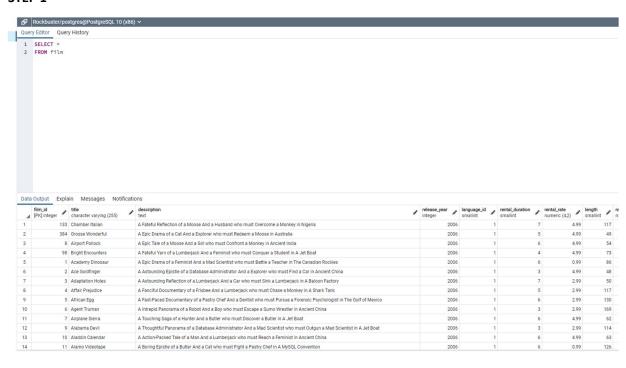
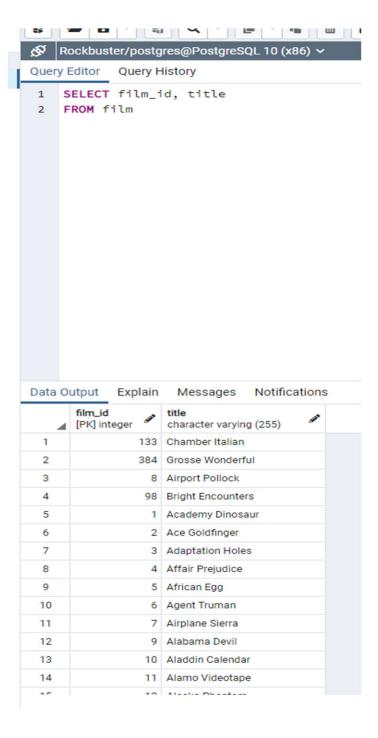
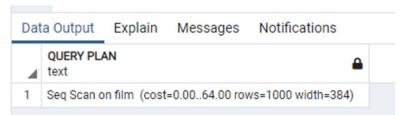
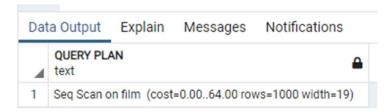
Database Querying in SQL

STEP 1









It could be seen from the difference in the cost of the original and the query that the width of the original is 384 and the revised is 19. Meaning you could view all the information from the revised column.

STEP 2

- 1 SELECT title, release_year, rental_rate
- 2 FROM film
- 3 ORDER BY rental_rate ASC

Data Output Explain Messages Notifications			
4	title character varying (255)	release_year integer	rental_rate numeric (4,2)
1	Frost Head	2006	0.99
2	Odds Boogie	2006	0.99
3	Theory Mermaid	2006	0.99
4	Fury Murder	2006	0.99
5	Gables Metropolis	2006	0.99
6	Novocaine Flight	2006	0.99
7	Notting Speakeasy	2006	0.99
8	Gandhi Kwai	2006	0.99
9	Alaska Phantom	2006	0.99
10	Notorious Reunion	2006	0.99
11	Bull Shawshank	2006	0.99
12	Gathering Calendar	2006	0.99
13	Argonauts Town	2006	0.99
14	None Spiking	2006	0.99
4.5	Observations FIE	2007	0.00

STEP 3

Dat	a Output Ex	plain	Messages	Notific	ations
4	rating mpaa_rating	avg	neric	<u> </u>	
1	R	2	.938717948717	9487	
2	NC-17	2	.970952380952	3810	
3	G	2	.888876404494	3820	
4	PG	3	.051855670103	0928	
5	PG-13	3	.034843049327	3543	

Dat	a Output Exp	lain Mes	sages	Notifications
4	rating mpaa_rating	max smallint	•	
1	R		7	
2	NC-17		7	
3	G		7	
4	PG		7	
5	PG-13		7	

Dat	Data Output Explain Messages Notifications				
4	rating mpaa_rating	min smallint			
1	R	3			
2	NC-17	3			
3	G	3			
4	PG	3			
5	PG-13	3			

STEP 4

- > Firstly, Data needs to be collected from multiple data sources.
- > Secondly, the extracted data is converted into another format.
- > Lastly, the transformed data is inserted or loaded into a new database.

This task is performed by a Data Engineer.

- Most at times, you can see errors before Data is loaded to a warehouse.
- Also when Data is inaccurate, it affects the performance of the workout put from the Data warehouse.