



Programación de base de datos

Avance 2.

Estudiante:

Carlos Andrés Cruz Calvo

Luis Fernando Solano Montoya

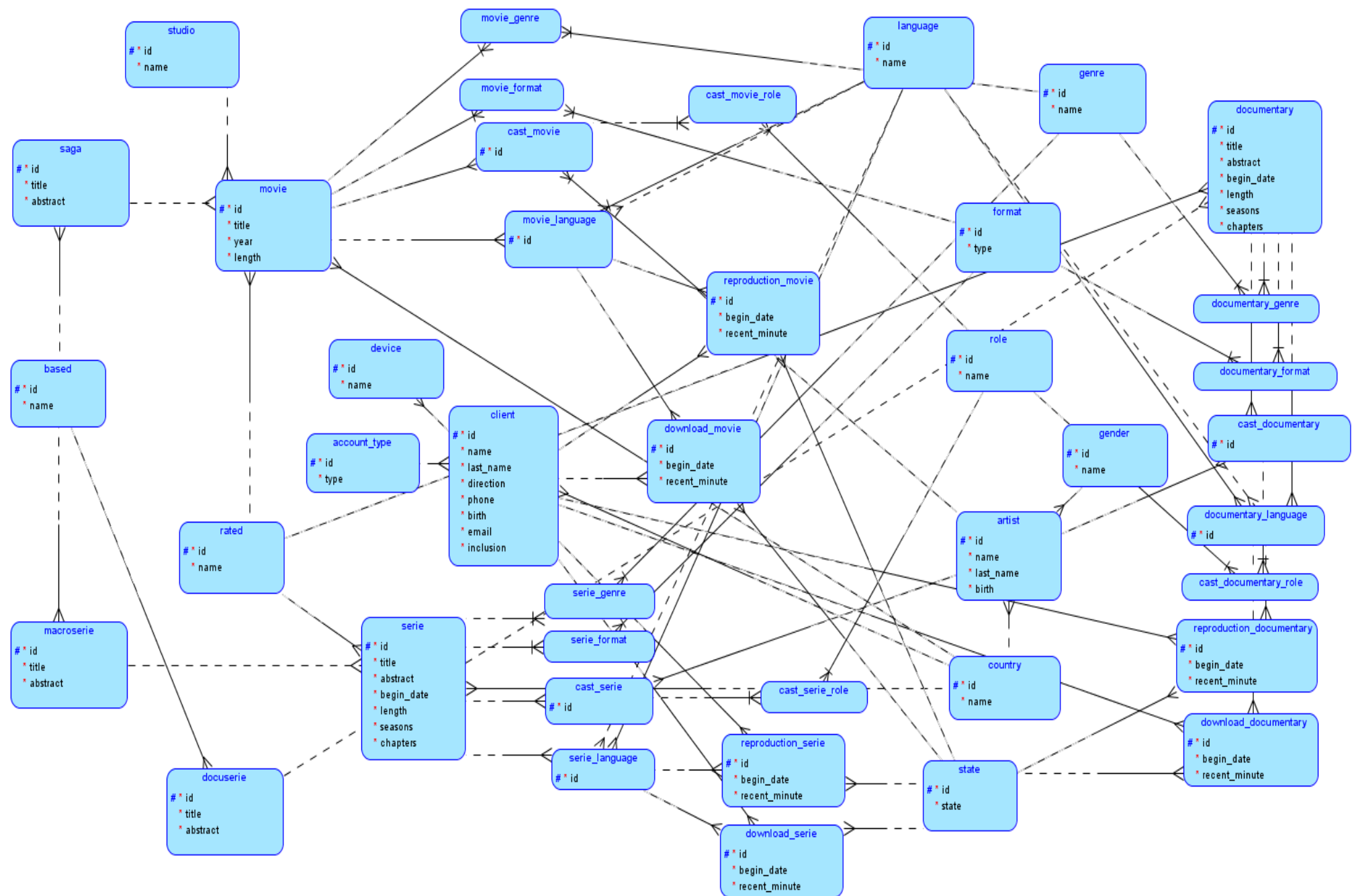
Profesor:

Ing. Luis Alberto Monge Fuentes

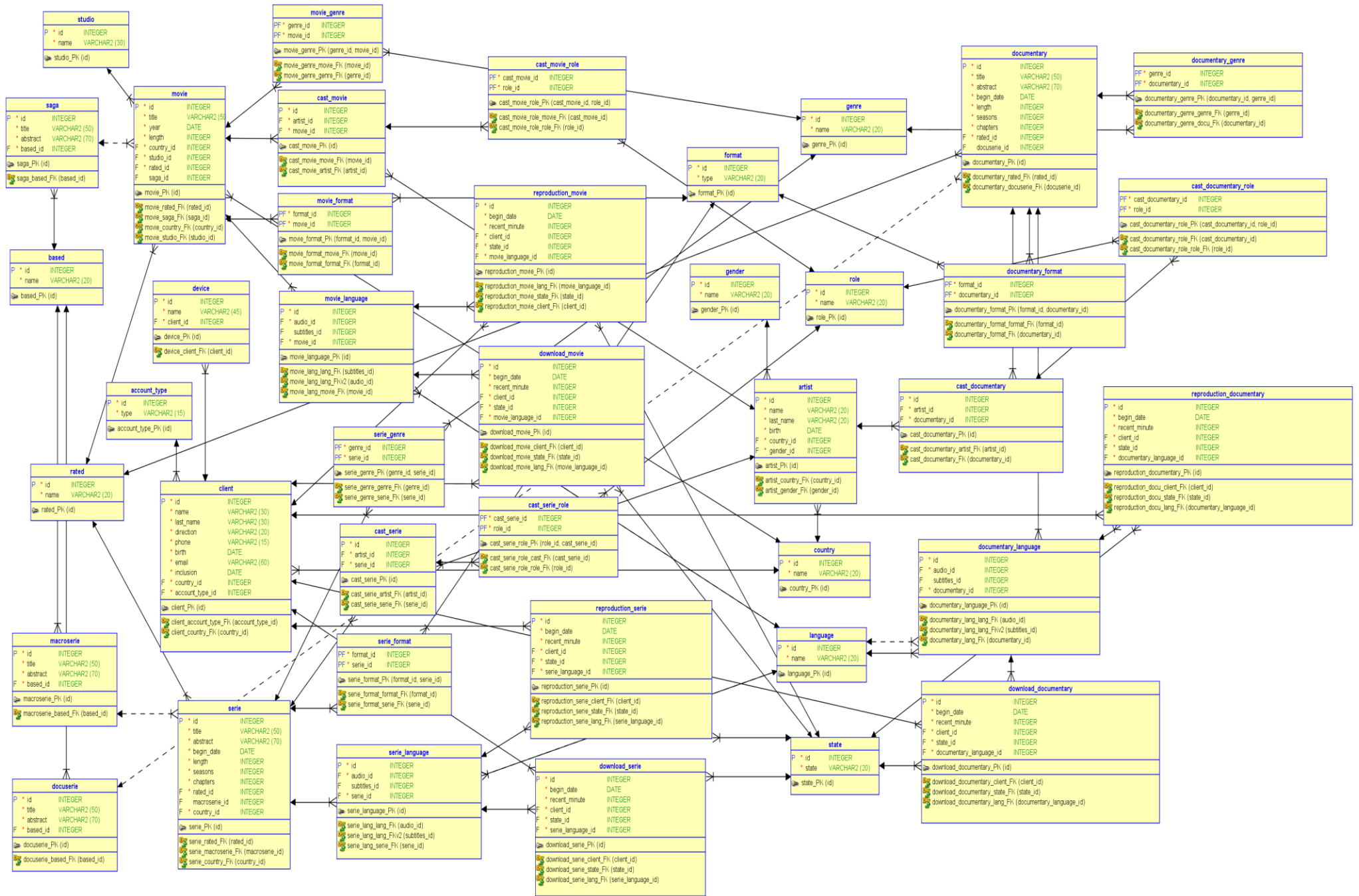
Universidad Cenfotec

II Cuatrimestre – 2023

Diseño de base de datos: Modelo lógico



Modelo entidad-relación



Script de la base de datos

```
-- Generated by Oracle SQL Developer Data Modeler 20.2.0.167.1538
--   at:      2023-07-04 18:00:03 CST
--   site:    Oracle Database 11g
--   type:    Oracle Database 11g

-- predefined type, no DDL - MDSYS.SDO_GEOMETRY

-- predefined type, no DDL - XMLTYPE

CREATE TABLE account_type (
  id      INTEGER NOT NULL,
  type    VARCHAR2(15) NOT NULL
);

ALTER TABLE account_type ADD CONSTRAINT account_type_pk PRIMARY KEY ( id );

CREATE TABLE artist (
  id          INTEGER NOT NULL,
  name        VARCHAR2(20) NOT NULL,
  last_name   VARCHAR2(20) NOT NULL,
  birth       DATE NOT NULL,
  country_id  INTEGER NOT NULL,
  gender_id   INTEGER NOT NULL
);

ALTER TABLE artist ADD CONSTRAINT artist_pk PRIMARY KEY ( id );

CREATE TABLE based (
  id      INTEGER NOT NULL,
  name    VARCHAR2(20) NOT NULL
);
```

```
ALTER TABLE based ADD CONSTRAINT based_pk PRIMARY KEY ( id );
```

```
CREATE TABLE cast_documentary (  
    id            INTEGER NOT NULL,  
    artist_id     INTEGER NOT NULL,  
    documentary_id INTEGER NOT NULL  
);
```

```
ALTER TABLE cast_documentary ADD CONSTRAINT cast_documentary_pk PRIMARY KEY ( id );
```

```
CREATE TABLE cast_documentary_role (  
    cast_documentary_id INTEGER NOT NULL,  
    role_id             INTEGER NOT NULL  
);
```

```
ALTER TABLE cast_documentary_role ADD CONSTRAINT cast_documentary_role_pk PRIMARY KEY ( cast_documentary_id,  
                                                                                       role_id );
```

```
CREATE TABLE cast_movie (  
    id            INTEGER NOT NULL,  
    artist_id     INTEGER NOT NULL,  
    movie_id      INTEGER NOT NULL  
);
```

```
ALTER TABLE cast_movie ADD CONSTRAINT cast_movie_pk PRIMARY KEY ( id );
```

```
CREATE TABLE cast_movie_role (  
    cast_movie_id INTEGER NOT NULL,  
    role_id       INTEGER NOT NULL  
);
```

```
ALTER TABLE cast_movie_role ADD CONSTRAINT cast_movie_role_pk PRIMARY KEY ( cast_movie_id,  
                                                                                   role_id );
```

```
CREATE TABLE cast_serie (  
    id            INTEGER NOT NULL,  
    artist_id     INTEGER NOT NULL,
```

```

    serie_id    INTEGER NOT NULL
);

ALTER TABLE cast_serie ADD CONSTRAINT cast_serie_pk PRIMARY KEY ( id );

CREATE TABLE cast_serie_role (
    cast_serie_id INTEGER NOT NULL,
    role_id        INTEGER NOT NULL
);

ALTER TABLE cast_serie_role ADD CONSTRAINT cast_serie_role_pk PRIMARY KEY ( role_id,
                                                                    cast_serie_id );

CREATE TABLE client (
    id            INTEGER NOT NULL,
    name          VARCHAR2(30) NOT NULL,
    last_name     VARCHAR2(30) NOT NULL,
    direction     VARCHAR2(20) NOT NULL,
    phone         VARCHAR2(15) NOT NULL,
    birth         DATE NOT NULL,
    email         VARCHAR2(60) NOT NULL,
    inclusion     DATE NOT NULL,
    country_id    INTEGER NOT NULL,
    account_type_id INTEGER NOT NULL
);

ALTER TABLE client ADD CONSTRAINT client_pk PRIMARY KEY ( id );

CREATE TABLE country (
    id    INTEGER NOT NULL,
    name  VARCHAR2(20) NOT NULL
);

ALTER TABLE country ADD CONSTRAINT country_pk PRIMARY KEY ( id );

CREATE TABLE device (
    id            INTEGER NOT NULL,

```

```

    name          VARCHAR2(45) NOT NULL,
    client_id     INTEGER NOT NULL
);

ALTER TABLE device ADD CONSTRAINT device_pk PRIMARY KEY ( id );

CREATE TABLE documentary (
    id            INTEGER NOT NULL,
    title         VARCHAR2(50) NOT NULL,
    abstract      VARCHAR2(70) NOT NULL,
    begin_date    DATE NOT NULL,
    length        INTEGER NOT NULL,
    seasons       INTEGER NOT NULL,
    chapters      INTEGER NOT NULL,
    rated_id      INTEGER NOT NULL,
    docuserie_id  INTEGER
);

ALTER TABLE documentary ADD CONSTRAINT documentary_pk PRIMARY KEY ( id );

CREATE TABLE documentary_format (
    format_id     INTEGER NOT NULL,
    documentary_id INTEGER NOT NULL
);

ALTER TABLE documentary_format ADD CONSTRAINT documentary_format_pk PRIMARY KEY ( format_id,
                                                    documentary_id );

CREATE TABLE documentary_genre (
    genre_id      INTEGER NOT NULL,
    documentary_id INTEGER NOT NULL
);

ALTER TABLE documentary_genre ADD CONSTRAINT documentary_genre_pk PRIMARY KEY ( documentary_id,
                                                    genre_id );

CREATE TABLE documentary_language (

```

```
id            INTEGER NOT NULL,
audio_id      INTEGER NOT NULL,
subtitles_id  INTEGER,
documentary_id INTEGER NOT NULL
);

ALTER TABLE documentary_language ADD CONSTRAINT documentary_language_pk PRIMARY KEY ( id );

CREATE TABLE docuserie (
id            INTEGER NOT NULL,
title        VARCHAR2(50) NOT NULL,
abstract     VARCHAR2(70) NOT NULL,
based_id     INTEGER NOT NULL
);

ALTER TABLE docuserie ADD CONSTRAINT docuserie_pk PRIMARY KEY ( id );

CREATE TABLE download_documentary (
id            INTEGER NOT NULL,
begin_date   DATE NOT NULL,
recent_minute INTEGER NOT NULL,
client_id    INTEGER NOT NULL,
state_id     INTEGER NOT NULL,
documentary_language_id INTEGER NOT NULL
);

ALTER TABLE download_documentary ADD CONSTRAINT download_documentary_pk PRIMARY KEY ( id );

CREATE TABLE download_movie (
id            INTEGER NOT NULL,
begin_date   DATE NOT NULL,
recent_minute INTEGER NOT NULL,
client_id    INTEGER NOT NULL,
state_id     INTEGER NOT NULL,
movie_language_id INTEGER NOT NULL
);
```



```
ALTER TABLE download_movie ADD CONSTRAINT download_movie_pk PRIMARY KEY ( id );
```

```
CREATE TABLE download_serie (  
    id                INTEGER NOT NULL,  
    begin_date        DATE NOT NULL,  
    recent_minute     INTEGER NOT NULL,  
    client_id         INTEGER NOT NULL,  
    state_id          INTEGER NOT NULL,  
    serie_language_id INTEGER NOT NULL  
);
```

```
ALTER TABLE download_serie ADD CONSTRAINT download_serie_pk PRIMARY KEY ( id );
```

```
CREATE TABLE format (  
    id    INTEGER NOT NULL,  
    type  VARCHAR2(20) NOT NULL  
);
```

```
ALTER TABLE format ADD CONSTRAINT format_pk PRIMARY KEY ( id );
```

```
CREATE TABLE gender (  
    id    INTEGER NOT NULL,  
    name  VARCHAR2(20) NOT NULL  
);
```

```
ALTER TABLE gender ADD CONSTRAINT gender_pk PRIMARY KEY ( id );
```

```
CREATE TABLE genre (  
    id    INTEGER NOT NULL,  
    name  VARCHAR2(20) NOT NULL  
);
```

```
ALTER TABLE genre ADD CONSTRAINT genre_pk PRIMARY KEY ( id );
```

```
CREATE TABLE language (  
    id    INTEGER NOT NULL,  
    name  VARCHAR2(20) NOT NULL
```

```
);

ALTER TABLE language ADD CONSTRAINT language_pk PRIMARY KEY ( id );

CREATE TABLE macroserie (
    id            INTEGER NOT NULL,
    title         VARCHAR2(50) NOT NULL,
    abstract      VARCHAR2(70) NOT NULL,
    based_id      INTEGER NOT NULL
);

ALTER TABLE macroserie ADD CONSTRAINT macroserie_pk PRIMARY KEY ( id );

CREATE TABLE movie (
    id            INTEGER NOT NULL,
    title         VARCHAR2(50) NOT NULL,
    year          DATE NOT NULL,
    length        INTEGER NOT NULL,
    country_id    INTEGER NOT NULL,
    studio_id     INTEGER NOT NULL,
    rated_id      INTEGER NOT NULL,
    saga_id       INTEGER
);

ALTER TABLE movie ADD CONSTRAINT movie_pk PRIMARY KEY ( id );

CREATE TABLE movie_format (
    format_id     INTEGER NOT NULL,
    movie_id      INTEGER NOT NULL
);

ALTER TABLE movie_format ADD CONSTRAINT movie_format_pk PRIMARY KEY ( format_id,
                                                                    movie_id );

CREATE TABLE movie_genre (
    genre_id      INTEGER NOT NULL,
    movie_id      INTEGER NOT NULL
```

```
);

ALTER TABLE movie_genre ADD CONSTRAINT movie_genre_pk PRIMARY KEY ( genre_id,
                                                                    movie_id );

CREATE TABLE movie_language (
    id            INTEGER NOT NULL,
    audio_id      INTEGER NOT NULL,
    subtitles_id  INTEGER,
    movie_id      INTEGER NOT NULL
);

ALTER TABLE movie_language ADD CONSTRAINT movie_language_pk PRIMARY KEY ( id );

CREATE TABLE rated (
    id    INTEGER NOT NULL,
    name  VARCHAR2(20) NOT NULL
);

ALTER TABLE rated ADD CONSTRAINT rated_pk PRIMARY KEY ( id );

CREATE TABLE reproduction_documentary (
    id                INTEGER NOT NULL,
    begin_date        DATE NOT NULL,
    recent_minute      INTEGER NOT NULL,
    client_id          INTEGER NOT NULL,
    state_id           INTEGER NOT NULL,
    documentary_language_id INTEGER NOT NULL
);

ALTER TABLE reproduction_documentary ADD CONSTRAINT reproduction_documentary_pk PRIMARY KEY ( id );

CREATE TABLE reproduction_movie (
    id                INTEGER NOT NULL,
    begin_date        DATE NOT NULL,
    recent_minute      INTEGER NOT NULL,
    client_id          INTEGER NOT NULL,
```

```
state_id          INTEGER NOT NULL,
movie_language_id INTEGER NOT NULL
);

ALTER TABLE reproduction_movie ADD CONSTRAINT reproduction_movie_pk PRIMARY KEY ( id );

CREATE TABLE reproduction_serie (
    id              INTEGER NOT NULL,
    begin_date      DATE NOT NULL,
    recent_minute    INTEGER NOT NULL,
    client_id        INTEGER NOT NULL,
    state_id         INTEGER NOT NULL,
    serie_language_id INTEGER NOT NULL
);

ALTER TABLE reproduction_serie ADD CONSTRAINT reproduction_serie_pk PRIMARY KEY ( id );

CREATE TABLE role (
    id      INTEGER NOT NULL,
    name    VARCHAR2(20) NOT NULL
);

ALTER TABLE role ADD CONSTRAINT role_pk PRIMARY KEY ( id );

CREATE TABLE saga (
    id          INTEGER NOT NULL,
    title       VARCHAR2(50) NOT NULL,
    abstract    VARCHAR2(70) NOT NULL,
    based_id    INTEGER NOT NULL
);

ALTER TABLE saga ADD CONSTRAINT saga_pk PRIMARY KEY ( id );

CREATE TABLE serie (
    id          INTEGER NOT NULL,
    title       VARCHAR2(50) NOT NULL,
    abstract    VARCHAR2(70) NOT NULL,
```

```
begin_date    DATE NOT NULL,
length       INTEGER NOT NULL,
seasons       INTEGER NOT NULL,
chapters      INTEGER NOT NULL,
rated_id     INTEGER NOT NULL,
macroserie_id INTEGER,
country_id    INTEGER NOT NULL
);

ALTER TABLE serie ADD CONSTRAINT serie_pk PRIMARY KEY ( id );

CREATE TABLE serie_format (
    format_id  INTEGER NOT NULL,
    serie_id   INTEGER NOT NULL
);

ALTER TABLE serie_format ADD CONSTRAINT serie_format_pk PRIMARY KEY ( format_id,
                                                                    serie_id );

CREATE TABLE serie_genre (
    genre_id  INTEGER NOT NULL,
    serie_id  INTEGER NOT NULL
);

ALTER TABLE serie_genre ADD CONSTRAINT serie_genre_pk PRIMARY KEY ( genre_id,
                                                                    serie_id );

CREATE TABLE serie_language (
    id          INTEGER NOT NULL,
    audio_id    INTEGER NOT NULL,
    subtitles_id INTEGER,
    serie_id    INTEGER NOT NULL
);

ALTER TABLE serie_language ADD CONSTRAINT serie_language_pk PRIMARY KEY ( id );

CREATE TABLE state (
```

```
    id    INTEGER NOT NULL,
    state VARCHAR2(20) NOT NULL
);

ALTER TABLE state ADD CONSTRAINT state_pk PRIMARY KEY ( id );

CREATE TABLE studio (
    id    INTEGER NOT NULL,
    name  VARCHAR2(30) NOT NULL
);

ALTER TABLE studio ADD CONSTRAINT studio_pk PRIMARY KEY ( id );

ALTER TABLE artist
    ADD CONSTRAINT artist_country_fk FOREIGN KEY ( country_id )
        REFERENCES country ( id );

ALTER TABLE artist
    ADD CONSTRAINT artist_gender_fk FOREIGN KEY ( gender_id )
        REFERENCES gender ( id );

ALTER TABLE cast_documentary
    ADD CONSTRAINT cast_documentary_artist_fk FOREIGN KEY ( artist_id )
        REFERENCES artist ( id );

ALTER TABLE cast_documentary
    ADD CONSTRAINT cast_documentary_fk FOREIGN KEY ( documentary_id )
        REFERENCES documentary ( id );

ALTER TABLE cast_documentary_role
    ADD CONSTRAINT cast_documentary_role_fk FOREIGN KEY ( cast_documentary_id )
        REFERENCES cast_documentary ( id );

ALTER TABLE cast_documentary_role
    ADD CONSTRAINT cast_documentary_role_role_fk FOREIGN KEY ( role_id )
        REFERENCES role ( id );
```

```
ALTER TABLE cast_movie
  ADD CONSTRAINT cast_movie_artist_fk FOREIGN KEY ( artist_id )
    REFERENCES artist ( id );

ALTER TABLE cast_movie
  ADD CONSTRAINT cast_movie_movie_fk FOREIGN KEY ( movie_id )
    REFERENCES movie ( id );

ALTER TABLE cast_movie_role
  ADD CONSTRAINT cast_movie_role_movie_fk FOREIGN KEY ( cast_movie_id )
    REFERENCES cast_movie ( id );

ALTER TABLE cast_movie_role
  ADD CONSTRAINT cast_movie_role_role_fk FOREIGN KEY ( role_id )
    REFERENCES role ( id );

ALTER TABLE cast_serie
  ADD CONSTRAINT cast_serie_artist_fk FOREIGN KEY ( artist_id )
    REFERENCES artist ( id );

ALTER TABLE cast_serie_role
  ADD CONSTRAINT cast_serie_role_cast_fk FOREIGN KEY ( cast_serie_id )
    REFERENCES cast_serie ( id );

ALTER TABLE cast_serie_role
  ADD CONSTRAINT cast_serie_role_role_fk FOREIGN KEY ( role_id )
    REFERENCES role ( id );

ALTER TABLE cast_serie
  ADD CONSTRAINT cast_serie_serie_fk FOREIGN KEY ( serie_id )
    REFERENCES serie ( id );

ALTER TABLE client
  ADD CONSTRAINT client_account_type_fk FOREIGN KEY ( account_type_id )
    REFERENCES account_type ( id );

ALTER TABLE client
```

```
ADD CONSTRAINT client_country_fk FOREIGN KEY ( country_id )
REFERENCES country ( id );

ALTER TABLE device
ADD CONSTRAINT device_client_fk FOREIGN KEY ( client_id )
REFERENCES client ( id );

ALTER TABLE documentary
ADD CONSTRAINT documentary_docuserie_fk FOREIGN KEY ( docuserie_id )
REFERENCES docuserie ( id );

ALTER TABLE documentary_format
ADD CONSTRAINT documentary_format_fk FOREIGN KEY ( documentary_id )
REFERENCES documentary ( id );

ALTER TABLE documentary_format
ADD CONSTRAINT documentary_format_format_fk FOREIGN KEY ( format_id )
REFERENCES format ( id );

ALTER TABLE documentary_genre
ADD CONSTRAINT documentary_genre_docu_fk FOREIGN KEY ( documentary_id )
REFERENCES documentary ( id );

ALTER TABLE documentary_genre
ADD CONSTRAINT documentary_genre_genre_fk FOREIGN KEY ( genre_id )
REFERENCES genre ( id );

ALTER TABLE documentary_language
ADD CONSTRAINT documentary_lang_fk FOREIGN KEY ( documentary_id )
REFERENCES documentary ( id );

ALTER TABLE documentary_language
ADD CONSTRAINT documentary_lang_lang_fk FOREIGN KEY ( audio_id )
REFERENCES language ( id );

ALTER TABLE documentary_language
ADD CONSTRAINT documentary_lang_lang_fkv2 FOREIGN KEY ( subtitles_id )
```



```
REFERENCES language ( id );

ALTER TABLE documentary
  ADD CONSTRAINT documentaryRated_fk FOREIGN KEY ( rated_id )
    REFERENCES rated ( id );

ALTER TABLE docuserie
  ADD CONSTRAINT docuserieBased_fk FOREIGN KEY ( based_id )
    REFERENCES based ( id );

ALTER TABLE download_documentary
  ADD CONSTRAINT download_documentary_client_fk FOREIGN KEY ( client_id )
    REFERENCES client ( id );

ALTER TABLE download_documentary
  ADD CONSTRAINT download_documentary_lang_fk FOREIGN KEY ( documentary_language_id )
    REFERENCES documentary_language ( id );

ALTER TABLE download_documentary
  ADD CONSTRAINT download_documentary_state_fk FOREIGN KEY ( state_id )
    REFERENCES state ( id );

ALTER TABLE download_movie
  ADD CONSTRAINT download_movie_client_fk FOREIGN KEY ( client_id )
    REFERENCES client ( id );

ALTER TABLE download_movie
  ADD CONSTRAINT download_movie_lang_fk FOREIGN KEY ( movie_language_id )
    REFERENCES movie_language ( id );

ALTER TABLE download_movie
  ADD CONSTRAINT download_movie_state_fk FOREIGN KEY ( state_id )
    REFERENCES state ( id );

ALTER TABLE download_serie
  ADD CONSTRAINT download_serie_client_fk FOREIGN KEY ( client_id )
    REFERENCES client ( id );
```

```
ALTER TABLE download_serie
    ADD CONSTRAINT download_serie_lang_fk FOREIGN KEY ( serie_language_id )
        REFERENCES serie_language ( id );
```

```
ALTER TABLE download_serie
    ADD CONSTRAINT download_serie_state_fk FOREIGN KEY ( state_id )
        REFERENCES state ( id );
```

```
ALTER TABLE macroserie
    ADD CONSTRAINT macroserie_based_fk FOREIGN KEY ( based_id )
        REFERENCES based ( id );
```

```
ALTER TABLE movie
    ADD CONSTRAINT movie_country_fk FOREIGN KEY ( country_id )
        REFERENCES country ( id );
```

```
ALTER TABLE movie_format
    ADD CONSTRAINT movie_format_format_fk FOREIGN KEY ( format_id )
        REFERENCES format ( id );
```

```
ALTER TABLE movie_format
    ADD CONSTRAINT movie_format_movie_fk FOREIGN KEY ( movie_id )
        REFERENCES movie ( id );
```

```
ALTER TABLE movie_genre
    ADD CONSTRAINT movie_genre_genre_fk FOREIGN KEY ( genre_id )
        REFERENCES genre ( id );
```

```
ALTER TABLE movie_genre
    ADD CONSTRAINT movie_genre_movie_fk FOREIGN KEY ( movie_id )
        REFERENCES movie ( id );
```

```
ALTER TABLE movie_language
    ADD CONSTRAINT movie_lang_lang_fk FOREIGN KEY ( subtitles_id )
        REFERENCES language ( id );
```

```
ALTER TABLE movie_language
    ADD CONSTRAINT movie_lang_lang_fkv2 FOREIGN KEY ( audio_id )
        REFERENCES language ( id );

ALTER TABLE movie_language
    ADD CONSTRAINT movie_lang_movie_fk FOREIGN KEY ( movie_id )
        REFERENCES movie ( id );

ALTER TABLE movie
    ADD CONSTRAINT movie Rated_fk FOREIGN KEY ( rated_id )
        REFERENCES rated ( id );

ALTER TABLE movie
    ADD CONSTRAINT movie_saga_fk FOREIGN KEY ( saga_id )
        REFERENCES saga ( id );

ALTER TABLE movie
    ADD CONSTRAINT movie_studio_fk FOREIGN KEY ( studio_id )
        REFERENCES studio ( id );

ALTER TABLE reproduction_documentary
    ADD CONSTRAINT reproduction_docu_client_fk FOREIGN KEY ( client_id )
        REFERENCES client ( id );

ALTER TABLE reproduction_documentary
    ADD CONSTRAINT reproduction_docu_lang_fk FOREIGN KEY ( documentary_language_id )
        REFERENCES documentary_language ( id );

ALTER TABLE reproduction_documentary
    ADD CONSTRAINT reproduction_docu_state_fk FOREIGN KEY ( state_id )
        REFERENCES state ( id );

ALTER TABLE reproduction_movie
    ADD CONSTRAINT reproduction_movie_client_fk FOREIGN KEY ( client_id )
        REFERENCES client ( id );

ALTER TABLE reproduction_movie
```

```
ADD CONSTRAINT reproduction_movie_lang_fk FOREIGN KEY ( movie_language_id )
REFERENCES movie_language ( id );

ALTER TABLE reproduction_movie
ADD CONSTRAINT reproduction_movie_state_fk FOREIGN KEY ( state_id )
REFERENCES state ( id );

ALTER TABLE reproduction_serie
ADD CONSTRAINT reproduction_serie_client_fk FOREIGN KEY ( client_id )
REFERENCES client ( id );

ALTER TABLE reproduction_serie
ADD CONSTRAINT reproduction_serie_lang_fk FOREIGN KEY ( serie_language_id )
REFERENCES serie_language ( id );

ALTER TABLE reproduction_serie
ADD CONSTRAINT reproduction_serie_state_fk FOREIGN KEY ( state_id )
REFERENCES state ( id );

ALTER TABLE saga
ADD CONSTRAINT saga_based_fk FOREIGN KEY ( based_id )
REFERENCES based ( id );

ALTER TABLE serie
ADD CONSTRAINT serie_country_fk FOREIGN KEY ( country_id )
REFERENCES country ( id );

ALTER TABLE serie_format
ADD CONSTRAINT serie_format_format_fk FOREIGN KEY ( format_id )
REFERENCES format ( id );

ALTER TABLE serie_format
ADD CONSTRAINT serie_format_serie_fk FOREIGN KEY ( serie_id )
REFERENCES serie ( id );

ALTER TABLE serie_genre
ADD CONSTRAINT serie_genre_genre_fk FOREIGN KEY ( genre_id )
```

```

REFERENCES genre ( id );

ALTER TABLE serie_genre
  ADD CONSTRAINT serie_genre_serie_fk FOREIGN KEY ( serie_id )
    REFERENCES serie ( id );

ALTER TABLE serie_language
  ADD CONSTRAINT serie_lang_lang_fk FOREIGN KEY ( audio_id )
    REFERENCES language ( id );

ALTER TABLE serie_language
  ADD CONSTRAINT serie_lang_lang_fkv2 FOREIGN KEY ( subtitles_id )
    REFERENCES language ( id );

ALTER TABLE serie_language
  ADD CONSTRAINT serie_lang_serie_fk FOREIGN KEY ( serie_id )
    REFERENCES serie ( id );

ALTER TABLE serie
  ADD CONSTRAINT serie_macroserie_fk FOREIGN KEY ( macroserie_id )
    REFERENCES macroserie ( id );

ALTER TABLE serie
  ADD CONSTRAINT serie Rated_fk FOREIGN KEY ( rated_id )
    REFERENCES rated ( id );

```

-- Oracle SQL Developer Data Modeler Summary Report:

--

-- CREATE TABLE	41
-- CREATE INDEX	0
-- ALTER TABLE	109
-- CREATE VIEW	0
-- ALTER VIEW	0
-- CREATE PACKAGE	0
-- CREATE PACKAGE BODY	0

```
-- CREATE PROCEDURE          0
-- CREATE FUNCTION           0
-- CREATE TRIGGER             0
-- ALTER TRIGGER              0
-- CREATE COLLECTION TYPE     0
-- CREATE STRUCTURED TYPE     0
-- CREATE STRUCTURED TYPE BODY 0
-- CREATE CLUSTER             0
-- CREATE CONTEXT             0
-- CREATE DATABASE            0
-- CREATE DIMENSION           0
-- CREATE DIRECTORY           0
-- CREATE DISK GROUP          0
-- CREATE ROLE                0
-- CREATE ROLLBACK SEGMENT    0
-- CREATE SEQUENCE            0
-- CREATE MATERIALIZED VIEW    0
-- CREATE MATERIALIZED VIEW LOG 0
-- CREATE SYNONYM             0
-- CREATE TABLESPACE         0
-- CREATE USER                0
--
-- DROP TABLESPACE           0
-- DROP DATABASE              0
--
-- REDACTION POLICY           0
--
-- ORDS DROP SCHEMA           0
-- ORDS ENABLE SCHEMA         0
-- ORDS ENABLE OBJECT         0
--
-- ERRORS                     0
-- WARNINGS                   0
```

Reportes

Reporte #1

```
SELECT * FROM (
  SELECT 'Pelicula' Tipo, m.title Titulo,
  EXTRACT(YEAR FROM m.year) Lanzamiento,
  c.name Pais,
  (SELECT LISTAGG(g.name, ', ' ) WITHIN GROUP (ORDER BY g.name) FROM genre g
   INNER JOIN movie_genre mg ON mg.genre_id = g.id
   WHERE mg.movie_id = m.id
  ) Generos,
  (SELECT LISTAGG(a.name || ' ' || a.last_name, ', ' ) WITHIN GROUP (ORDER BY a.name || ' ' || a.last_name) FROM artist a
   INNER JOIN cast_movie cm ON cm.artist_id = a.id
   INNER JOIN cast_movie_role cmr ON cmr.cast_movie_id = cm.id
   WHERE cm.movie_id = m.id AND cmr.role_id = 3
  ) Directores
FROM movie m
INNER JOIN country c ON c.id = m.country_id
UNION
  SELECT 'Serie' Tipo, s.title Titulo,
  EXTRACT(YEAR FROM s.begin_date) Lanzamiento,
  c.name Pais,
  (SELECT LISTAGG(g.name, ', ' ) WITHIN GROUP (ORDER BY g.name) FROM genre g
   INNER JOIN serie_genre sg ON sg.genre_id = g.id
   WHERE sg.serie_id = s.id
  ) Generos,
  (SELECT LISTAGG(a.name || ' ' || a.last_name, ', ' ) WITHIN GROUP (ORDER BY a.name || ' ' || a.last_name) FROM artist a
   INNER JOIN cast_serie cs ON cs.artist_id = a.id
   INNER JOIN cast_serie_role csr ON csr.cast_serie_id = cs.id
   WHERE cs.serie_id = s.id AND csr.role_id = 3
  ) Directores
FROM serie s
INNER JOIN country c ON c.id = s.country_id
);
```

Resultado:

TIPO	TITULO	LANZAMIENTO	PAIS	GENEROS	DIRECTORES

Pelicula	Avatar	1976	Brasil	Aventura, Biograf[ia], Romance, Terror	Tom Hanks
Pelicula	Avengers: Endgame	1985	Panam[i]	Comedia, Crimen, Historia, Terror	Meryl Streep
Pelicula	Avengers: Infinity War	1995	Estados Unidos	Acci[on], Ciencia, Drama, Romance	Julia Roberts
Pelicula	Casablanca	1964	Costa Rica	Ciencia, Comedia, Crimen, Drama	Jake Gyllenhaal, Jennifer Aniston, Meryl Streep
Pelicula	Ciudadano Kane	1984	Costa Rica	Ciencia ficci[on], Comedia, Historia, Naturaleza	Meryl Streep
Pelicula	Dr. No	1969	Brasil	Aventura, Ciencia, Crimen, Drama	Robert De Niro
Pelicula	El Padrino II	1987	Estados Unidos	Acci[on], Ciencia ficci[on], Historia, Romance	Tom Hanks
Pelicula	El Prisionero de Azkaban	1963	Costa Rica	Aventura, Biograf[ia], Crimen, Drama	Robert De Niro
Pelicula	El Señor de los Anillos: La Comunidad del Anillo	1989	Panam[i]	Acci[on], Ciencia, Naturaleza, Terror	Meryl Streep
Pelicula	El Señor de los Anillos: El retorno del rey	1962	Estados Unidos	Ciencia, Ciencia ficci[on], Comedia, Naturaleza	Tom Hanks
Pelicula	El Señor de los Anillos: Las dos torres	1970	Estados Unidos	Comedia, Crimen, Drama, Historia	Meryl Streep
Pelicula	El caballero oscuro	1982	Costa Rica	Aventura, Biograf[ia], Romance, Terror	Julia Roberts
Pelicula	El gran Lebowski	1963	Costa Rica	Ciencia, Ciencia ficci[on], Comedia, Crimen	Meryl Streep, Tom Hardy
Pelicula	El laberinto del fauno	1970	Estados Unidos	Biograf[ia], Comedia, Crimen, Terror	Julia Roberts
Pelicula	El padrino	1982	Costa Rica	Ciencia, Comedia, Crimen, Terror	Daniel Day-Lewis, Julia Roberts, Sean Penn
Pelicula	En llamas	1997	Brasil	Comedia, Crimen, Drama, Historia	Mark Wahlberg, Meryl Streep
Pelicula	Fast Five	1964	Costa Rica	Ciencia, Comedia, Drama, Romance	Robert De Niro
Pelicula	Fast and Furious 6	1967	Costa Rica	Ciencia, Comedia, Romance, Terror	Robert De Niro
Pelicula	Forrest Gump	1997	Brasil	Aventura, Ciencia ficci[on], Historia, Naturaleza	Charlize Theron, Tom Hanks
Pelicula	Goldfinger	1988	Estados Unidos	Acci[on], Biograf[ia], Naturaleza, Terror	Denzel Washington
Pelicula	Harry Potter	1988	Estados Unidos	Biograf[ia], Comedia, Crimen, Terror	Julia Roberts
Pelicula	Indiana Jones: En busca del arca perdida	1976	Costa Rica	Comedia, Drama, Historia, Naturaleza	Denzel Washington, Samuel L. Jackson
Pelicula	Iron Man	1996	Panam[i]	Biograf[ia], Ciencia ficci[on], Comedia, Crimen	Julia Roberts
Pelicula	Jurassic Park	1979	Panam[i]	Acci[on], Ciencia, Ciencia ficci[on], Romance	Tom Hanks
Pelicula	La Chimara Secreta	1986	Brasil	Aventura, Ciencia ficci[on], Historia, Romance	Julia Roberts
Pelicula	La Piedra Filosofal	1974	Estados Unidos	Ciencia, Comedia, Romance, Terror	Robert De Niro
Pelicula	La forma del agua	1982	Costa Rica	Comedia, Historia, Romance, Terror	Meryl Streep
Pelicula	La lista de Schindler	1990	Estados Unidos	Ciencia, Comedia, Crimen, Drama	Julia Roberts
Pelicula	La vida es bella	1975	Panam[i]	Aventura, Ciencia, Crimen, Terror	Denzel Washington
Pelicula	Los juegos del hambre	1997	Costa Rica	Biograf[ia], Comedia, Drama, Naturaleza	Meryl Streep
Pelicula	Pulp Fiction	1967	Costa Rica	Aventura, Ciencia, Ciencia ficci[on], Romance	Michael Fassbender, Robert De Niro
Pelicula	Sinsajo - Parte 1	1977	Panam[i]	Aventura, Biograf[ia], Romance, Terror	Robert De Niro
Pelicula	Star Wars: Episodio I	1997	Costa Rica	Comedia, Drama, Historia, Romance	Tom Hanks
Pelicula	Star Wars: Episodio IV	1978	Costa Rica	Aventura, Drama, Historia, Romance	Denzel Washington
Pelicula	Star Wars: Episodio V	1979	Brasil	Comedia, Crimen, Drama, Historia	Julia Roberts, Michael Fassbender
Pelicula	Star Wars: Episodio VI	1975	Brasil	Aventura, Ciencia ficci[on], Crimen, Historia	Meryl Streep
Pelicula	The Fast and the Furious	1976	Panam[i]	Acci[on], Biograf[ia], Ciencia ficci[on], Romance	Tom Hanks

TIPO	TITULO	LANZAMIENTO	PAIS	GENEROS	DIRECTORES

Pelicula	The Lost World: Jurassic Park	1969	Costa Rica	Acci[on], Ciencia, Crimen, Drama	Meryl Streep
Pelicula	Thunderball	1971	Costa Rica	Comedia, Drama, Historia, Romance	Tom Hanks
Pelicula	Titanic	1982	Brasil	Aventura, Ciencia, Crimen, Drama	Julia Roberts
Serie	Arrow	1967	Panam[i]	Comedia, Drama, Historia, Naturaleza	Robert De Niro
Serie	Black Mirror	1968	Estados Unidos	Ciencia ficci[on], Comedia, Crimen, Historia	Tom Hanks
Serie	Breaking Bad	1985	Brasil	Acci[on], Ciencia, Ciencia ficci[on], Crimen	Julia Roberts
Serie	CSI: Las Vegas	1990	Brasil	Acci[on], Ciencia ficci[on], Crimen, Historia	Charlize Theron, Julia Roberts
Serie	CSI: Miami	1973	Panam[i]	Aventura, Biograf[ia], Drama, Naturaleza	Robert De Niro
Serie	Chernobyl	1965	Brasil	Biograf[ia], Ciencia ficci[on], Comedia, Naturaleza	Robert De Niro
Serie	Fear the Walking Dead	2015	Brasil	Acci[on], Ciencia, Drama, Naturaleza	Denzel Washington
Serie	Friends	1987	Costa Rica	Comedia, Historia, Naturaleza, Terror	Julia Roberts
Serie	Game of Thrones	1986	Estados Unidos	Acci[on], Ciencia, Ciencia ficci[on], Naturaleza	Meryl Streep
Serie	Greys Anatomy	1995	Estados Unidos	Biograf[ia], Comedia, Naturaleza, Terror	George Clooney, Tom Hanks
Serie	Hawkeye	1967	Estados Unidos	Acci[on], Crimen, Historia, Terror	Meryl Streep, Russell Crowe
Serie	How I Met Your Mother	1989	Costa Rica	Acci[on], Biograf[ia], Naturaleza, Terror	Meryl Streep
Serie	Juego de Tronos	1967	Panam[i]	Ciencia, Ciencia ficci[on], Comedia, Crimen	Julia Roberts
Serie	Law and Order	1980	Brasil	Ciencia ficci[on], Comedia, Historia, Naturaleza	Meryl Streep
Serie	Law and Order: Special Victims Unit	1997	Costa Rica	Aventura, Biograf[ia], Ciencia ficci[on], Naturaleza	Meryl Streep
Serie	Legends of Tomorrow	1974	Panam[i]	Aventura, Ciencia, Ciencia ficci[on], Crimen	Denzel Washington
Serie	Loki	1993	Estados Unidos	Aventura, Biograf[ia], Crimen, Terror	Al Pacino, Denzel Washington
Serie	Lost	1966	Estados Unidos	Biograf[ia], Comedia, Naturaleza, Terror	Denzel Washington
Serie	Mindhunter	1967	Brasil	Aventura, Drama, Historia, Naturaleza	Christian Bale, Meryl Streep
Serie	Money Heist	1969	Brasil	Biograf[ia], Comedia, Naturaleza, Terror	Cate Blanchett, Julia Roberts
Serie	Narcos	1968	Costa Rica	Ciencia, Ciencia ficci[on], Comedia, Crimen	Meryl Streep
Serie	Peaky Blinders	1993	Estados Unidos	Biograf[ia], Comedia, Drama, Naturaleza	Robert De Niro
Serie	Star Trek Deep Space Nine	1962	Estados Unidos	Comedia, Crimen, Historia, Terror	Meryl Streep
Serie	Star Trek The Next Generation	1966	Panam[i]	Aventura, Ciencia, Drama, Romance	Denzel Washington
Serie	Star Trek The Original Series	1974	Costa Rica	Biograf[ia], Comedia, Naturaleza, Terror	Meryl Streep
Serie	Stranger Things	1977	Estados Unidos	Acci[on], Biograf[ia], Ciencia ficci[on], Naturaleza	Robert De Niro
Serie	The Big Bang Theory	1995	Estados Unidos	Ciencia, Ciencia ficci[on], Comedia, Crimen	Tom Hanks
Serie	The Crown	1982	Estados Unidos	Comedia, Drama, Historia, Naturaleza	Denzel Washington
Serie	The Flash	1968	Brasil	Acci[on], Ciencia, Drama, Romance	Al Pacino, Robert De Niro
Serie	The Good Place	1975	Estados Unidos	Aventura, Ciencia, Drama, Naturaleza	Denzel Curry, Meryl Streep
Serie	The Mandalorian	1968	Costa Rica	Biograf[ia], Comedia, Drama, Romance	Julia Roberts
Serie	The Office	1979	Brasil	Biograf[ia], Comedia, Crimen, Terror	Denzel Washington
Serie	The Simpsons	1967	Panam[i]	Comedia, Crimen, Historia, Terror	Denzel Washington
Serie	The Sopranos	1976	Estados Unidos	Comedia, Drama, Historia, Naturaleza	Robert De Niro

TIPO	TITULO	LANZAMIENTO	PAIS	GENEROS	DIRECTORES

Serie	The Walking Dead	2011	Panam[i]	Acci[on], Ciencia ficci[on], Historia, Romance	Tom Hanks, Viola Davis
Serie	The Witcher	1992	Estados Unidos	Aventura, Biograf[ia], Romance, Terror	Julia Roberts
Serie	True Detective	1971	Costa Rica	Acci[on], Biograf[ia], Ciencia ficci[on], Crimen	Meryl Streep
Serie	Vikings	1983	Estados Unidos	Aventura, Biograf[ia], Crimen, Terror	Robert De Niro
Serie	WandaVision	1989	Estados Unidos	Acci[on], Crimen, Historia, Terror	Meryl Streep
Serie	Westworld	1965	Estados Unidos	Biograf[ia], Comedia, Crimen, Drama	Julia Roberts, Kate Winslet

80 rows selected.

Reporte #2

```
SELECT * FROM (
  SELECT 'Serie' Tipo, s.title Titulo,
  EXTRACT(YEAR FROM s.begin_date) Lanzamiento,
  s.seasons Temporadas,
  (SELECT LISTAGG(g.name, ', ' ) WITHIN GROUP (ORDER BY g.name) FROM genre g
    INNER JOIN serie_genre sg ON sg.genre_id = g.id
    WHERE sg.serie_id = s.id
  ) Generos,
  (SELECT LISTAGG(a.name || ' ' || a.last_name, ', ' ) WITHIN GROUP (ORDER BY a.name || ' ' || a.last_name) FROM artist a
    INNER JOIN cast_serie cs ON cs.artist_id = a.id
    INNER JOIN cast_serie_role csr ON csr.cast_serie_id = cs.id
    WHERE cs.serie_id = s.id AND csr.role_id = 3
  ) Directores
FROM serie s
UNION
  SELECT 'Documental' Tipo, d.title Titulo,
  EXTRACT(YEAR FROM d.begin_date) Lanzamiento,
  d.seasons Temporadas,
  (SELECT LISTAGG(g.name, ', ' ) WITHIN GROUP (ORDER BY g.name) FROM genre g
    INNER JOIN documentary_genre dg ON dg.genre_id = g.id
    WHERE dg.documentary_id = d.id
  ) Generos,
  (SELECT LISTAGG(a.name || ' ' || a.last_name, ', ' ) WITHIN GROUP (ORDER BY a.name || ' ' || a.last_name) FROM artist a
    INNER JOIN cast_documentary cd ON cd.artist_id = a.id
    INNER JOIN cast_documentary_role cdr ON cdr.cast_documentary_id = cd.id
    WHERE cd.documentary_id = d.id AND cdr.role_id = 3
  ) Directores
FROM documentary d
);
```

Resultado:

TIPO	TITULO	LANZAMIENTO	TEMPORADAS	GENEROS	DIRECTORES
Documental	13th	1960	4	Aventura, Ciencia, Drama, Romance	Robert De Niro, Scarlett Johansson
Documental	A Spacetime Odyssey	1994	3	Acci n, Ciencia, Drama, Naturaleza	Tom Hanks
Documental	Amy	1962	1	Biograf a, Ciencia ficci n, Comedia, Crimen	Meryl Streep
Documental	Blackfish	1979	2	Aventura, Ciencia, Naturaleza, Terror	Julia Roberts
Documental	Blue Planet II:	1985	2	Acci n, Ciencia, Crimen, Drama	Cate Blanchett, Denzel Washington
Documental	Citizenfour	1974	4	Acci n, Historia, Romance, Terror	Pen lope Cruz, Robert De Niro, Sandra Bullock
Documental	Cosmos	1985	3	Acci n, Ciencia, Crimen, Drama	Tom Hanks
Documental	Exit Through the Gift Shop	1970	4	Aventura, Historia, Romance, Terror	Julia Roberts
Documental	Free Solo	1964	4	Acci n, Biograf a, Romance, Terror	Robert De Niro
Documental	Grizzly Man	1969	1	Biograf a, Comedia, Crimen, Drama	Julia Roberts
Documental	Hoop Dreams	1992	2	Aventura, Ciencia, Drama, Naturaleza	Tom Hanks
Documental	Icarus	1967	4	Aventura, Ciencia, Romance, Terror	Robert De Niro
Documental	Jiro Dreams of Sushi	1973	1	Ciencia ficci n, Comedia, Historia, Naturaleza	Anne Hathaway, Tom Hanks
Documental	Man on Wire	1992	3	Aventura, Crimen, Historia, Terror	Denzel Washington
Documental	March of the Penguins	1974	2	Acci n, Drama, Historia, Naturaleza	Robert De Niro
Documental	O.J.	1985	4	Biograf a, Comedia, Naturaleza, Terror	Samuel L. Jackson, Tom Hanks
Documental	Planet Earth	1992	1	Acci n, Biograf a, Crimen, Terror	Denzel Washington
Documental	Planet Earth II:	1964	2	Comedia, Historia, Romance, Terror	Julia Roberts
Documental	RBG	1961	4	Ciencia, Comedia, Romance, Terror	Christian Bale, Hugh Jackman, Tom Hanks
Documental	Searching for Sugar Man	1993	3	Biograf a, Comedia, Drama, Naturaleza	Robert De Niro
Documental	Senna	1971	1	Comedia, Drama, Historia, Naturaleza	Julia Roberts
Documental	Supersize Me	1982	2	Acci n, Biograf a, Naturaleza, Terror	Julia Roberts, Russell Crowe
Documental	The Act of Killing	1991	3	Acci n, Biograf a, Ciencia ficci n, Crimen	Denzel Washington
Documental	The Architecture of Happiness:	1993	3	Biograf a, Comedia, Drama, Naturaleza	Denzel Washington
Documental	The Cove	1990	3	Ciencia ficci n, Comedia, Historia, Naturaleza	Meryl Streep
Documental	The Fog of War	1995	2	Aventura, Ciencia ficci n, Historia, Romance	Denzel Washington
Documental	The Phenomenon	1974	3	Acci n, Ciencia, Ciencia ficci n, Crimen	Julia Roberts
Documental	Tiny House Nation	1978	3	Aventura, Biograf a, Drama, Romance	Denzel Washington
Documental	UFO	1960	2	Comedia, Drama, Historia, Romance	Denzel Washington
Documental	Voyager in Space	1993	3	Biograf a, Comedia, Romance, Terror	Mark Wahlberg, Meryl Streep
Serie	Arrow	1967	4	Comedia, Drama, Historia, Naturaleza	Robert De Niro
Serie	Black Mirror	1968	1	Ciencia ficci n, Comedia, Crimen, Historia	Tom Hanks
Serie	Breaking Bad	1985	2	Acci n, Ciencia, Ciencia ficci n, Crimen	Julia Roberts
Serie	CSI: Las Vegas	1990	1	Acci n, Ciencia ficci n, Crimen, Historia	Charlize Theron, Julia Roberts
Serie	CSI: Miami	1973	5	Aventura, Biograf a, Drama, Naturaleza	Robert De Niro
Serie	Chernobyl	1965	9	Biograf a, Ciencia ficci n, Comedia, Naturaleza	Robert De Niro
Serie	Fear the Walking Dead	2015	9	Acci n, Ciencia, Drama, Naturaleza	Denzel Washington

TIPO	TITULO	LANZAMIENTO	TEMPORADAS	GENEROS	DIRECTORES
Serie	Friends	1987	5	Comedia, Historia, Naturaleza, Terror	Julia Roberts
Serie	Game of Thrones	1986	2	Acci n, Ciencia, Ciencia ficci n, Naturaleza	Meryl Streep
Serie	Greys Anatomy	1995	8	Biograf a, Comedia, Naturaleza, Terror	George Clooney, Tom Hanks
Serie	Hawkeye	1967	5	Acci n, Crimen, Historia, Terror	Meryl Streep, Russell Crowe
Serie	How I Met Your Mother	1989	9	Acci n, Biograf a, Naturaleza, Terror	Meryl Streep
Serie	Juego de Tronos	1967	7	Ciencia, Ciencia ficci n, Comedia, Crimen	Julia Roberts
Serie	Law and Order	1980	1	Ciencia ficci n, Comedia, Historia, Naturaleza	Meryl Streep
Serie	Law and Order: Special Victims Unit	1997	5	Aventura, Biograf a, Ciencia ficci n, Naturaleza	Meryl Streep
Serie	Legends of Tomorrow	1974	6	Aventura, Ciencia, Ciencia ficci n, Crimen	Denzel Washington
Serie	Loki	1993	8	Aventura, Biograf a, Crimen, Terror	Al Pacino, Denzel Washington
Serie	Lost	1966	7	Biograf a, Comedia, Naturaleza, Terror	Denzel Washington
Serie	Mindhunter	1967	2	Aventura, Drama, Historia, Naturaleza	Christian Bale, Meryl Streep
Serie	Money Heist	1969	6	Biograf a, Comedia, Naturaleza, Terror	Cate Blanchett, Julia Roberts
Serie	Narcos	1968	1	Ciencia, Ciencia ficci n, Comedia, Crimen	Meryl Streep
Serie	Peaky Blinders	1993	9	Biograf a, Comedia, Drama, Naturaleza	Robert De Niro
Serie	Star Trek Deep Space Nine	1962	6	Comedia, Crimen, Historia, Terror	Meryl Streep
Serie	Star Trek The Next Generation	1966	4	Aventura, Ciencia, Drama, Romance	Denzel Washington
Serie	Star Trek The Original Series	1974	5	Biograf a, Comedia, Naturaleza, Terror	Meryl Streep
Serie	Stranger Things	1977	8	Acci n, Biograf a, Ciencia ficci n, Naturaleza	Robert De Niro
Serie	The Big Bang Theory	1995	9	Ciencia, Ciencia ficci n, Comedia, Crimen	Tom Hanks
Serie	The Crown	1982	9	Comedia, Drama, Historia, Naturaleza	Denzel Washington
Serie	The Flash	1968	4	Acci n, Ciencia, Drama, Romance	Al Pacino, Robert De Niro
Serie	The Good Place	1975	9	Aventura, Ciencia, Drama, Naturaleza	Denzel Curry, Meryl Streep
Serie	The Mandalorian	1968	4	Biograf a, Comedia, Drama, Romance	Julia Roberts
Serie	The Office	1979	1	Biograf a, Comedia, Crimen, Terror	Denzel Washington
Serie	The Simpsons	1967	8	Comedia, Crimen, Historia, Terror	Denzel Washington
Serie	The Sopranos	1976	3	Comedia, Drama, Historia, Naturaleza	Robert De Niro
Serie	The Walking Dead	2011	4	Acci n, Ciencia ficci n, Historia, Romance	Tom Hanks, Viola Davis
Serie	The Witcher	1992	7	Aventura, Biograf a, Romance, Terror	Julia Roberts
Serie	True Detective	1976	7	Acci n, Biograf a, Ciencia ficci n, Crimen	Meryl Streep
Serie	Vikings	1963	3	Aventura, Biograf a, Crimen, Terror	Robert De Niro
Serie	WandaVision	1989	10	Acci n, Crimen, Historia, Terror	Meryl Streep
Serie	Westworld	1965	7	Biograf a, Comedia, Crimen, Drama	Julia Roberts, Kate Winslet

70 rows selected.

Reporte #3

```
SELECT c.name Nombre, c.last_name Apellidos, COUNT(DISTINCT rd.id) Documentales, COUNT(DISTINCT rm.id) Peliculas,
COUNT(DISTINCT rs.id) Series
FROM client c
INNER JOIN reproduction_documentary rd ON rd.client_id = c.id
INNER JOIN reproduction_movie rm ON rm.client_id = c.id
INNER JOIN reproduction_serie rs ON rs.client_id = c.id
GROUP BY c.name, c.last_name;
```

Resultado:

NOMBRE	APELLIDOS	DOCUMENTALES	PELICULAS	SERIES
Maxi	Nerea Salas Morante	1	3	1
Reyes	Matas Morales	1	1	2
Vilma	Galindo Riba	1	2	2
Abilio	Nadal Contreras	3	2	3
Sandra	Plana Salazar	1	1	2
Gerardo	Salas Valenzuela	1	3	3
Haroldo	Grande Ballesteros	4	3	1
Javiera	Bermudez	1	1	1
José	Martíja Oller Carrera	2	1	1
Modesto	Botella Campo	4	1	1
Adelaida	Borrás Rosado	3	3	2
Jesús	Leal Jaume	1	3	2
Jesús	Castells Flor	2	1	1
Maricela	Abril Millán Molins	1	1	5
Olegario	Prieto-Quevedo	2	1	2
Francisca	Esther Solís Guzman	3	2	1
Fátima	de Company	2	1	2
Magdalena	Bermúdez Prat	1	2	4
Walter	Abella	1	1	1
Jeremías	Pérez-Vilalta	1	2	3
Visitación	Malena Cuervo Bravo	2	1	1

21 rows selected.

Reporte #4

```
WITH movie_genres_cte AS (  
    SELECT mg.movie_id, LISTAGG(g.name, ', ') WITHIN GROUP (ORDER BY g.name) AS generos  
    FROM movie_genre mg  
    INNER JOIN genre g ON g.id = mg.genre_id  
    GROUP BY mg.movie_id  
)  
SELECT  
    m.title AS Titulo,  
    EXTRACT(YEAR FROM m.year) AS Lanzamiento,  
    mgc.generos AS Generos,  
    COUNT(DISTINCT rm.id) AS Reproducciones  
FROM movie m  
INNER JOIN movie_language ml ON ml.movie_id = m.id  
INNER JOIN reproduction_movie rm ON rm.movie_language_id = ml.id  
INNER JOIN client c ON c.id = rm.client_id  
LEFT JOIN movie_genres_cte mgc ON mgc.movie_id = m.id  
GROUP BY m.title, mgc.generos, EXTRACT(YEAR FROM m.year);
```

Resultado:

TITULO	LANZAMIENTO	GENEROS	REPRODUCCIONES
En llamas	1997	Comedia, Crimen, Drama, Historia	2
El gran Lebowski	1963	Ciencia, Ciencia ficción, Comedia, Crimen	1
Star Wars: Episodio IV	1978	Aventura, Drama, Historia, Romance	1
Avengers: Endgame	1985	Comedia, Crimen, Historia, Terror	2
La lista de Schindler	1990	Ciencia, Comedia, Crimen, Drama	2
Iron Man	1996	Biografía, Ciencia ficción, Comedia, Crimen	5
Titanic	1982	Aventura, Ciencia, Crimen, Drama	3
The Lost World: Jurassic Park	1969	Acción, Ciencia, Crimen, Drama	2
El Señor de los Anillos: El retorno del rey	1962	Ciencia, Ciencia ficción, Comedia, Naturaleza	2
Star Wars: Episodio I	1997	Comedia, Drama, Historia, Romance	2
Ciudadano Kane	1984	Ciencia ficción, Comedia, Historia, Naturaleza	4
Fast and Furious 6	1967	Ciencia, Comedia, Romance, Terror	3
Avatar	1976	Aventura, Biografía, Romance, Terror	1
El caballero oscuro	1982	Aventura, Biografía, Romance, Terror	1
Los juegos del hambre	1997	Biografía, Comedia, Drama, Naturaleza	5
The Fast and the Furious	1976	Acción, Biografía, Ciencia ficción, Romance	2
Thunderball	1971	Comedia, Drama, Historia, Romance	2
La Címbra Secreta	1986	Aventura, Ciencia ficción, Historia, Romance	1
Dr. No	1969	Aventura, Ciencia, Crimen, Drama	5
Star Wars: Episodio VI	1975	Aventura, Ciencia ficción, Crimen, Historia	1
Sinsajo - Parte 1	1977	Aventura, Biografía, Romance, Terror	3
Avengers: Infinity War	1995	Acción, Ciencia, Drama, Romance	1
El padrino	1982	Ciencia, Comedia, Crimen, Terror	1
El Señor de los Anillos: Las dos torres	1970	Comedia, Crimen, Drama, Historia	3
Goldfinger	1988	Acción, Biografía, Naturaleza, Terror	5
Casablanca	1964	Ciencia, Comedia, Crimen, Drama	3
La vida es bella	1975	Aventura, Ciencia, Crimen, Terror	4
Pulp Fiction	1967	Aventura, Ciencia, Ciencia ficción, Romance	2
Harry Potter	1989	Biografía, Comedia, Crimen, Terror	1
Indiana Jones: En busca del arca perdida	1976	Comedia, Drama, Historia, Naturaleza	3
Jurassic Park	1979	Acción, Ciencia, Ciencia ficción, Romance	2
La forma del agua	1982	Comedia, Historia, Romance, Terror	1
El Señor de los Anillos: La Comunidad del Anillo	1989	Acción, Ciencia, Naturaleza, Terror	2
El Prisionero de Azkaban	1963	Aventura, Biografía, Crimen, Drama	1
El laberinto del fauno	1970	Biografía, Comedia, Crimen, Terror	1

35 rows selected.

Reporte #5

```
SELECT s.title Titulo, EXTRACT(YEAR FROM s.begin_date) Lanzamiento, s.seasons Temporadas, COUNT(DISTINCT rs.id)
Reproducciones
FROM serie s
INNER JOIN serie_language sl ON sl.serie_id = s.id
INNER JOIN reproduction_serie rs ON rs.serie_language_id = sl.id
INNER JOIN client c ON c.id = rs.client_id
GROUP BY s.title, s.seasons, s.begin_date
ORDER BY Lanzamiento, Titulo;
```

Resultado:

TITULO	LANZAMIENTO	TEMPORADAS	REPRODUCCIONES
Vikings	1963	3	2
Chernobyl	1965	9	1
Westworld	1965	7	1
Star Trek The Next Generation	1966	4	4
Arrow	1967	4	2
Hawkeye	1967	5	2
Juego de Tronos	1967	7	4
The Simpsons	1967	8	1
Black Mirror	1968	1	4
Narcos	1968	1	4
The Flash	1968	4	1
The Mandalorian	1968	4	1
Money Heist	1969	6	2
Legends of Tomorrow	1974	6	2
Star Trek The Original Series	1974	5	1
True Detective	1976	7	1
Stranger Things	1977	8	2
The Office	1979	1	4
Law and Order	1980	1	5
The Crown	1982	9	4
How I Met Your Mother	1989	9	4
WandaVision	1989	10	2
CSI: Las Vegas	1990	1	2
Loki	1993	8	3
Peaky Blinders	1993	9	1
Greys Anatomy	1995	8	4
Law and Order: Special Victims Unit	1997	5	1
The Walking Dead	2011	4	2
Fear the Walking Dead	2015	9	3

29 rows selected.

Reporte #6

```
SELECT d.title Titulo, EXTRACT(YEAR FROM d.begin_date) Lanzamiento, d.seasons Temporadas, COUNT(DISTINCT rd.id)
Reproducciones
FROM documentary d
INNER JOIN documentary_language dl ON dl.documentary_id = d.id
INNER JOIN reproduction_documentary rd ON rd.documentary_language_id = dl.id
INNER JOIN client c ON c.id = rd.client_id
GROUP BY d.title, d.seasons, d.begin_date
ORDER BY Lanzamiento, Titulo;
```

Resultado:

TITULO	LANZAMIENTO	TEMPORADAS	REPRODUCCIONES
13th	1960	4	1
UFO	1960	2	1
RBG	1961	4	1
Amy	1962	1	2
Free Solo	1964	4	1
Planet Earth II:	1964	2	1
Icarus	1967	4	2
Senna	1971	1	2
Jiro Dreams of Sushi	1973	1	1
Citizenfour	1974	4	2
March of the Penguins	1974	2	4
Tiny House Nation	1978	3	4
Blackfish	1979	2	3
Blue Planet II:	1985	2	3
Cosmos	1985	3	3
O.J.	1985	4	2
The Cove	1990	3	5
The Act of Killing	1991	3	3
Hoop Dreams	1992	2	1
Planet Earth	1992	1	2
Searching for Sugar Man	1993	3	1
Voyager in Space	1993	3	3
A Spacetime Odyssey	1994	3	2

23 rows selected.

Reporte #7

```
SELECT * FROM (
  SELECT 'Película' Tipo, m.title Titulo, EXTRACT(YEAR FROM m.year) Lazamiento, m.length Duracion, COUNT(1) Descargas,
  MAX(dm.begin_date) "ULT. DESC."
  FROM download_movie dm
  INNER JOIN movie_language ml ON ml.id = dm.movie_language_id
  INNER JOIN movie m ON m.id = ml.movie_id
  GROUP BY m.title, m.year, m.length
  UNION
  SELECT 'Serie' Tipo, s.title Titulo, EXTRACT(YEAR FROM s.begin_date) Lazamiento, s.length Duracion, COUNT(1)
  Descargas, MAX(ds.begin_date) "ULT. DESC."
  FROM download_serie ds
  INNER JOIN serie_language sl ON sl.id = ds.serie_language_id
  INNER JOIN serie s ON s.id = sl.serie_id
  GROUP BY s.title, s.begin_date, s.length
  UNION
  SELECT 'Documental' Tipo, d.title Titulo, EXTRACT(YEAR FROM d.begin_date) Lazamiento, d.length Duracion, COUNT(1)
  Descargas, MAX(dd.begin_date) "ULT. DESC."
  FROM download_documentary dd
  INNER JOIN documentary_language dl ON dl.id = dd.documentary_language_id
  INNER JOIN documentary d ON d.id = dl.documentary_id
  GROUP BY d.title, d.begin_date, d.length
)
ORDER BY Descargas DESC;
```

Resultado:

TIPO	TITULO	LAZAMIENTO	DURACION	DESCARGAS	ULT. DESC
Pelicula	Harry Potter	1989	122	3	22-OCT-21
Pelicula	Titanic	1982	142	3	10-JAN-23
Pelicula	Avengers: Endgame	1985	183	3	19-NOV-23
Pelicula	Sinsajo - Parte 1	1977	175	2	17-AUG-23
Pelicula	El Señor de los Anillos: El retorno del rey	1962	137	2	04-FEB-23
Pelicula	La vida es bella	1975	179	2	26-OCT-22
Pelicula	Fast Five	1964	182	2	09-AUG-21
Serie	Friends	1987	375	2	01-APR-22
Pelicula	Dr. No	1969	188	2	11-JUN-22
Serie	CSI: Las Vegas	1990	450	2	23-MAY-22
Pelicula	Jurassic Park	1979	190	2	26-JUN-23
Serie	Money Heist	1969	464	2	06-JUN-22
Pelicula	Thunderball	1971	158	2	05-APR-22
Pelicula	Iron Man	1996	141	2	04-NOV-23
Serie	The Walking Dead	2011	476	2	10-SEP-23
Pelicula	El gran Lebowski	1963	171	1	10-NOV-23
Pelicula	El laberinto del fauno	1970	160	1	23-DEC-23
Pelicula	El padrino	1982	191	1	07-AUG-21
Pelicula	Fast and Furious 6	1967	166	1	13-APR-23
Pelicula	Forrest Gump	1997	173	1	15-FEB-23
Pelicula	La Cíimara Secreta	1986	163	1	14-MAR-23
Pelicula	La forma del agua	1982	160	1	14-FEB-22
Pelicula	La lista de Schindler	1990	198	1	02-MAR-22
Pelicula	Los juegos del hambre	1997	151	1	01-MAR-22
Pelicula	Star Wars: Episodio VI	1975	185	1	17-NOV-23
Serie	Arrow	1967	247	1	12-MAR-21
Serie	Breaking Bad	1985	229	1	06-SEP-22
Serie	CSI: Miami	1973	340	1	04-MAR-22
Serie	Greys Anatomy	1995	446	1	24-JAN-23
Serie	How I Met Your Mother	1989	595	1	03-APR-22
Serie	Juego de Tronos	1967	214	1	05-SEP-23
Serie	Loki	1993	424	1	08-SEP-23
Serie	Lost	1966	151	1	02-NOV-22
Serie	Stranger Things	1977	225	1	18-JUL-21
Serie	The Office	1979	526	1	22-APR-22
Serie	WandaVision	1989	193	1	14-JUN-21
Pelicula	El caballero oscuro	1982	191	1	24-JUN-23
TIPO	TITULO	LAZAMIENTO	DURACION	DESCARGAS	ULT. DESC
Pelicula	El Padrino II	1987	195	1	14-AUG-22
Pelicula	Ciudadano Kane	1984	167	1	19-SEP-23
Pelicula	Casablanca	1964	174	1	06-MAR-23
Pelicula	Avatar	1976	161	1	16-FEB-22
Documental	Voyager in Space	1993	164	1	04-JUL-21
Documental	Tiny House Nation	1978	584	1	06-SEP-21
Documental	The Phenomenon	1974	344	1	15-MAY-22
Documental	The Cove	1990	552	1	17-JUL-21
Documental	Senna	1971	424	1	16-OCT-23
Documental	Searching for Sugar Man	1993	401	1	22-MAR-23
Documental	Icarus	1967	334	1	25-NOV-22
Documental	Blue Planet II:	1985	110	1	02-OCT-22
Serie	Westworld	1965	402	1	20-SEP-23
Documental	Amy	1962	373	1	14-JAN-21
Documental	Blackfish	1979	457	1	21-MAY-21

52 rows selected.

Reporte #8

```
SELECT name || ' ' || last_name "NOMBRE COMPLETO",
EXTRACT(YEAR FROM inclusion) Suscripcion,
SUM(repro) "PELICULAS REPRODUCIDAS",
SUM(downloads) "TOTAL DESC.",
last_movie_title "TITULO ULT. PELICULA.",
MAX(last_reproduction) "ULT. REPR."
FROM (
  SELECT c.id, c.name, c.last_name, c.inclusion,
  COUNT(DISTINCT CASE WHEN dm.client_id = c.id THEN dm.id END) downloads,
  COUNT(DISTINCT CASE WHEN rm.client_id = c.id THEN rm.id END) repro,
  MAX(rm.begin_date) last_reproduction
  FROM client c
  LEFT JOIN download_movie dm ON dm.client_id = c.id
  LEFT JOIN reproduction_movie rm ON rm.client_id = c.id
  GROUP BY c.id, c.name, c.last_name, c.inclusion
  UNION
  SELECT c.id, c.name, c.last_name, c.inclusion,
  COUNT(DISTINCT CASE WHEN ds.client_id = c.id THEN ds.id END) downloads, 0,
  MAX(rs.begin_date) last_reproduction
  FROM client c
  LEFT JOIN download_serie ds ON ds.client_id = c.id
  LEFT JOIN reproduction_serie rs ON rs.client_id = c.id
  GROUP BY c.id, c.name, c.last_name, c.inclusion
  UNION
  SELECT c.id, c.name, c.last_name, c.inclusion,
  COUNT(DISTINCT CASE WHEN dd.client_id = c.id THEN dd.id END) downloads, 0,
  MAX(rd.begin_date) last_reproduction
  FROM client c
  LEFT JOIN download_documentary dd ON dd.client_id = c.id
  LEFT JOIN reproduction_documentary rd ON rd.client_id = c.id
  GROUP BY c.id, c.name, c.last_name, c.inclusion
) t
LEFT JOIN (
  SELECT rm.client_id, m.title AS last_movie_title
  FROM reproduction_movie rm
```

```
INNER JOIN movie_language ml ON ml.id = rm.movie_language_id
INNER JOIN movie m ON m.id = ml.movie_id
WHERE rm.begin_date = (
    SELECT MAX(rm_inner.begin_date)
    FROM reproduction_movie rm_inner
    WHERE rm_inner.client_id = rm.client_id
)
) r ON r.client_id = t.id
GROUP BY name, last_name, EXTRACT(YEAR FROM inclusion), last_movie_title
ORDER BY last_name;
```

Resultado:

NOMBRE COMPLETO	SUSCRIPCION	PELICULAS REPRODUCIDAS	TOTAL DESC.	TITULO ULT. PELICULA.	ULT. REPR
Walter Abella	2013	1	1	Dr. No	12-NOV-23
Maricela Abril Millán Molins	2009	1	2	Indiana Jones: En busca del arca perdida	03-NOV-22
Nando Amo Pol	2014	1	2	La vida es bella	18-OCT-23
Teodosio Américo Trillo Neira	2012	1	2	El padrino	15-OCT-23
Dosir Antonio Carbajal Sierra	2014	2	3	Sinsajo - Parte 1	12-FEB-23
Plácido Asensio Arteaga	2011	0	2		10-APR-22
Alejandra Barrera Neira	2009	2	1	The Fast and the Furious	11-OCT-23
Paola Bartolomé Ferrer	2021	1	1	La vida es bella	16-DEC-22
Daviera Bermudez	2018	1	1	Titanic	01-MAR-23
Magdalena Bermúdez Prat	2016	2	3	Los juegos del hambre	18-JAN-23
Anna Bernal Jover	2017	2	1	Avengers: Endgame	25-JUL-23
Adelaida Borrás Rosado	2014	3	3	Jurassic Park	20-AUG-23
Modesto Botella Campo	2009	1	5	Avengers: Endgame	12-OCT-23
Miriam Briones Calvet	2011	1	1	Los juegos del hambre	17-NOV-23
Fabiola Bustamante Valbuena	2011	1	1	Goldfinger	12-DEC-21
Vidal Carbonell Almansa	2009	5	0	Goldfinger	21-DEC-23
Hügel Castellanos Heras	2010	0	3		21-NOV-23
Desfilis Castells Flor	2021	1	3	Goldfinger	19-NOV-23
Dulcín Cervantes	2019	0	2		08-MAR-23
Caridad Clemente Lara	2022	1	1	Avengers: Infinity War	07-NOV-23
Flavia Domínguez Martínez	2017	1	1	Goldfinger	22-SEP-23
Maricela Duque Pomares	2016	2	0	El Señor de los Anillos: Las dos torres	16-MAR-23
Celso Espalza Somoza	2020	1	1	The Lost World: Jurassic Park	03-JUN-21
Francisca Esther Solís Guzman	2015	2	0	Star Wars: Episodio IV	20-AUG-23
Armida Galiano Vázquez	2012	5	0	Thunderball	08-MAY-23
Vilma Galindo Riba	2019	2	1	Iron Man	04-SEP-22
Chus Gomez Martínez	2018	0	1		17-JUL-21
Haroldo Grande Ballesteros	2016	3	1	El Señor de los Anillos: La Comunidad del Anillo	20-AUG-23
Desfilis Leal Jaume	2015	3	2	La lista de Schindler	13-APR-23
Visitación Malena Cuervo Bravo	2022	1	0	El Señor de los Anillos: Las dos torres	13-SEP-23
Victor Manuel Urrutia-Baquero	2014	0	1		26-NOV-23
Haydée Martín Pou	2013	2	1	Iron Man	08-AUG-22
Dosir María Oller Carrera	2012	1	2	La Cámara Secreta	13-OCT-23
Reyes Matas Morales	2020	1	2	El Señor de los Anillos: El retorno del rey	08-MAR-23
Natalia Moles Pavón	2018	2	2	El Prisionero de Azkaban	13-MAR-23
Francisco Moreno Acedo	2012	2	1	Harry Potter	12-MAR-23
Abilio Nadal Contreras	2014	2	2	Dr. No	15-SEP-23
NOMBRE COMPLETO	SUSCRIPCION	PELICULAS REPRODUCIDAS	TOTAL DESC.	TITULO ULT. PELICULA.	ULT. REPR
Maxi Nerea Salas Morante	2011	3	0	La vida es bella	26-JUN-23
Sandra Plana Salazar	2019	1	3	Ciudadano Kane	12-OCT-23
Olegario Prieto-Quevedo	2019	1	3	La forma del agua	19-JUL-23
Dereñías Pérez-Vilalta	2020	2	0	Sinsajo - Parte 1	03-APR-23
Carlos Rey Martínez	2017	3	2	Fast and Furious 6	17-DEC-23
Pelayo Rovira Baeza	2018	1	1	The Lost World: Jurassic Park	09-AUG-23
Gerardo Salas Valenzuela	2016	3	0	Los juegos del hambre	07-DEC-23
Fulgencio Sebastián Santiago	2009	2	0	Titanic	25-DEC-23
Alejandra Susanita Franch Casal	2010	1	0	Casablanca	23-DEC-21
Candelaria Tamarit	2015	0	2		09-AUG-23
Porfirio de Calatayud	2013	3	2	Los juegos del hambre	10-SEP-23
Fátima de Company	2019	1	1	Ciudadano Kane	20-APR-23
María Hüngeles Bonilla-Rijo	2017	2	0	Pulp Fiction	02-SEP-23

50 rows selected.

Reporte #9

```
SELECT ROWNUM Top, r.* FROM (
  SELECT Titulo, Tipo, Reproducciones, Descargas, last_reproduction "ULT. REPR.", last_download "ULT. DESC." FROM (
    SELECT 'Pelicula' Tipo, m.title Titulo,
      COUNT(DISTINCT dm.id) Descargas,
      COUNT(DISTINCT rm.id) Reproducciones,
      MAX(rm.begin_date) last_reproduction,
      MAX(dm.begin_date) last_download,
      COUNT(DISTINCT dm.id) + COUNT(DISTINCT rm.id) Total
    FROM movie m
    LEFT JOIN movie_language ml ON ml.movie_id = m.id
    LEFT JOIN download_movie dm ON dm.movie_language_id = ml.id
    LEFT JOIN reproduction_movie rm ON rm.movie_language_id = ml.id
    HAVING COUNT(DISTINCT dm.id) > 0 OR COUNT(DISTINCT rm.id) > 0
    GROUP BY m.title
  )
  UNION
  SELECT 'Serie' Tipo, s.title Titulo,
    COUNT(DISTINCT ds.id) Descargas,
    COUNT(DISTINCT rs.id) Reproducciones,
    MAX(rs.begin_date) last_reproduction,
    MAX(ds.begin_date) last_download,
    COUNT(DISTINCT ds.id) + COUNT(DISTINCT rs.id) Total
  FROM serie s
  LEFT JOIN serie_language sl ON sl.serie_id = s.id
  LEFT JOIN download_serie ds ON ds.serie_language_id = sl.id
  LEFT JOIN reproduction_serie rs ON rs.serie_language_id = sl.id
  HAVING COUNT(DISTINCT ds.id) > 0 OR COUNT(DISTINCT rs.id) > 0
  GROUP BY s.title
  UNION
  SELECT 'Documental' Tipo, d.title Titulo,
    COUNT(DISTINCT dd.id) Descargas,
    COUNT(DISTINCT rd.id) Reproducciones,
    MAX(rd.begin_date) last_reproduction,
    MAX(dd.begin_date) last_download,
    COUNT(DISTINCT dd.id) + COUNT(DISTINCT rd.id) Total
  FROM documentary d
```

```

LEFT JOIN documentary_language dl ON dl.documentary_id = d.id
LEFT JOIN download_documentary dd ON dd.documentary_language_id = dl.id
LEFT JOIN reproduction_documentary rd ON rd.documentary_language_id = dl.id
GROUP BY d.title
)
ORDER BY Total DESC
) r
WHERE ROWNUM <= 10;

```

Resultado:

TOP	TITULO	TIPO	REPRODUCCIONES	DESCARGAS	ULT. REPR	ULT. DESC
1	Dr. No	Pelicula	5	2	15-OCT-23	11-JUN-22
2	Iron Man	Pelicula	5	2	19-JUN-23	04-NOV-23
3	The Cove	Documental	5	1	01-JUN-23	17-JUL-21
4	Titanic	Pelicula	3	3	25-DEC-23	10-JAN-23
5	Los juegos del hambre	Pelicula	5	1	21-JAN-23	01-MAR-22
6	La vida es bella	Pelicula	4	2	26-JUN-23	26-OCT-22
7	Tiny House Nation	Documental	4	1	10-AUG-23	06-SEP-21
8	Goldfinger	Pelicula	5	0	21-DEC-23	
9	Ciudadano Kane	Pelicula	4	1	12-OCT-23	19-SEP-23
10	Avengers: Endgame	Pelicula	2	3	25-JUL-23	19-NOV-23

10 rows selected.

Reporte #10

```
SELECT g.name Genero,
COUNT(DISTINCT m.id) Peliculas,
COUNT(DISTINCT s.id) Series,
EXTRACT(YEAR FROM MIN(m.year)) "PRIMER PELICULA",
EXTRACT(YEAR FROM MIN(s.begin_date)) "PRIMER SERIE"
FROM genre g
LEFT JOIN movie_genre mg ON mg.genre_id = g.id
LEFT JOIN movie m ON m.id = mg.movie_id
LEFT JOIN serie_genre sg ON sg.genre_id = g.id
LEFT JOIN serie s ON s.id = sg.serie_id
GROUP BY g.name
ORDER BY MIN(m.year) ASC;
```

Resultado:

GENERO	PELICULAS	SERIES	PRIMER PELICULA	PRIMER SERIE
Comedia	21	20	1962	1962
Naturaleza	7	19	1962	1965
Ciencia ficci n	11	14	1962	1965
Ciencia	16	10	1962	1966
Crimen	17	16	1963	1962
Drama	16	12	1963	1965
Biograf ia	10	17	1963	1963
Aventura	12	9	1963	1963
Romance	16	5	1964	1966
Terror	13	14	1967	1962
Acci n	7	11	1969	1967
Historia	14	13	1970	1962

12 rows selected.