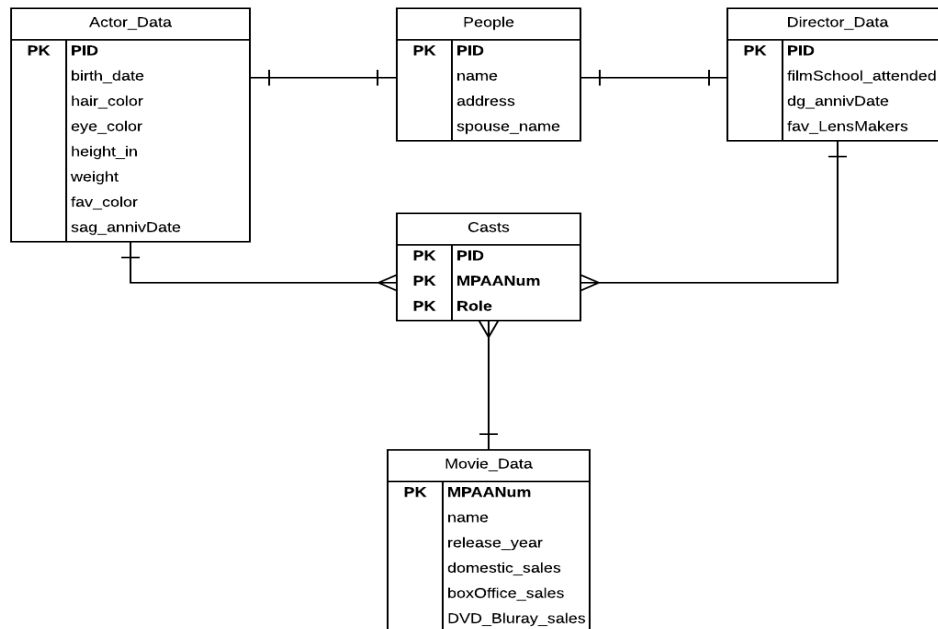


Andrew Arrigo

3/26/17

1. E/R Diagram:



2. Functional Dependencies:

People: PID → name, address, spouse_name

Casts: PID, MPAANum, Role →

Actor_Data: PID → birth_date, hair_color, eye_color, height_in, weight, fav_color, sag_annivDate

Director_Data: PID → filmSchool_attended, dg_annivDate, fav_LensMakers

Movie_Data: MPAANum → name, release_year, domestic_sales, boxOffice_sales, DVD_Bluray_sales

3. SELECT p.name

FROM people p join casts c on p.pid = c.pid

WHERE c.role = 'Director_Data'

AND c.MPAANum in (SELECT c.MPAANum

FROM casts c inner join people p on p.pid = c.pid

WHERE p.name = 'Sean Connery'

)

;