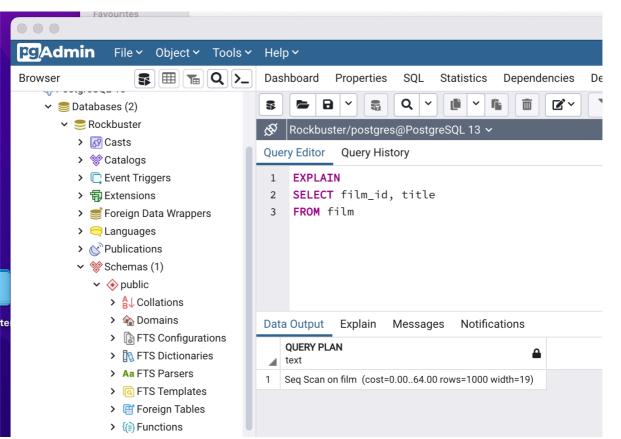
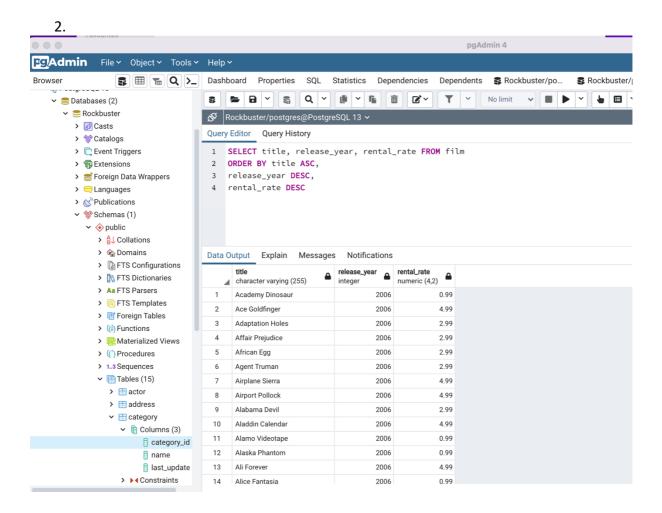
Task_4

1.

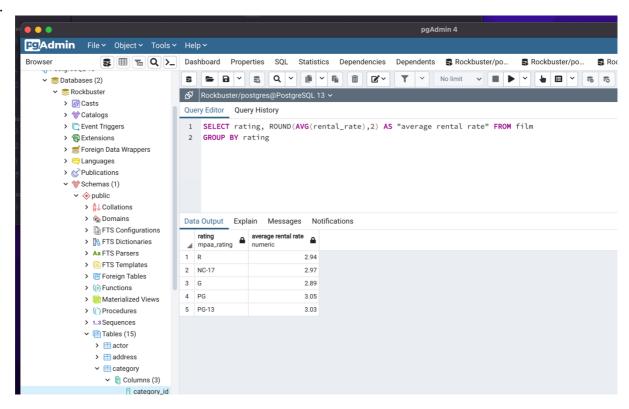


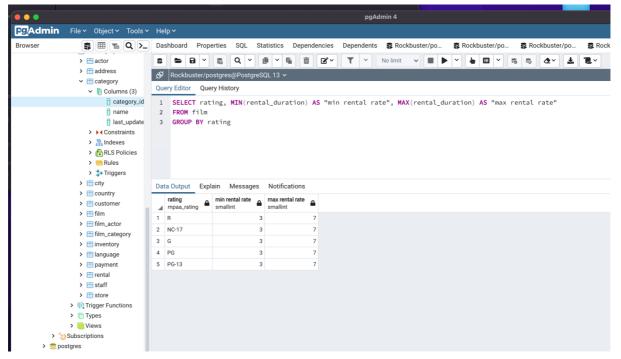


The cost for both queries is same. Only the width differs in both results. According to our results width does not have any effect on cost. However, we can optimize our results limiting the rows if we know what exactly we need.



3.





4.

- a) Firstly, we **Extract** the necessary information from the app (Performed by data engineers, cloud engineers)
- b) We **Transform** the data into suitable format (Performed by data engineers also possible data analysts and scientist)
- c) Loading the data into new database

If data is analyzed before migrating, firstly there might be a "clean data" issue. However, it is also possible that the data that analyzed before migrating, will not be match our current inventory data.