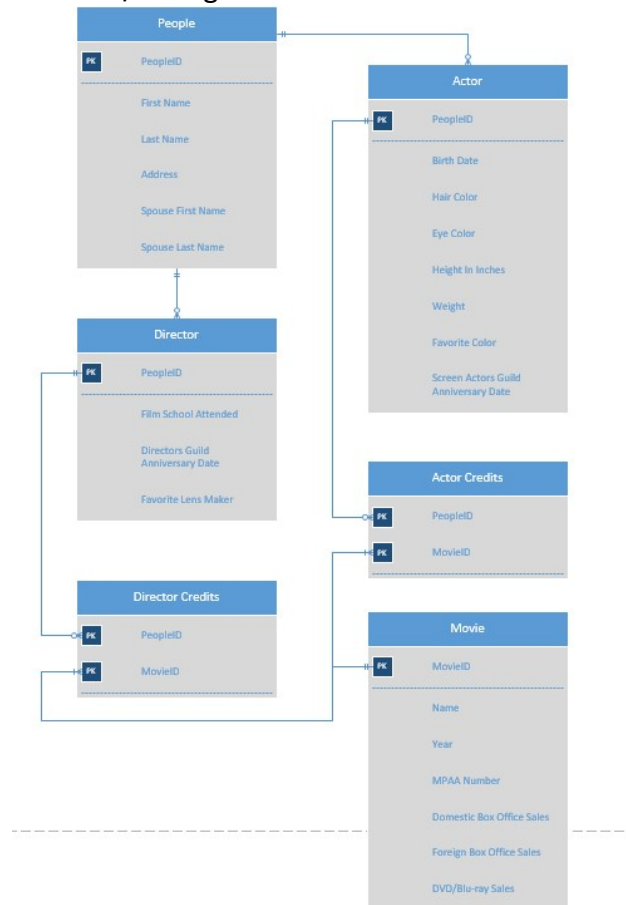


1. E/R Diagram



2. SQL Create Statements

Drop table if exists director_creds;

Drop table if exists actor_creds;

Drop table if exists directors;

Drop table if exists actors;

Drop table if exists movies;

Drop table if exists people;

```

create table people(
  peopleID      int      primary key,
  fName         text      Not null,
  lName         text      not null,
  spouseFName   text,
  spouseLName   Text,
  address       text      not null
);
  
```

```

create table directors(
  peopleID      int    primary key references people(peopleID),
  filmSchool    text,
  directorsGuildDate  date,
  favoriteLensMaker  text
);

```

```

create table actors(
  peopleID      int    Primary key references people(peopleID),
  birthDate     DATE   not null,
  hairColor     Text   not null,
  heightInches  int    not null,
  weight        int    not null,
  favoriteColor text,
  sagAnnivDate  date
);

```

```

create table movies(
  movieID      int    primary key,
  name         text   not null,
  year         int    not null,
  mpaaRating   text   not null,
  domesticBoxSalesUSD  int,
  foreignBoxSalesUSD  int,
  dvdBlueRaySalesUSD  int
);

```

```

create table actorCredits(
  peopleID      int    references actors(peopleID),
  movieID       int    references movies(movieID),
  primary key(peopleID, movieID)
);

```

```

create table directorCredits(
  peopleID      int    references directors(peopleID),
  movieID       int    references movies(movieID),
  primary key(peopleID, movieID)
);

```

3. Functional Dependencies

- a. PeopleID → First Name, Last Name, Address, Spouse First Name, Spouse Last Name
- b. PeopleID → Film School Attended, Director Guild Anniversary Date, Favorite Lens Maker

- [illegible]