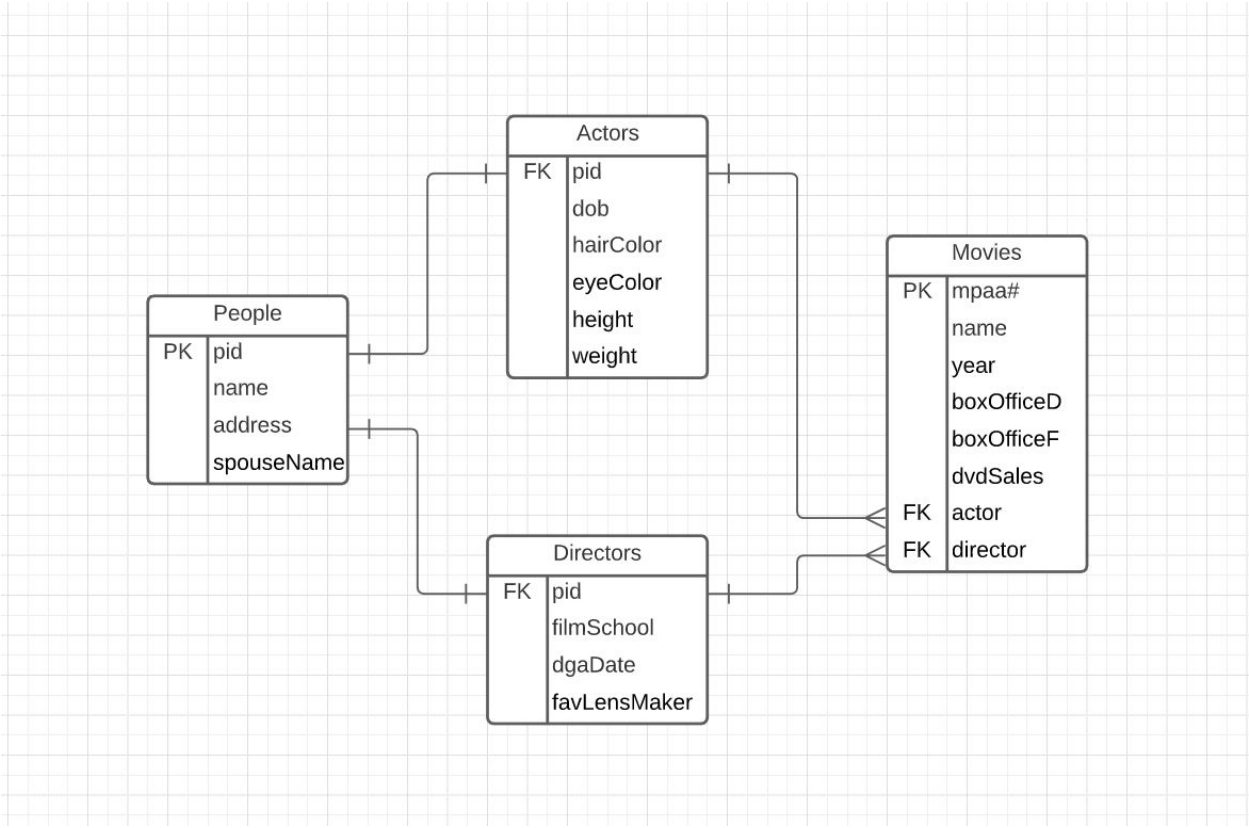
1.



2.

```
create table Movies (
        mpaa int not null primary key,
        name varchar(255),
        boxOfficeD int,
        boxOfficeF int,
        dvdSales int,
        director int,
        actor int,
        foreign key (director) references Directors(pid),
        foreign key (actor) references Actors(pid)
);


create table Directors (
        pid int not null unique,
        filmSchool varchar(255),
        dgaDate date,
        favLensMaker varchar(255),
        foreign key (pid) references People(pid)
```

```
);

create table Actors (
        pid int not null unique,
        dob date,
        hairColor varchar(255),
        eyeColor varchar(255),
        height int,
        weight int,
        favColor varchar(255),
        sagaDate date,
        foreign key (pid) references People(pid)
);

create table People (
        pid int not null primary key,
        name varchar(255),
        address varchar(255),
        spouseName varChar(255)
);
```

3. Data from the Actors and Directors tables are functionally dependent on the artificial primary key of the People table, pid. Movies are dependent on the MPAA number as the primary key, with actors' and directors' pids as foreign keys.

4. .

```
select * from directors
where pid in (select director
                from movies
                where actor in (select pid
                                from People
                                where name = “Roger Moore”));
```