

LAB 5

The screenshot shows the pgAdmin 4 interface. At the top, it displays the workspace name "Workspaces Applications" and the date/time "Oct 23 2:49 PM". The title bar indicates the connection is to "public.Actor/PostgreSQL@local". The left sidebar, titled "Object Explorer", lists various database objects: Aggregates, Domains, FTS Configurations, FTS Dictionaries, FTS Parsers, FTS Templates, Foreign Tables, Functions, Materialized Views, Operators, Procedures, Sequences, and Tables (14). Under "Tables (14)", the "Actor" table is selected, showing 6 columns: id, first_name, surname, year_of_birth, id_BirthLocation, and eye_color. Below the table, there are sections for Constraints (2), Indexes, RLS Policies, Rules, Triggers, Award, BirthLocation, Category, Cinema, Department, Director, Genre, Movie, MovieActor, and MovieGenre. The main pane shows a "Query History" tab with the following SQL query:

```
1 SELECT * FROM public."Actor"
2 ORDER BY id ASC
```

Below the query, a data grid displays the following data:

	id	first_name	surname	year_of_birth	id_BirthLocation	eye_color
1	1	Tim	Robbins	1958	1	Blue
2	2	Christian	Bale	1974	2	Hazel
3	3	Heath	Ledger	1979	3	Brown
4	4	Morgan	Freeman	1937	4	Brown
5	5	Leonardo	DiCaprio	1974	5	Blue
6	6	Joseph	Gordon-Levitt	1981	5	Brown
7	7	Cillian	Murphy	1976	6	Blue
8	8	Matthew	McConaughey	1969	7	Green
9	9	Anna	Hathaway	1982	8	Brown

Total rows: 9 of 9 Query complete 00:00:00.404

File Object Tools Help

Object Explorer

Dashboard Properties SQL Statistics Dependencies Dependents Processes Lab5/postg... Lab5/postgres... public.Actor/L... public.Award/Lab3/postgres@local

pgAdmin 4

Oct 23 2:50 PM

Query History

```
1 SELECT * FROM public."Award"
2 ORDER BY id ASC
```

Messages Data Output Notifications

	id	award_name	id.Movie
1	1	National Board of Review Top Ten Films	1
2	2	Academy Award (Oscar)	2
3	3	Academy Award (Oscar)	3
4	4	Academy Award (Oscar)	4
5	5	MTV Movie Award	5

Total rows: 5 of 5 Query complete 00:00:00.152

The screenshot shows the pgAdmin 4 interface with the following details:

- Header:** Workspaces, Applications, Oct 22 2:50 PM, pgAdmin 4.
- Object Explorer:** Shows the schema structure:
 - Schemas: public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
 - FTS Dictionaries
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
 - Tables (14):
 - Actor
 - Award
 - BirthLocation
 - Category
 - Cinema
 - Department
 - Director
 - Genre
 - Movie
 - MovieActor
 - MovieGenre
 - ShowTime
 - Views
 - Functions
 - Triggers
 - Index
 - RLS Policies
 - Rules
 - Triggers
 - Category
 - Cinema
 - Department
 - Director
 - Genre
 - Movie
 - MovieActor
 - MovieGenre
 - ShowTime
- Query Editor:** Shows a query history with the following SQL code:

```
1 SELECT * FROM public."BirthLocation"
2 ORDER BY id ASC
```
- Data Output:** Shows the results of the query as a table:

	<input checked="" type="checkbox"/> ID [PK] serial	<input checked="" type="checkbox"/> country character varying	<input checked="" type="checkbox"/> city character varying	<input checked="" type="checkbox"/> state character varying
1	1	USA	West Covina	California
2	2	UK	Hovefordshire	Pembrokeeshire
3	3	Australia	Perth	Western Australia
4	4	USA	Memphis	Tennessee
5	5	USA	Los Angeles	California
6	6	Ireland	Douglas	County Cork
7	7	USA	Uvalde	Texas
8	8	USA	Brooklyn	New York
9	9	France	Meixelland	Doubs
10	10	USA	Denver	Colorado
11	11	USA	Knoxville	Tennessee
12	12	USA	Houston	Texas
13	13	Canada	Trois-Rivières	Québec
- Bottom Status Bar:** Total rows: 13 of 13 | Query complete 00:00:00.106 | Ln1, Col1

Workspaces Applications Oct 23 2:51 PM pgAdmin 4

File Object Tools Help

Object Explorer

- Schemas (1)
 - public
- Aggregates
- Collations
- Domains
- FTS Configurations
- FTS Dictionaries
- FTS Parasers
- FTS Templates
- Foreign Tables
- Functions
- Materialized Views
- Operators
- Procedures
- Sequences (1)
- Tables (14)
 - Actor
 - Award
 - BirthLocation
 - Category
 - Cinema
 - Department
 - Director
 - Genre
 - Movie
 - MovieActor
 - MovieGenre

Query Query History

```
1 SELECT * FROM public."Category"
2 ORDER BY id ASC
```

Messages Data Output Notifications

	Id	category_name	award_id_award
1	1	Best Film	1
2	2	Best Supporting Actor	2
3	3	Best Visual Effects	3
4	4	Best Visual Effects	4
5	5	Best Villain	5

Ln 1, Col 1

Servers > local > Databases > Lab5 > Schemas > public > Tables > Category |ry complete 00:00:00.162

Workspaces Applications Oct 23 2:53 PM pgAdmin 4

File Object Tools Help

Object Explorer

- Schemas (1)
 - public
- Aggregates
- Collations
- Domains
- FTS Configurations
- FTS Dictionaries
- FTS Parasers
- FTS Templates
- Foreign Tables
- Functions
- Materialized Views
- Operators
- Procedures
- Sequences (1)
- Tables (14)
 - Actor
 - Award
 - BirthLocation
 - Category
 - Cinema
 - Department
 - Director
 - Genre
 - Movie
 - MovieActor
 - MovieGenre
 - ShowTime

Query Query History

```
1 SELECT * FROM public."cinema"
2 ORDER BY id ASC
```

Messages Data Output Notifications

	id	cinema_name	location	type
1	1	Cineplex	Ajax	regular
2	2	IMAX	Scarborough	large
3	3	Silvercity	Pickering	small
4	4	Cineplex	Oshawa	Large
5	5	Cineplex	Bowmanville	Extralarge

Total rows: 5 of 5 | Query complete 00:00:00.128 | Ln 1, Col 1

Workspaces Applications Oct 23 2:53 PM pgAdmin 4

File Object Tools Help

Object Explorer

- Schemas (1)
 - public
- Aggregates
- Collations
- Domains
- FTS Configurations
- FTS Dictionaries
- FTS Parasers
- FTS Templates
- Foreign Tables
- Functions
- Materialized Views
- Operators
- Procedures
- Sequences (1)
- Tables (14)
 - Actor
 - Award
 - BirthLocation
 - Category
 - Cinema
 - Department
 - Director
 - Genre
 - Movie
 - MovieActor

Query Query History

```
1 SELECT * FROM public."Department"
2 ORDER BY id ASC
```

Messages Data Output Notifications

	id	id_University	name
1	1	1	Radio-TV-Film
2	2	2	Theatre Arts
3	3	3	Visual and Environmental Studies
4	4	4	School of Theater, Film and Television
5	5	5	Film Aesthetics

Successfully run. Total query runtime: 112 msec. 5 rows affected. | Total rows: 5 of 5 | Query complete 00:00:00.112 | Ln 1, Col 1

Workspaces Applications

File Object Tools Help

Object Explorer

```

    > Functions
    > Materialized Views
    > Operators
    > Procedures
    > Sequences
    > Tables (14)
        > Actor
        > Award
        > BirthLocation
        > Category
        > Cinema
        > Department
        > Director
            > Columns (2)
                > id
                > first_name
                > surname
                > year_of_birth
                > id_BirthLocation
                > id_Movie
                > id_University
            > Constraints (4)
                > Director_BirthLocation_fk
                > Director_Movie_fk
                > Director_University_fk
                > Director_pk
            > Indexes
            > RLS Policies
            > Rules
            > Triggers
        > Gene
        > Movie
        > MovieActor
        > MovieGenre
        > ShowTime
        > Ticket
        > University
    > Trigger Functions
    > Types

```

Dashboard Properties SQL Statistics Dependencies Dependents Processes

Query Query History

```

1 SELECT * FROM public."Director"
2 ORDER BY id ASC

```

Messages Data Output Notifications

	id [PK] smallint	first_name character varying	surname character varying	year_of_birth smallint	id_BirthLocation smallint	id_Movie smallint	id_University smallint
1	1	Frank	Darabont	1959	9	1	[null]
2	2	David	Fincher	1962	10	5	[null]
3	3	Quentin	Tarantino	1963	11	[null]	[null]
4	4	Wes	Anderson	1969	12	[null]	1
5	5	Denis	Villeneuve	1967	13	[null]	2

Total rows: 5 of 5 Query complete 00:00:00.109 ✓ Successfully run. Total query runtime: 109 msec. 5 rows affected. X Ln 1, Col 1

Workspaces Applications

File Object Tools Help

Object Explorer

```

    > Schemas (1)
        > public
            > Aggregates
            > Collations
            > Domains
            > FTS Configurations
            > FTS Dictionaries
            > FTS Parsers
            > FTS Templates
            > Foreign Tables
            > Functions
            > Materialized Views
            > Operators
            > Procedures
            > Sequences
            > Tables (14)
                > Actor
                > Award
                > BirthLocation
                > Category
                > Cinema
                > Department
                > Director
                    > Columns (2)
                        > id
                        > type
                    > Constraints (1)
                        > Genre_pk
                    > Indexes
                    > RLS Policies
                    > Rules
                    > Triggers
                > Movie
                > MovieActor
                > MovieGenre
                > ShowTime
                > Ticket
                > University

```

Dashboard Properties SQL Statistics Dependencies Dependents Processes

Query Query History

```

1 SELECT * FROM public."Genre"
2 ORDER BY id ASC

```

Messages Data Output Notifications

	id [PK] smallint	type character varying
1	1	Drama
2	2	Action
3	3	Crime
4	4	Thriller
5	5	Sci-Fi
6	6	Adventure
7	7	Mystery
8	8	Fantasy
9	9	Horror
10	10	Romance

Total rows: 10 of 10 Query complete 00:00:00.127 ✓ Successfully run. Total query runtime: 127 msec. 10 rows affected. X Ln 1, Col 1

Workspaces Applications

File Object Tools Help

Object Explorer

```

    > Foreign Tables
    > Functions
    > Materialized Views
    > Operators
    > Procedures
    > Sequences
    > Tables (14)
        > Actor
        > Award
        > BirthLocation
        > Category
        > Cinema
        > Department
        > Director
        > Gene
        > Movie
            > Columns (7)
                > id
                > title
                > run_time
                > release_date
                > rating
                > budget
                > gross
            > Constraints (1)
                > Movie_pk
            > Indexes
            > RLS Policies
            > Rules
            > Triggers
        > MovieActor
        > MovieGenre
        > ShowTime
        > Ticket
        > University
    > Trigger Functions
    > Types
    > Views
    > Subscriptions

```

Dashboard Properties SQL Statistics Dependencies Dependents Processes

Query Query History

```

1 SELECT * FROM public."Movie"
2 ORDER BY id ASC

```

Messages Data Output Notifications

	id [PK] smallint	title character varying	run_time time without time zone	release_date date	rating double precision	budget bigint	gross bigint
1	1	The Shawshank Redemption	02:22:00	1994-10-14	9.3	25000000	26884716
2	2	The Dark Knight	02:32:00	2008-07-18	9	185000000	103725758
3	3	Inception	02:28:00	2010-07-16	8.8	160000000	639000630
4	4	Interstellar	02:49:00	2014-11-07	8.7	165000000	703170837
5	5	Seven	02:07:00	1995-09-22	8.6	33000000	327333559

Total rows: 5 of 5 Query complete 00:00:00.108 ✓ Successfully run. Total query runtime: 108 msec. 5 rows affected. X Ln 1, Col 1

Oct 23 2:56 PM pgAdmin 4

File Object Tools Help Dashboard Properties SQL Statistics Dependencies Dependents Processes Lab5/postg... Lab5/postgres... public.Actor/L... public.Award/L... public.BirthLoc... public.Categor... Scratch Pad

Object Explorer

- Tables (14)
 - Actor
 - Award
 - Birth.Location
 - Category
 - Cinema
 - Department
 - Director
 - Genre
 - Movie
 - MovieActor
 - MovieGenre
 - ShowTime
 - Ticket
 - University
 - Trigger Functions
 - Types
 - Views
 - Subscriptions
 - movie_reviews
 - postgres
 - test
 - Login/Group Roles
 - Tablespaces

public.MovieActor/Lab5/postgres@local No limit

Query Query History

```
1 SELECT * FROM public."MovieActor"
2 ORDER BY id ASC
```

Messages Data Output Notifications

	id [PK] smallint	id_Movie smallint	id_Actor smallint
1	1	1	1
2	2	1	4
3	3	2	2
4	4	2	3
5	5	2	7
6	6	3	5
7	7	3	6
8	8	3	7
9	9	4	8
10	10	4	9
11	11	5	4

Total rows: 11 of 11 Query complete 00:00:00.119 Ln 1, Col 1

Oct 23 2:56 PM pgAdmin 4

File Object Tools Help Dashboard Properties SQL Statistics Dependencies Dependents Processes Lab5/postg... Lab5/postgres... public.Actor/L... public.Award/L... public.BirthLoc... public.Categor... Scratch Pad

Object Explorer

- Tables (14)
 - Actor
 - Award
 - Birth.Location
 - Category
 - Cinema
 - Department
 - Director
 - Genre
 - Movie
 - MovieActor
 - MovieGenre
 - ShowTime
 - Ticket
 - University
 - Trigger Functions
 - Types
 - Views
 - Subscriptions
 - movie_reviews
 - postgres
 - test
 - Login/Group Roles
 - Tablespaces

public.MovieGenre/Lab5/postgres@local No limit

Query Query History

```
1 SELECT * FROM public."MovieGenre"
2 ORDER BY id ASC
```

Messages Data Output Notifications

	id [PK] smallint	id_Movie smallint	id_Genre smallint
1	1	1	1
2	2	2	2
3	3	2	3
4	4	2	4
5	5	3	2
6	6	3	5
7	7	3	6
8	8	4	1
9	9	4	5
10	10	5	3
11	11	5	4
12	12	5	7

Total rows: 12 of 12 Query complete 00:00:00.118 Ln 1, Col 1

Oct 23 2:57 PM pgAdmin 4

File Object Tools Help Dashboard Properties SQL Statistics Dependencies Dependents Processes Lab5/postg... Lab5/postgres... public.Actor/L... public.Award/L... public.BirthLoc... public.Categor... Scratch Pad

Object Explorer

- Tables (14)
 - Actor
 - Award
 - Birth.Location
 - Category
 - Cinema
 - Department
 - Director
 - Genre
 - Movie
 - MovieActor
 - MovieGenre
 - ShowTime
 - Ticket
 - University
 - Trigger Functions
 - Types
 - Views
 - Subscriptions
 - movie_reviews
 - postgres
 - test
 - Login/Group Roles
 - Tablespaces

public.ShowTime/Lab5/postgres@local No limit

Query Query History

```
1 SELECT * FROM public."ShowTime"
2 ORDER BY id ASC
```

Messages Data Output Notifications

	id [PK] smallint	show_name character varying	show_time time without time zone	show_duration time without time zone	id_Cinema_Ticket smallint	id_Movie smallint
1	1	The Shawshank Redemption	09:00:00	02:22:00	2	1
2	2	The Dark Knight	11:00:00	02:32:00	1	2
3	3	Inception	11:30:00	02:28:00	3	3
4	4	Interstellar	03:00:00	02:49:00	5	4
5	5	Se7en	05:00:00	02:07:00	4	5

Total rows: 5 of 5 Query complete 00:00:00.107 Ln 1, Col 1

Workspaces Applications Oct 23 2:58 PM pAdmin

File Object Tools Help

Object Explorer

- Materialized Views
- Operators
- Procedures
- Sequences
- Tables (14)
 - Actor
 - Award
 - BirthLocation
 - Category
 - Cinema
 - Department
 - Director
 - Genre
 - Movie
 - MovieActor
 - MovieGenre
 - ShowTime
 - Ticket
- Views
- Subscriptions
- movie_reviews
- postgres
- test
- Login/Group Roles
- Tablespaces

Dashboard Properties SQL Statistics Dependencies Dependents Processes

Query Query History

```
1 SELECT * FROM public."Ticket"
2 ORDER BY id ASC
```

Messages Data Output Notifications

	id [PK] smallint	price double precision	id_Cinema smallint
1	1	8	1
2	2	16	2
3	3	6	3
4	4	16	4
5	5	18	5

Total rows: 5 of 5 Query complete 00:00:00.126 Ln 1, Col 1

Workspaces Applications Oct 23 2:59 PM pAdmin

File Object Tools Help

Object Explorer

- Materialized Views
- Operators
- Procedures
- Sequences
- Tables (14)
 - Actor
 - Award
 - BirthLocation
 - Category
 - Cinema
 - Department
 - Director
 - Genre
 - Movie
 - MovieActor
 - MovieGenre
 - ShowTime
 - Ticket
 - University
- Views
- Subscriptions
- movie_reviews
- postgres
- test
- Login/Group Roles
- Tablespaces

Dashboard Properties SQL Statistics Dependencies Dependents Processes

Query Query History

```
1 SELECT * FROM public."University"
2 ORDER BY id ASC
```

Messages Data Output Notifications

	id [PK] smallint	uniName character varying	is_private boolean	color character varying
1	1	University of Texas at Austin	false	Burnt Orange
2	2	Université du Québec à Montréal	false	Red
3	3	Harvard University	true	Crimson
4	4	University of California, Los Angeles	false	Blue and Gold
5	5	University of Oxford	false	Navy Blue

Total rows: 5 of 5 Query complete 00:00:00.110 Ln 1, Col 1

Workspaces Applications Oct 23 3:03 PM pAdmin

File Object Tools Help

Object Explorer

- Servers (1)
 - local
 - Databases (6)
 - Lab01
 - Lab334
 - Lab5
 - 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 (14)
 - Actor
 - Award
 - BirthLocation
 - Category
 - Cinema
 - Department
 - Director
 - Genre
 - Movie
 - MovieActor

Dashboard Properties SQL Statistics Dependencies Dependents Processes

Query Query History

```
--MOVIES
2 INSERT INTO public."Movie" (title, run_time, release_date, rating, budget, gross)
3 VALUES
4 ('The Shawshank Redemption', '02:22:00', '1994-10-14', 9.3, 25000000, 28884716), --1
5 ('The Dark Knight', '02:32:00', '2008-07-18', 9.0, 185000000, 1007257536), --2
6 ('Inception', '02:28:00', '2010-07-16', 8.8, 160000000, 839036539), --3
7 ('Interstellar', '02:49:00', '2014-11-07', 8.7, 165000000, 703170637), --4
8 ('Seven', '02:07:00', '1995-09-22', 8.6, 33000000, 327335591); --5
9
10 -- ACTORS BIRTH LOCATIONS
11 INSERT INTO public."BirthLocation" (city, state, country)
12 VALUES
13 ('West Covina', 'California', 'USA'), --1
14 ('Haverfordwest', 'Pembrokeshire', 'UK'), --2
15 ('Perth', 'Western Australia', 'Australia'), --3
16 ('Memphis', 'Tennessee', 'USA'), --4
17 ('Los Angeles', 'California', 'USA'), --5
18 ('Dublin', 'Ireland', 'Ireland'), --6
19 ('Dallas', 'Texas', 'USA'), --7
20 ('Brooklyn', 'New York', 'USA'), --8
21 ('Montbéliard', 'Doubts', 'France'), --9
22 ('Denver', 'Colorado', 'USA'), --10
23 ('Knoxville', 'Tennessee', 'USA'), --11
24 ('Houston', 'Texas', 'USA'), --12
25 ('Trois-Rivières', 'Quebec', 'Canada'); --13
26
27 --ACTORS
28 INSERT INTO public."Actor" (first_name, surname, year_of_birth, "id_BirthLocation", eye_color)
29 VALUES
30 ('Tim', 'Robbins', 1958, 1, 'Blue'), --1
31 ('Christian', 'Bale', 1974, 2, 'Hazel'), --2
32 ('Heath', 'Ledger', 1979, 3, 'Brown'), --3
33 ('Morgan', 'Freeman', 1937, 4, 'Brown'), --4
34 ('Leonardo', 'DiCaprio', 1974, 5, 'Blue'), --5
35 ('Joseph', 'Gordon-Levitt', 1981, 5, 'Brown'), --6
36 ('Cillian', 'Murphy', 1976, 6, 'Blue'), --7
37 ('Matthew', 'McConaughey', 1969, 7, 'Green'), --8
38 ('Anne', 'Hathaway', 1982, 8, 'Brown'); --9
39
40 --UNIVERSITIES
41
```

Total rows: 0 of 0 Query complete 00:00:00.061 Ln 141, Col 1

Oct 23 3:03 PM pgAdmin 79%

File object Tools Help

Object Explorer Servers (1) Local Databases (6) Lab01 Lab03&4 Lab5 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 (14) Actor Award BirthLocation Category Cinema Department Director Genie Movie MovieActor

Dashboard Properties SQL Statistics Dependencies Dependents Processes >_ Lab5/postgres@local Lab5/postgres@local

Query Query History

```
--UNIVERSITIES
INSERT INTO public."University" ("uni_name", is_private, color)
VALUES
('University of Texas at Austin', FALSE, 'Burnt Orange'), --1
('Université du Québec à Montréal', FALSE, 'Red'), --2
('Harvard University', TRUE, 'Crimson'), --3
('University of California, Los Angeles', FALSE, 'Blue and Gold'), --4
('University of Oxford', FALSE, 'Navy Blue'); --5

--DIRECTORS
INSERT INTO public."Director" ("first_name", surname, year_of_birth, "id_BirthLocation", "id_Movie", "id_University")
VALUES
('Frank', 'Darabont', 1959, 9, 1, NULL); --1
('David', 'Fincher', 1962, 10, 5, NULL); --2
('Quentin', 'Tarantino', 1963, 11, NULL, NULL); --3
('Wes', 'Anderson', 1969, 12, NULL, 1); --4
('Denis', 'Villeneuve', 1967, 13, NULL, 2); --4

--DEPARTMENTS FOR EACH UNIVERSITY
INSERT INTO public."Department" ("id_University", name)
VALUES
(1, 'Radio-Television-Film'), --1
(2, 'Theatre Arts'), --2
(3, 'Visual and Environmental Studies'), --3
(4, 'School of Theater, Film and Television'), --4
(5, 'Film Aesthetics'); --5

--MOVIE ACTORS
INSERT INTO public."MovieActor" ("id_Movie", "id_Actor")
VALUES
(1, 1), -- The Shawshank Redemption, Tim Robbins
(1, 4), -- The Shawshank Redemption, Morgan Freeman
(2, 2), -- The Dark Knight, Christian Bale
(2, 3), -- The Dark Knight, Heath Ledger
(2, 7), -- The Dark Knight, Cillian Murphy
(3, 5), -- Inception, Leonardo DiCaprio
(3, 6), -- Inception, Joseph Gordon-Levitt
(3, 7), -- Inception, Cillian Murphy
(4, 8), -- Interstellar, Matthew McConaughey
(4, 9), -- Interstellar, Anne Hathaway
(5, 4); -- Se7en, Morgan Freeman

--GENRES
INSERT INTO public."Genre" (type)
VALUES
('Drama'), --1
('Action'), --2
('Crime'), --3
('Thriller'), --4
('Sci-Fi'), --5
('Adventure'), --6
('Mystery'), --7
('Fantasy'), --8
('Horror'), --9
('Romance'); --10

--MOVIE GENRES
INSERT INTO public."MovieGenre" ("id_Movie", "id_Genre")
VALUES
(1, 1), -- The Shawshank Redemption, Drama
(2, 2), -- The Dark Knight, Action
(2, 3), -- The Dark Knight, Crime
(2, 4), -- The Dark Knight, Thriller
(3, 1), -- Inception, Adventure
(3, 2), -- Inception, Action
(3, 3), -- Inception, Crime
(3, 4), -- Inception, Thriller
(3, 5), -- Inception, Sci-Fi

Total rows: 0 of 0 Query complete 00:00:00.061 Ln 141, Col 1
```

Oct 23 3:04 PM pgAdmin 79%

File object Tools Help

Object Explorer Servers (1) Local Databases (6) Lab01 Lab03&4 Lab5 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 (14) Actor Award BirthLocation Category Cinema Department Director Genie Movie MovieActor

Dashboard Properties SQL Statistics Dependencies Dependents Processes >_ Lab5/postgres@local Lab5/postgres@local

Query Query History

```
--MOVIE ACTORS
INSERT INTO public."MovieActor" ("id_Movie", "id_Actor")
VALUES
(1, 1), -- The Shawshank Redemption, Tim Robbins
(1, 4), -- The Shawshank Redemption, Morgan Freeman
(2, 2), -- The Dark Knight, Christian Bale
(2, 3), -- The Dark Knight, Heath Ledger
(2, 7), -- The Dark Knight, Cillian Murphy
(3, 5), -- Inception, Leonardo DiCaprio
(3, 6), -- Inception, Joseph Gordon-Levitt
(3, 7), -- Inception, Cillian Murphy
(4, 8), -- Interstellar, Matthew McConaughey
(4, 9), -- Interstellar, Anne Hathaway
(5, 4); -- Se7en, Morgan Freeman

--GENRES
INSERT INTO public."Genre" (type)
VALUES
('Drama'), --1
('Action'), --2
('Crime'), --3
('Thriller'), --4
('Sci-Fi'), --5
('Adventure'), --6
('Mystery'), --7
('Fantasy'), --8
('Horror'), --9
('Romance'); --10

--MOVIE GENRES
INSERT INTO public."MovieGenre" ("id_Movie", "id_Genre")
VALUES
(1, 1), -- The Shawshank Redemption, Drama
(2, 2), -- The Dark Knight, Action
(2, 3), -- The Dark Knight, Crime
(2, 4), -- The Dark Knight, Thriller
(3, 1), -- Inception, Adventure
(3, 2), -- Inception, Action
(3, 3), -- Inception, Crime
(3, 4), -- Inception, Thriller
(3, 5), -- Inception, Sci-Fi

Total rows: 0 of 0 Query complete 00:00:00.061 Ln 141, Col 1
```

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File object Tools Help

Object Explorer Servers (1) Local Databases (6) Lab01 Lab03&4 Lab5 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 (14) Actor Award BirthLocation Category Cinema Department Director Genie Movie MovieActor

Dashboard Properties SQL Statistics Dependencies Dependents Processes >_ Lab5/postgres@local Lab5/postgres@local

Query Query History

```
--MOVIE GENRES
INSERT INTO public."MovieGenre" ("id_Movie", "id_Genre")
VALUES
(1, 1), -- The Shawshank Redemption, Drama
(2, 2), -- The Dark Knight, Action
(2, 3), -- The Dark Knight, Crime
(2, 4), -- The Dark Knight, Thriller
(3, 1), -- Inception, Adventure
(3, 2), -- Inception, Action
(3, 3), -- Inception, Crime
(3, 4), -- Inception, Thriller
(3, 5); -- Inception, Mystery

--INSERT INTO public."Cinema"(cinema_name, location, type)
VALUES
('Cineplex', 'Ajax', 'regular'), --1
('IMAX', 'Scarborough', 'large'), --2
('Silvercity', 'Pickering', 'small'), --3
('Cineplex', 'Oshawa', 'large'), --4
(21, 'Cineplex', 'Brampton', 'Extralarge'); --5

--INSERT INTO public."Ticket" (price, "id_Cinema")
VALUES
(8.00, 1), --1
(16.00, 2), --2
(6.00, 3), --3
(16.00, 4), --4
(10.00, 5); --5

--INSERT INTO public."ShowTime" (show_name, show_time, show_duration, "id_Cinema_Ticket", "id_Movie")
VALUES
('The Shawshank Redemption', '09:00:00', '02:22:00', 2, 1),
('The Dark Knight', '11:00:00', '02:32:00', 1, 2),
('Inception', '11:30:00', '02:28:00', 3, 3),

Total rows: 0 of 0 Query complete 00:00:00.061 Ln 141, Col 1
```

Workspaces Applications Oct 23 3:04 PM pgAdmin 4

Object Explorer Dashboard Properties SQL Statistics Dependencies Dependents Processes Lab5/postg... Lab5/postgres@local*

```

Object Explorer          Lab5/postgres@local
  Servers (1)
    local
      Databases (6)
        Lab01
        Lab04
        Lab5
        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 (14)
          Actor
          Award
          BirthLocation
          Category
          Cinema
          Department
          Director
          Genre
          Movie
          MovieActor

```

Query Query History

```

118   -- Cineplex
119     ('IMAX', 'Scarborough', 'large'), --2
120     ('Silvercity', 'Pickering', 'small'), --3
121     ('Cineplex', 'Oshawa', 'Large'), --4
122     ('Cineplex', 'Bowmanville', 'Extralarge'); --5
123
124   INSERT INTO public."Ticket" (price, "id_Cinema")
125   VALUES
126     (8.00, 1), --1
127     (16.00, 2), --2
128     ( 6.00, 3), --3
129     (16.00, 4), --4
130     (18.00, 5); --5
131
132   INSERT INTO public."ShowTime" (show_name, show_time, show_duration, "id_Cinema_Ticket", "id_Movie")
133   VALUES
134     ('The Shawshank Redemption', '09:00:00', '02:22:00', 2, 1),
135     ('The Dark Knight', '11:00:00', '02:32:00', 1, 2),
136     ('Inception', '11:30:00', '02:28:00', 3, 3),
137     ('Interstellar', '03:00:00', '02:49:00', 5, 4),
138     ('Se7en', '05:00:00', '02:07:00', 4, 5);
139
140   |
141   INSERT INTO public."Award" (award_name, "id_Movie")
142   VALUES
143     ('National Board of Review: Top Ten Films', 1), -- The Shawshank Redemption
144     ('Academy Award (Oscar)', 2), -- The Dark Knight (for Heath Ledger)
145     ('Academy Award (Oscar)', 3), -- Inception
146     ('Academy Award (Oscar)', 4), -- Interstellar
147     ('MTV Movie Award', 5); -- Se7en
148
149
150   INSERT INTO public."Category" (category_name, "award_id_Award")
151   VALUES
152     ('Best Film', 1),
153     ('Best Supporting Actor', 2),
154     ('Best Visual Effects', 3),
155     ('Best Visual Effects', 4),
156     ('Best Villain', 5);
157

```

Total rows: 0 of 0 Query complete 00:00:00.061 Ln 141, Col 1