

Catherine Onumajuru

1NF

Movies Table
Movie ID Number (PK)
Movie Title
Movie Genre
Movie Length
Production Company Name
Production Company Address
Production Company Phone No.
Production Company Website
Actor/Actress 1 First Name
Actor/Actress 1 Last Name
Actor/Actress 1 Role
Actor/Actress 2 First Name
Actor/Actress 2 Last Name
Actor/Actress 2 Role
Actor/Actress 3 First Name
Actor/Actress 3 Last Name
Actor/Actress 3 Role
Showing at Theater 1 Name
Theater 1 Address
Theater 1 Phone Number
Showing at Theater 2 Name
Theater 2 Address
Theater 2 Phone Number
Showing at Theater 3 Name
Theater 3 Address
Theater 3 Phone Number

Actors Table
Actor ID (CPK)
Movie ID (CPK)
Actor/Actress First Name
Actor/Actress Last Name
Actor/Actress Role

Theatre Table
Movie ID (CPK)
Theatre ID (CPK)
Showing at Theatre Name
Theatre Address
Theatre Phone Number

The repeating fields
have been separated
into two tables and
given identifiers

2NF

Actors-Movies – Join Table
Actor ID (CPK)
Movie ID (CPK)

No fields
depend on
both keys

Theatres-Movies – Join Table
Movie ID (CPK)
Theatre ID (CPK)

Movies Table
Movie ID (PK)
Movie Title
Movie Genre
Movie Length
Production Company Name
Production Company Address
Production Company Phone No.
Production Company Website

Not a
part of
2NF

Actors Table
Actor ID (PK)
Actor/Actress First Name
Actor/Actress Last Name
Actor/Actress Role

These fields
depend only on
one primary key

Theatres Table
Theatre ID (PK)
Showing at Theatre Name
Theatre Address
Theatre Phone Number

3NF

