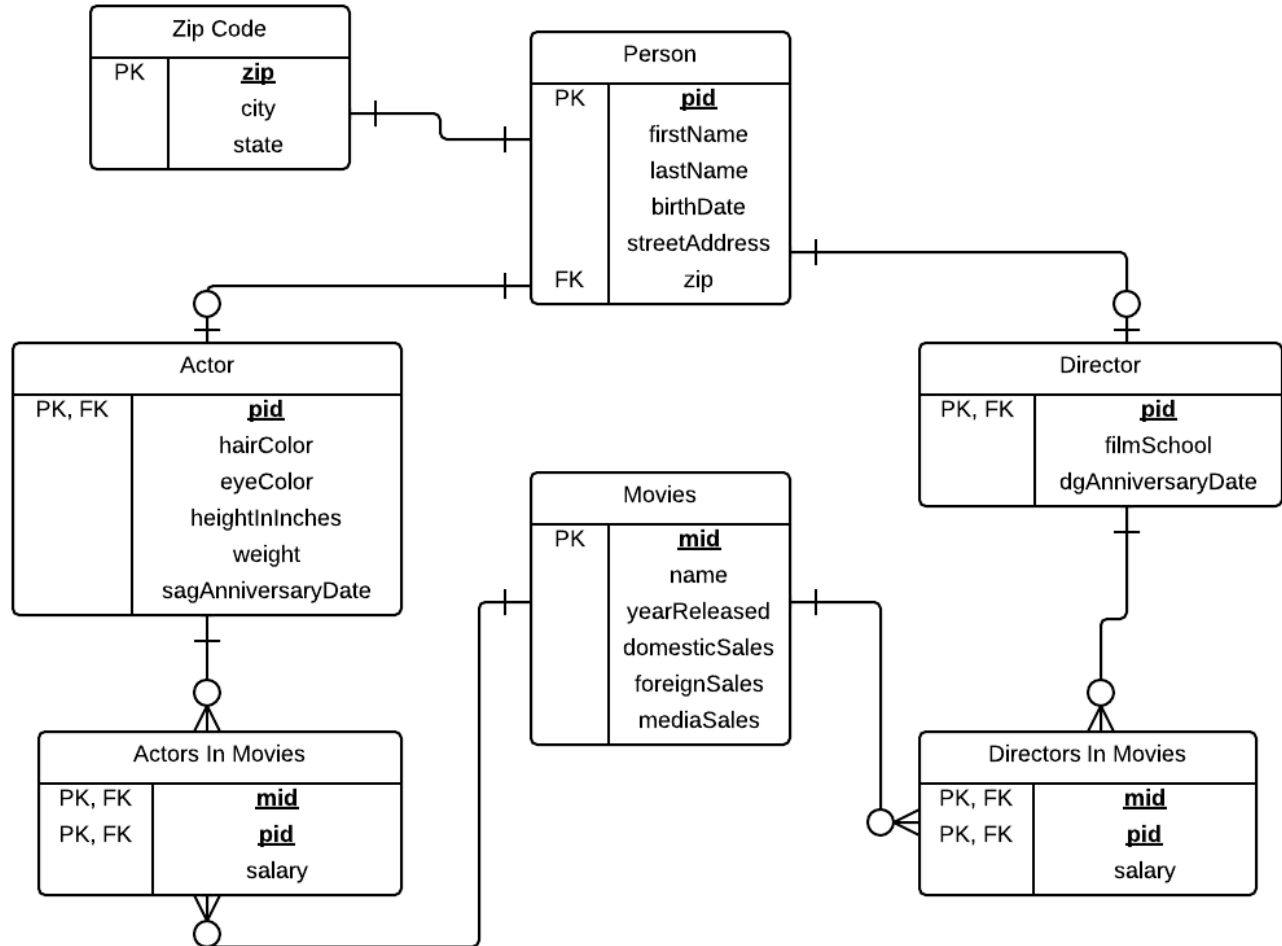


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## Lab 8: Normalization Two

1. ER-Diagram for the constructed Movie database:



4. Functional dependencies for each relation:

## Person

pid → firstName, lastName, birthDate, streetAddress, zip

## Zip

zip  $\rightarrow$  city, state

## Actor

pid → hairColor, eyeColor, heightInInches, weight, sagAnniversaryDate

## Director

pid → filmSchool, dgAnniversaryDate

## Movies

mid → name, yearReleased, domesticSales, foreignSales, mediaSales

## ActorsInMovies

mid pid  $\rightarrow$  salary

## DirectorsInMovies

mid pid  $\rightarrow$  salary

### 5. SQL Query:

[illegible]