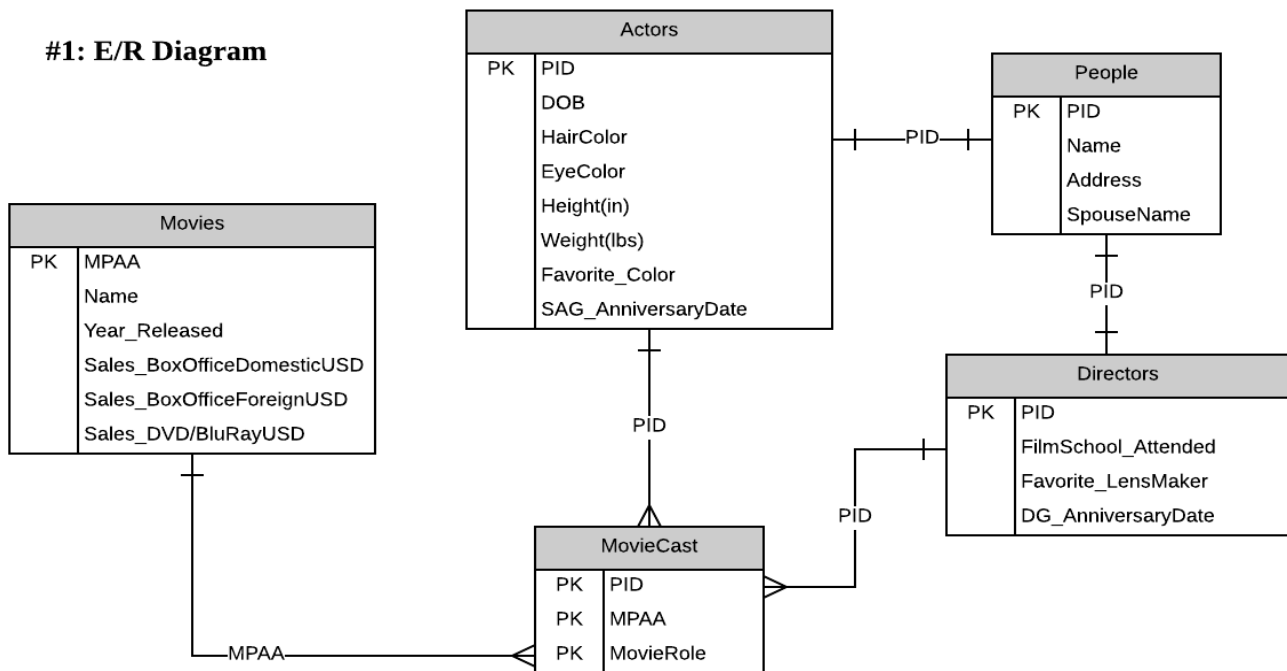


#1: E/R Diagram



2: SQL CREATE STATEMENTS FOR EACH TABLE

```

DROP TABLE IF EXISTS MovieCast;
DROP TABLE IF EXISTS Directors;
DROP TABLE IF EXISTS Actors;
DROP TABLE IF EXISTS People;
DROP TABLE IF EXISTS Movies;
    
```

```

CREATE TABLE People (
    PID char(5) NOT NULL,
    Name text NOT NULL,
    Address text,
    SpouseName text,
    PRIMARY KEY (PID)
);
    
```

```

CREATE TABLE Actors (
    PID char(5) NOT NULL references People(PID),
    DOB date,
    HairColor text,
    EyeColor text,
    HeightIN numeric(5,2),
    WeightLBS numeric(5,2),
    Favorite_Color text,
    
```

```
SAG_AnniversaryDate date,  
PRIMARY KEY (PID)  
);  
  
CREATE TABLE Movies (  
    MPAA int NOT NULL,  
    Name text,  
    Year_Released int,  
    Sales_BoxOfficeDomesticUSD text,  
    Sales_BoxOfficeForeignUSD text,  
    Sales_DVD_BluRayUSD text,  
    PRIMARY KEY (MPAA)  
);  
  
CREATE TABLE MovieCast (  
    PID char(5) NOT NULL references People(PID),  
    MovieRole text NOT NULL,  
    MPAA int references Movies(MPAA),  
    PRIMARY KEY (PID, MovieRole, MPAA)  
);  
  
CREATE TABLE Directors (  
    PID char(5) NOT NULL references People(PID),  
    FilmSchool_Attended text,  
    Favorite_LensMaker text,  
    DG_AnniversaryDate text,  
    PRIMARY KEY (PID)  
);
```

3. FUNCTIONAL DEPENDENCIES FOR EACH TABLE

People: PID → Name, Address, SpouseName

Actors: PID → DOB, HairColor, EyeColor, HeightIN, WeightLBS, Favorite_Color,
SAG_AnniversayDate

Movies: MPAA → Name, Year_Released, Sales_BoxOfficeDomesticUSD,
Sales_BoxOfficeForeignUSD, Sales_DVD_BluRayUSD,

MovieCast: PID, MovieRole, MPAA →

Directors: PID → FilmSchool_Attended, Favorite_LensMaker, DG_AnninersaryDate

[illegible]