**trend\_category:**

**Purpose:** This table serves as a bridge between the trend and category tables. It associates trends with their corresponding categories.

**Relevance to Fashion Analysis**: Useful for categorizing trends into specific fashion categories (e.g., "Spring Floral" trend belongs to the "Floral" category). It helps in organizing and filtering trends based on their fashion styles.

**Necessity:** This table is necessary if you want to categorize trends into specific fashion categories. It's useful for organizing and filtering trends based on their styles and categories. If you don't need to categorize trends, you can omit this table.

**designer\_product:**

**Purpose:** This table acts as a bridge between the designer and product tables, linking designers to the products they have created or are associated with.

**Relevance to Fashion Analysis:** Essential for tracking which designer is responsible for each product. It helps in analysing a designer's product portfolio and associating products with their creators.

**Necessity:** This table is necessary if you want to track the association between designers and products. If your application doesn't require associating designers with products, you can omit this table.

**category\_popularity:**

**Purpose:** This table records the popularity scores of fashion categories during different seasons. It associates popularity scores with specific categories for various seasons.

**Relevance to Fashion Analysis:** Useful for analysing the popularity of different fashion categories over time. It can help identify trends in category preferences during specific seasons.

**Necessity:** This table is not always necessary. It depends on whether you need to analyse and track the popularity of fashion categories during different seasons. If category popularity analysis is not a focus of your application, you can omit this table.

**trend\_interactions:**

**Purpose:** This table captures user interactions with fashion trends. It records details such as which user interacted with a trend, the type of interaction (e.g., "like" or "comment"), and the timestamp.

**Relevance to Fashion Analysis:** Critical for understanding user engagement with trends. It allows you to analyse which trends are more popular among users based on interactions.

**Necessity:** This table is necessary if you want to track user interactions with fashion trends, such as likes and comments. If you don't need to analyse user engagement with trends, you can omit this table.

**product\_popularity:**

**Purpose:** This table tracks the popularity scores of products associated with specific trends. It associates popularity scores with both products and trends.

**Relevance to Fashion Analysis: Important** for evaluating the popularity of products within the context of trends. It helps identify which products are trending or attracting more attention.

**Necessity:** This table is necessary if you want to evaluate the popularity of individual products within the context of trends. If you don't need to track product popularity, you can omit this table.

**trend\_popularity:**

**Purpose:** Similar to product\_popularity, this table records the popularity scores of individual trends.

**Relevance to Fashion Analysis:** Useful for ranking and analyzing trends based on their popularity scores. It can help identify trending fashion trends in your analysis.

**Necessity:** This table is necessary if you want to rank and analyze trends based on their popularity scores. If you don't need to perform trend popularity analysis, you can omit this table.