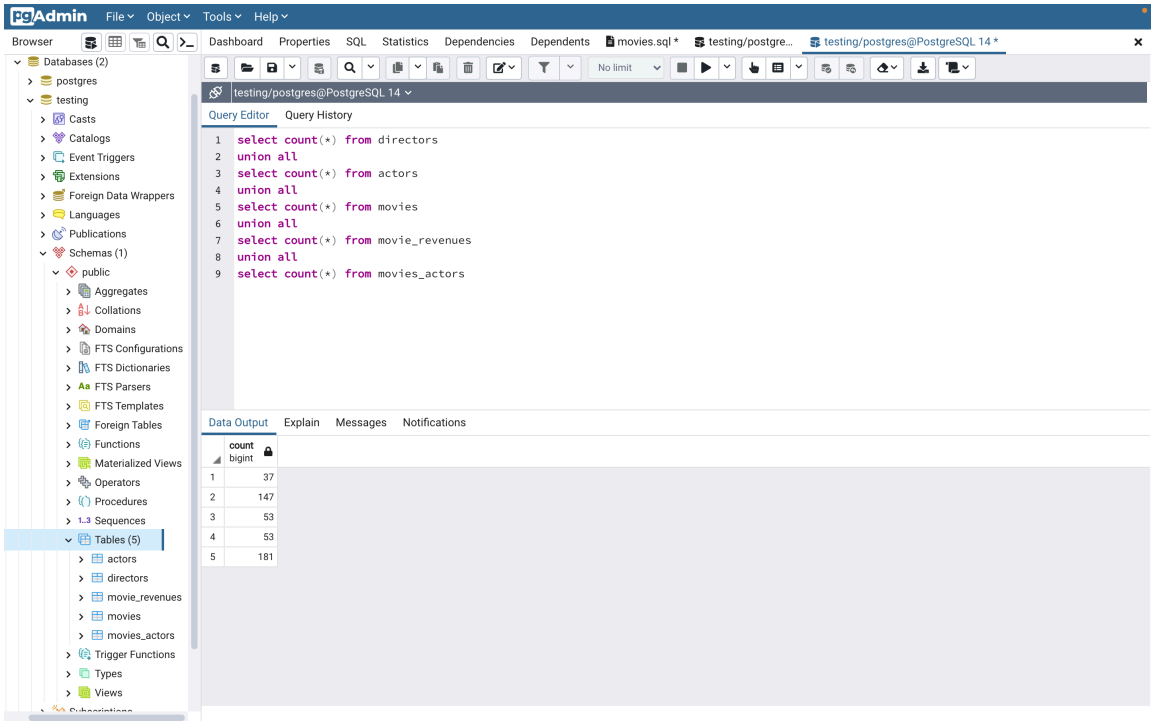
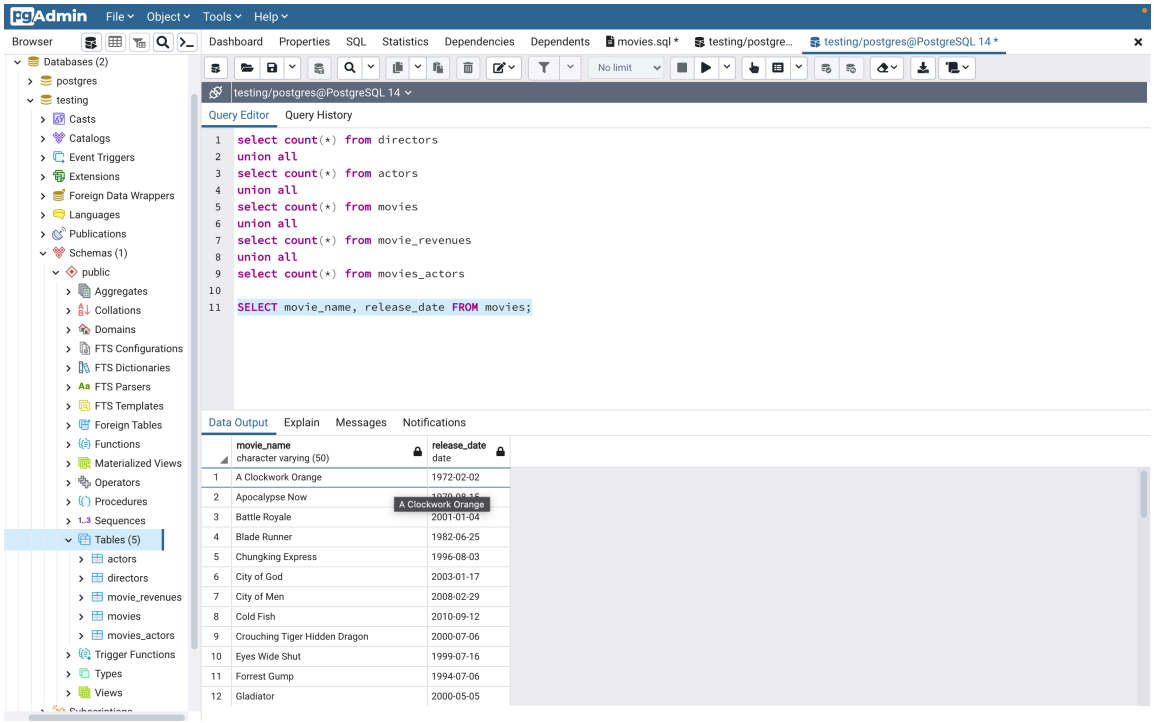
Part A. Run below query and show the result

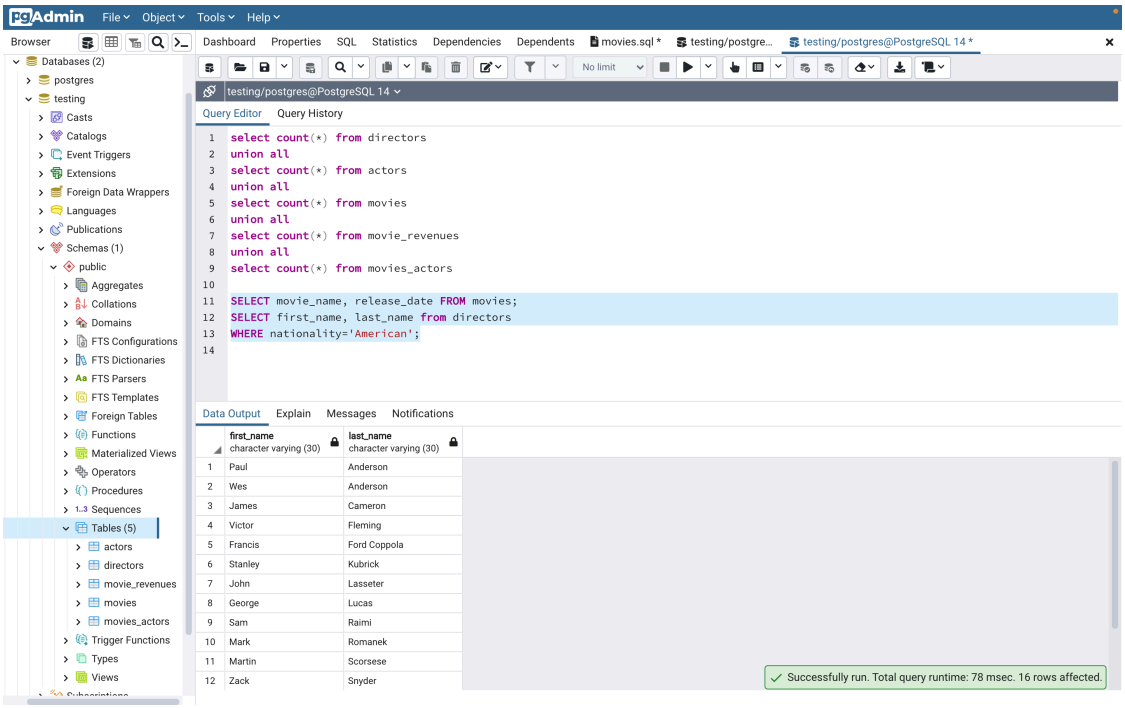


Part B. Run below 4 queries and show the result

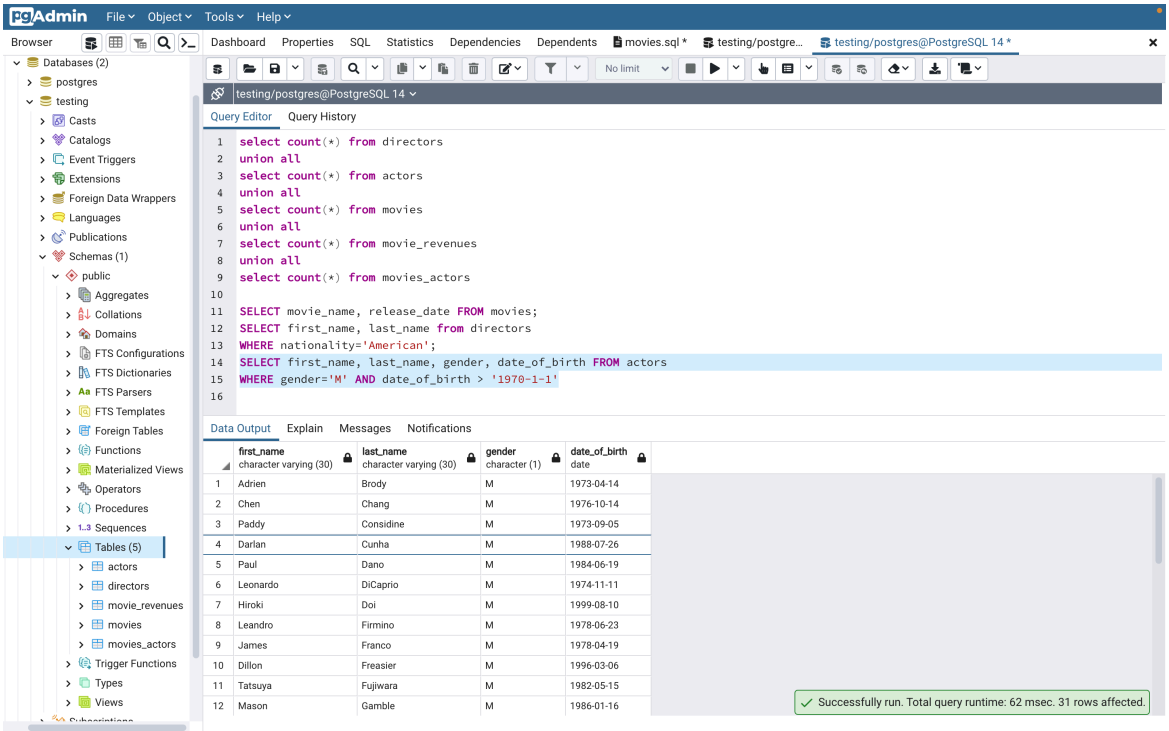
1.



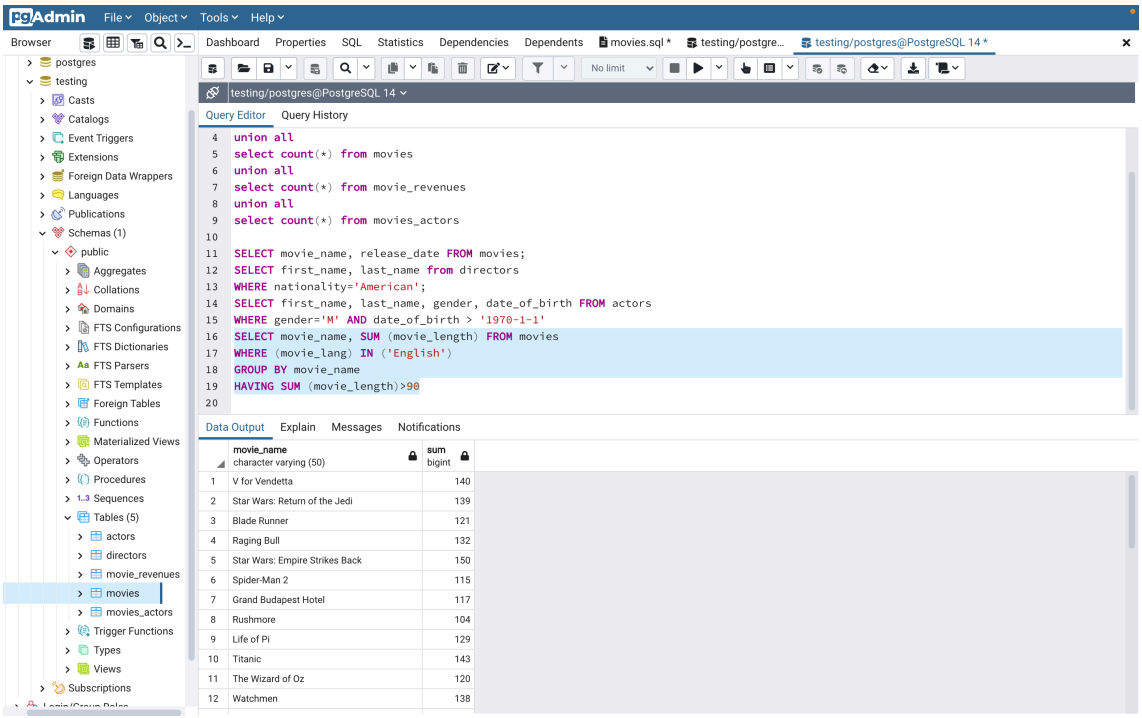
2.


pgAdmin File Object Tools Help
Browser
Dashboard Properties SQL Statistics Dependencies Dependents movies.sql * testing/postgre... testing/postgres@PostgreSQL 14 *
Databases (2)
postgres
testing
Casts
Catalogs
Event Triggers
Extensions
Foreign Data Wrappers
Languages
Publications
Schemas (1)
public
Aggregates
Collations
Domains
FTS Configurations
FTS Dictionaries
FTS Parsers
FTS Templates
Foreign Tables
Functions
Materialized Views
Operators
Procedures
Sequences
Tables (5)
actors
directors
movie_revenues
movies
movies_actors
Trigger Functions
Types
Views
testing/postgres@PostgreSQL 14
Query Editor
Query History
select count(*) from directors
union all
select count(*) from actors
union all
select count(*) from movies
union all
select count(*) from movie_revenues
union all
select count(*) from movies_actors
SELECT movie_name, release_date FROM movies;
SELECT first_name, last_name from directors
WHERE nationality='American';
Data Output
Explain
Messages
Notifications
first_name character varying (30)
last_name character varying (30)
1 Paul Anderson
2 Wes Anderson
3 James Cameron
4 Victor Fleming
5 Francis Ford Coppola
6 Stanley Kubrick
7 John Lasseter
8 George Lucas
9 Sam Raimi
10 Mark Romanek
11 Martin Scorsese
12 Zack Snyder
Successfully run. Total query runtime: 78 msec. 16 rows affected.

3.

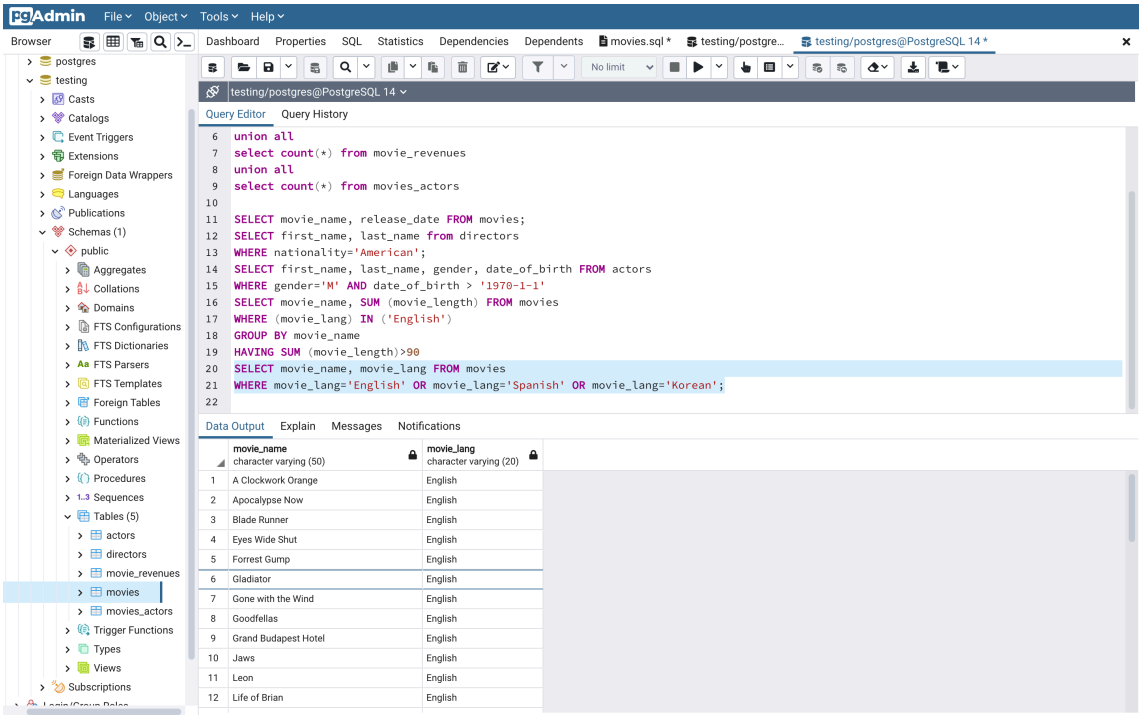

pgAdmin File Object Tools Help
Browser
Dashboard Properties SQL Statistics Dependencies Dependents movies.sql * testing/postgre... testing/postgres@PostgreSQL 14 *
Databases (2)
postgres
testing
Casts
Catalogs
Event Triggers
Extensions
Foreign Data Wrappers
Languages
Publications
Schemas (1)
public
Aggregates
Collations
Domains
FTS Configurations
FTS Dictionaries
FTS Parsers
FTS Templates
Foreign Tables
Functions
Materialized Views
Operators
Procedures
Sequences
Tables (5)
actors
directors
movie_revenues
movies
movies_actors
Trigger Functions
Types
Views
testing/postgres@PostgreSQL 14
Query Editor
Query History
select count(*) from directors
union all
select count(*) from actors
union all
select count(*) from movies
union all
select count(*) from movie_revenues
union all
select count(*) from movies_actors
SELECT movie_name, release_date FROM movies;
SELECT first_name, last_name from directors
WHERE nationality='American';
SELECT first_name, last_name, gender, date_of_birth FROM actors
WHERE gender='M' AND date_of_birth > '1970-1-1'
Data Output
Explain
Messages
Notifications
first_name character varying (30)
last_name character varying (30)
gender character (1)
date_of_birth date
1 Adrien Brody M 1973-04-14
2 Chen Chang M 1976-10-14
3 Paddy Considine M 1973-09-05
4 Darlan Cunha M 1988-07-26
5 Paul Dano M 1984-06-19
6 Leonardo DiCaprio M 1974-11-11
7 Hiroki Doi M 1999-08-10
8 Leandro Firmino M 1978-06-23
9 James Franco M 1978-04-19
10 Dillon Freasier M 1996-03-06
11 Tatsuya Fujiwara M 1982-05-15
12 Mason Gamble M 1986-01-16
Successfully run. Total query runtime: 62 msec. 31 rows affected.

4.

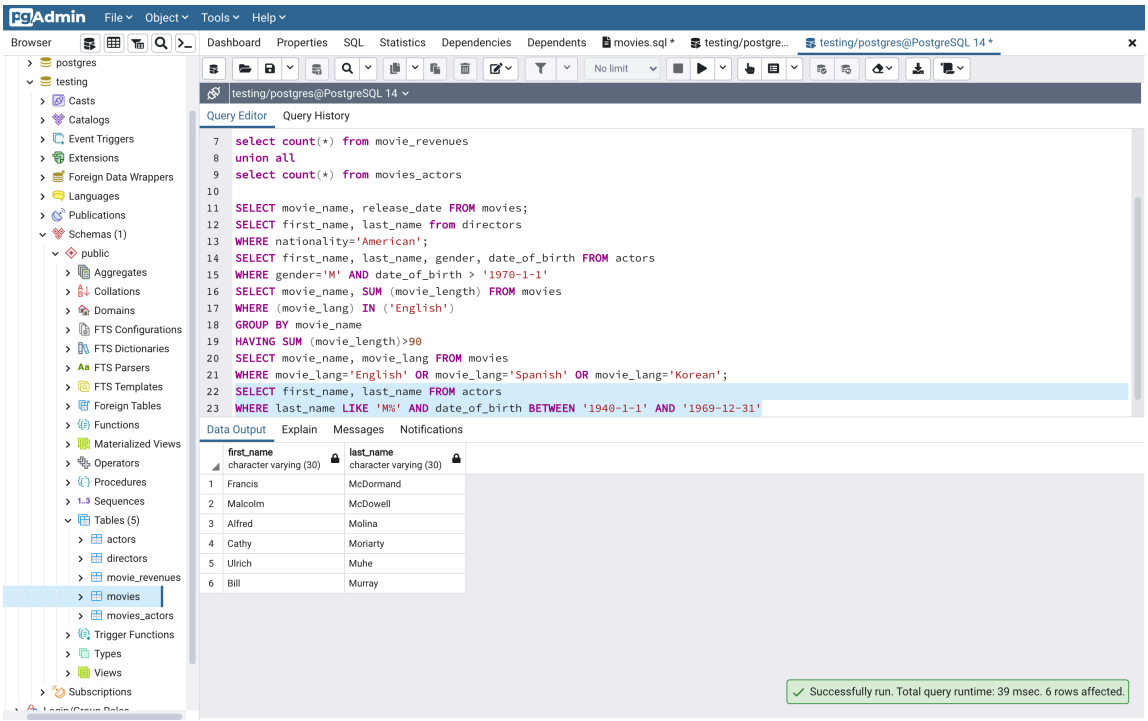


Part C. Run below 3 queries and show the result

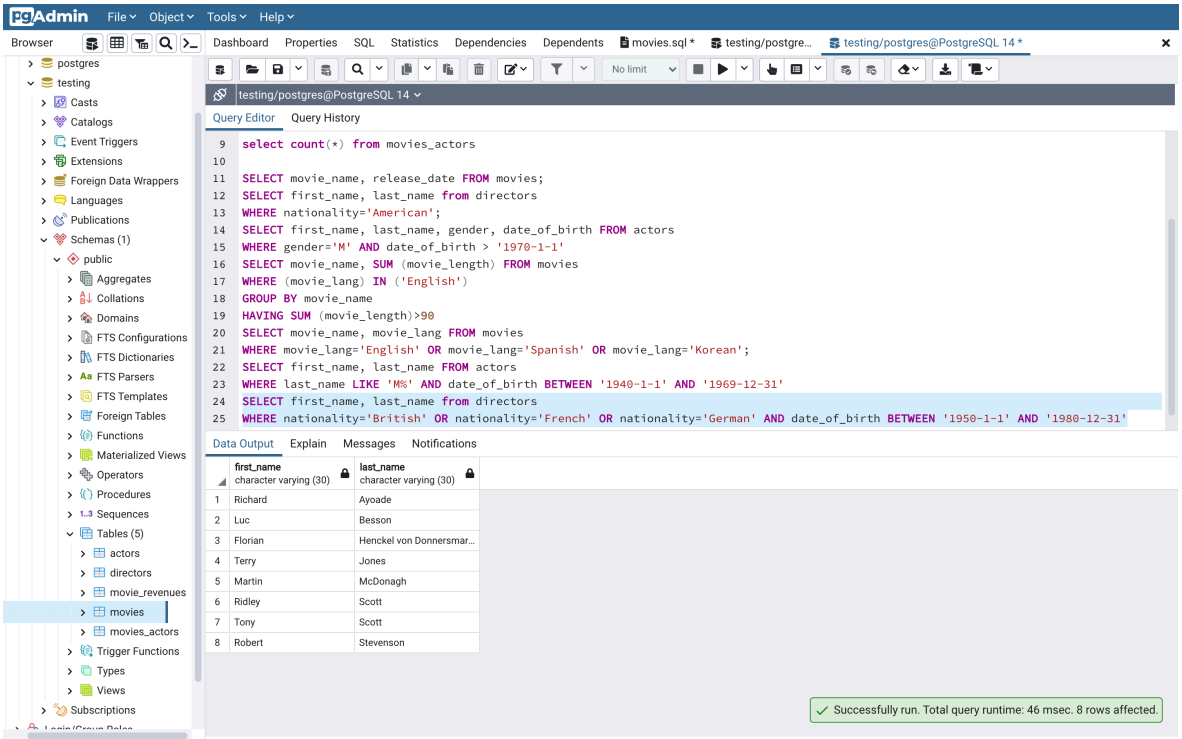
1.



2.


pgAdmin
File Object Tools Help
Browser
Dashboard Properties SQL Statistics Dependencies Dependents movies.sql * testing/postgre... testing/postgres@PostgreSQL 14 *
No limit
testing/postgres@PostgreSQL 14
Query Editor Query History
7 select count(*) from movie_revenues
8 union all
9 select count(*) from movies_actors
10
11 SELECT movie_name, release_date FROM movies;
12 SELECT first_name, last_name from directors
13 WHERE nationality='American';
14 SELECT first_name, last_name, gender, date_of_birth FROM actors
15 WHERE gender='M' AND date_of_birth > '1970-1-1'
16 SELECT movie_name, SUM (movie_length) FROM movies
17 WHERE (movie_lang) IN ('English')
18 GROUP BY movie_name
19 HAVING SUM (movie_length)>90
20 SELECT movie_name, movie_lang FROM movies
21 WHERE movie_lang='English' OR movie_lang='Spanish' OR movie_lang='Korean';
22 SELECT first_name, last_name FROM actors
23 WHERE last_name LIKE 'M%' AND date_of_birth BETWEEN '1940-1-1' AND '1969-12-31'
Data Output Explain Messages Notifications
first_name character varying (30)
last_name character varying (30)
1 Francis McDormand
2 Malcolm McDowell
3 Alfred Molina
4 Cathy Moriarty
5 Ulrich Muhe
6 Bill Murray
Successfully run. Total query runtime: 39 msec. 6 rows affected.
postgres
testing
Casts
Catalogs
Event Triggers
Extensions
Foreign Data Wrappers
Languages
Publications
Schemas (1)
public
Aggregates
Collations
Domains
FTS Configurations
FTS Dictionaries
FTS Parsers
FTS Templates
Foreign Tables
Functions
Materialized Views
Operators
Procedures
Sequences
Tables (5)
actors
directors
movie_revenues
movies
movies_actors
Trigger Functions
Types
Views
Subscriptions

3.


pgAdmin
File Object Tools Help
Browser
Dashboard Properties SQL Statistics Dependencies Dependents movies.sql * testing/postgre... testing/postgres@PostgreSQL 14 *
No limit
testing/postgres@PostgreSQL 14
Query Editor Query History
9 select count(*) from movies_actors
10
11 SELECT movie_name, release_date FROM movies;
12 SELECT first_name, last_name from directors
13 WHERE nationality='American';
14 SELECT first_name, last_name, gender, date_of_birth FROM actors
15 WHERE gender='M' AND date_of_birth > '1970-1-1'
16 SELECT movie_name, SUM (movie_length) FROM movies
17 WHERE (movie_lang) IN ('English')
18 GROUP BY movie_name
19 HAVING SUM (movie_length)>90
20 SELECT movie_name, movie_lang FROM movies
21 WHERE movie_lang='English' OR movie_lang='Spanish' OR movie_lang='Korean';
22 SELECT first_name, last_name FROM actors
23 WHERE last_name LIKE 'M%' AND date_of_birth BETWEEN '1940-1-1' AND '1969-12-31'
24 SELECT first_name, last_name from directors
25 WHERE nationality='British' OR nationality='French' OR nationality='German' AND date_of_birth BETWEEN '1950-1-1' AND '1980-12-31'
Data Output Explain Messages Notifications
first_name character varying (30)
last_name character varying (30)
1 Richard Ayoade
2 Luc Besson
3 Florian Henckel von Donnersmar...
4 Terry Jones
5 Martin McDonagh
6 Ridley Scott
7 Tony Scott
8 Robert Stevenson
Successfully run. Total query runtime: 46 msec. 8 rows affected.
postgres
testing
Casts
Catalogs
Event Triggers
Extensions
Foreign Data Wrappers
Languages
Publications
Schemas (1)
public
Aggregates
Collations
Domains
FTS Configurations
FTS Dictionaries
FTS Parsers
FTS Templates
Foreign Tables
Functions
Materialized Views
Operators
Procedures
Sequences
Tables (5)
actors
directors
movie_revenues
movies
movies_actors
Trigger Functions
Types
Views
Subscriptions