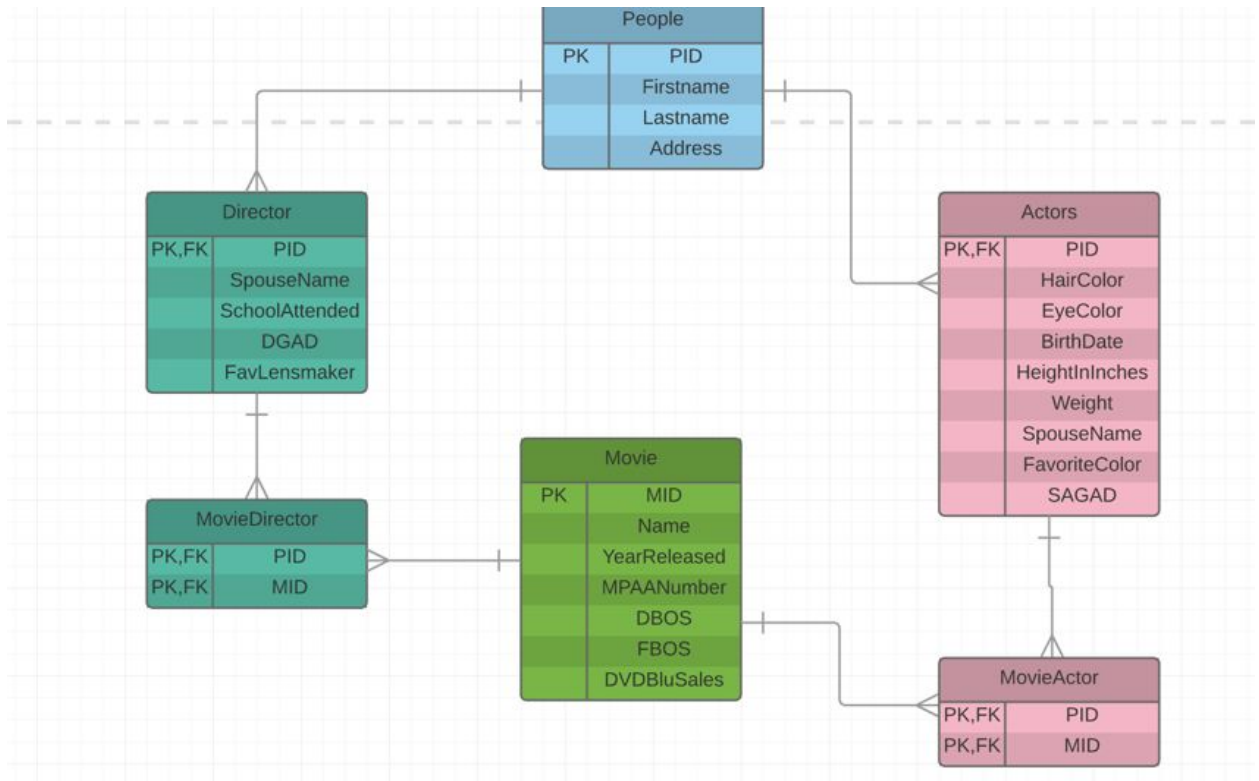


1. E-R Diagram



2. SQL Statements

- PEOPLE TABLE

- CREATE TABLE people(
 - PID integer not null,
 - FirstName varchar(40) not null,
 - LastName varchar(40) not null,
 - Address varchar(90),
 - Primary Key (pid)
 -);

- ACTOR TABLE

- CREATE TABLE Actors(
 - PID integer references People(pid) not null,
 - HairColor char(30),
 - EyeColor char(30),
 - BirthDate date,
 - HeightInInches integer,

- Weight integer,
- SpouseName char(30)
- FavoriteColor char(30)
- SAGAD date,
- Primary Key (pid)
-);

- **DIRECTOR TABLE**

- Create Table Director(
 - PID integer references People(pid) not null,
 - Spousename char(30),
 - SchoolAttended varchar(100),
 - DGAD date,
 - FavLensmaker char(30),
 - Primary Key(pid)
 -);

- **Movie Table**

- Create Table Movie(
 - MID integer not null,
 - name char(30) not null,
 - YearReleased char(4),
 - MPAANumber char(10),
 - DBOS integer,
 - FBOS integer,
 - DVDBBlueSales integer,
 - Primary Key(mid)
 -);

- **Movie Director Table**

- Create Table MovieDirector(
 - PID integer references People(pid) not null,
 - MID integer references Movie(mid) not null,
 - Primary Key(PID,MID)
 -);

- **Actor Director Table**

- Create Table MovieActor(
 - PID integer references People(pid) not null,
 - MID integer references Movie(mid) not null,
 - Primary Key(PID,MID)
 -);

3. Functional Dependencies

- **(People)**
 - PID -> Firstname
 - PID -> Lastname
 - PID -> Address

- **(Movies)**
 - MID -> name
 - MID -> YearReleased
 - MID -> MPAA Number
 - MID -> DBOS
 - MID -> FBOS
 - MID -> DVDBluSales

- **(Actors)**
 - PID -> HairColor
 - PID -> Eyecolor
 - PID -> BirthDate
 - PID -> HeightInInches
 - PID -> Weight
 - PID -> SpouseName
 - PID -> FavoriteColor
 - PID -> SAGAD

- **(MovieActors)**
 - PID ->
 - MID ->

- **(MovieDirectors)**
 - PID ->
 - MID ->

4. Query For Sean Connery

- Select p.firstname, p.lastname
- FROM people p, director d
- WHERE p.pid = (
 - Select d.pid
 - From moviedirector m
 - Where m.pid = (
 - (Select a.pid
 - From actor a, people p
 - WHERE a.pid = p.pid
 - AND p.firstname = "Sean"

- AND p.lastname = "Connery")));