Assignment 1: Data Warehouse

Consider the following Kaggle Datasets:

Anime recommendation dataset
URL : https://www.kaggle.com/datasets/CooperUnion/anime-recommendations-database
This data set contains information on user preference data from 73,516 users on 12,294 anime. Each user is able to add anime to their completed list and give it a rating and this data set is a compilation of those ratings.

1. Design a star schema for a database of your choice. We stated four datasets above, however, you are free to choose any other dataset other than the "Sales dataset" studied in lectures. Try to find challenges or questions to be asked when dealing with the chosen dataset. For example, if we consider the Premier league dataset, we might need an answer for the following questions:
   - **Discover the weak points** of any team.
   - **Suggest players need to be sold,** based on performance analysis.
   - Nominate **Player of the season**

2. Define dimensions, fact table(s) you will include in your star of snowflake schema. Minimum number of dimensions are 3 and number of measures are 2.

3. Consider data are being provided every day to the system administrator in CSV file (the one from Kaggle dataset). Design SQL stored procedure or SQL statement to load your data from CSV file and sends an email for a predefined email (system administrator) with the loading process result (Success or Failure).

4. Design SQL Job to run your “SQL stored procedure or SQL statement” everyday at a predefined time