1. Artists, albums, tracks, genres.

Movies/videos,(attributes: role actors, genres, content rating.)

Physical copies(attributes: location.) digital copies(attributes: licenses)

1. Artists author albums. Albums contains track. Tracks have genres.

Role actors act Movies/videos. Movies/videos have genres and content rating.

Albums and videos have digital copies or physical copies

1. music and movie company(attributes: average rating of their products, sales history of products)

Coupon(promo code, referral)

Because stakeholders want to know if the music or movies will be popular. The inventory has limit, they want to choose the products that can make most profit. For coupons, it can increase sales and stakeholders want to know how customers know their companies. It’s important for their marketing.

4.

Employee

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Fname | Lname | Ssn | Address | department | manager | Employee id |  |

Artists

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Fname | Lname | Style | Sex | age |  |  |

Movies

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Role actors | Genres | Rating | duration | Show time |  |

Music and movie company

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Average rating of products | Sales history of products |  |  |  |

5.

Just add a new artist in the artist entity.

It’s possible, because artist and album are both entities. Album is not an attribute of artist

6.

Update the locations of a physical album if it’s shipped to another store.

Update the average rating of a company’s music or movie if a new one is released.