**Project Analysis:**

This project will analyze Billboard Hot Weekly Charts & List of popular Christmas singles in the United States to predict the Top 10 Christmas Songs in the United States. Data from two sources was combined to generate this dataset, which includes data from the Billboard Top 100 chart from 1958 to 2017 as well as a list of the most popular Christmas songs on Wikipedia.

**Data Analysis:**

The first step of our ETL process was to extract the original CSV files from Kaggle,import the CSV files into a jupyter notebook and create two separate data frames using Pandas. This is crucial for any future cleaning or analysis.

The second step of our ETL process was to transform our data into a clean and best organized form. This involves renaming columns, sorting values in several columns, and dropping any unnecessary rows we do not foresee using in our analysis (repeats, NA, etc.).

After transforming the first data frame, we were able to create a table with the most popular Christmas Carols on the Top 100 Billboard. "Jingle bell rock" is the Christmas song that has appeared in the top 100 of the Billboard charts the most times - 28 times! The second song is "All I want for Christmas is you," which has been in the top 20 for 20 weeks. Old songs (such as "White Christmas") and new songs (such as Mistletoe) are both included in popular songs.

**Conclusion:**

Our analysis showed Christmas Carols was most popular in the 60’s, Christmas Carols in the years 1958-2017 were never in the top 6 songs on the Top 100 Billboard, and there is a big variety in the most popular Christmas Carol every year.