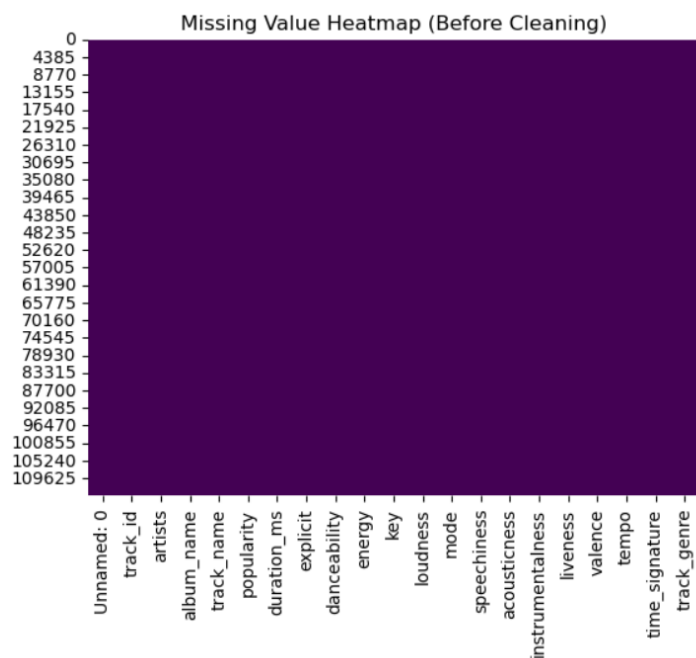
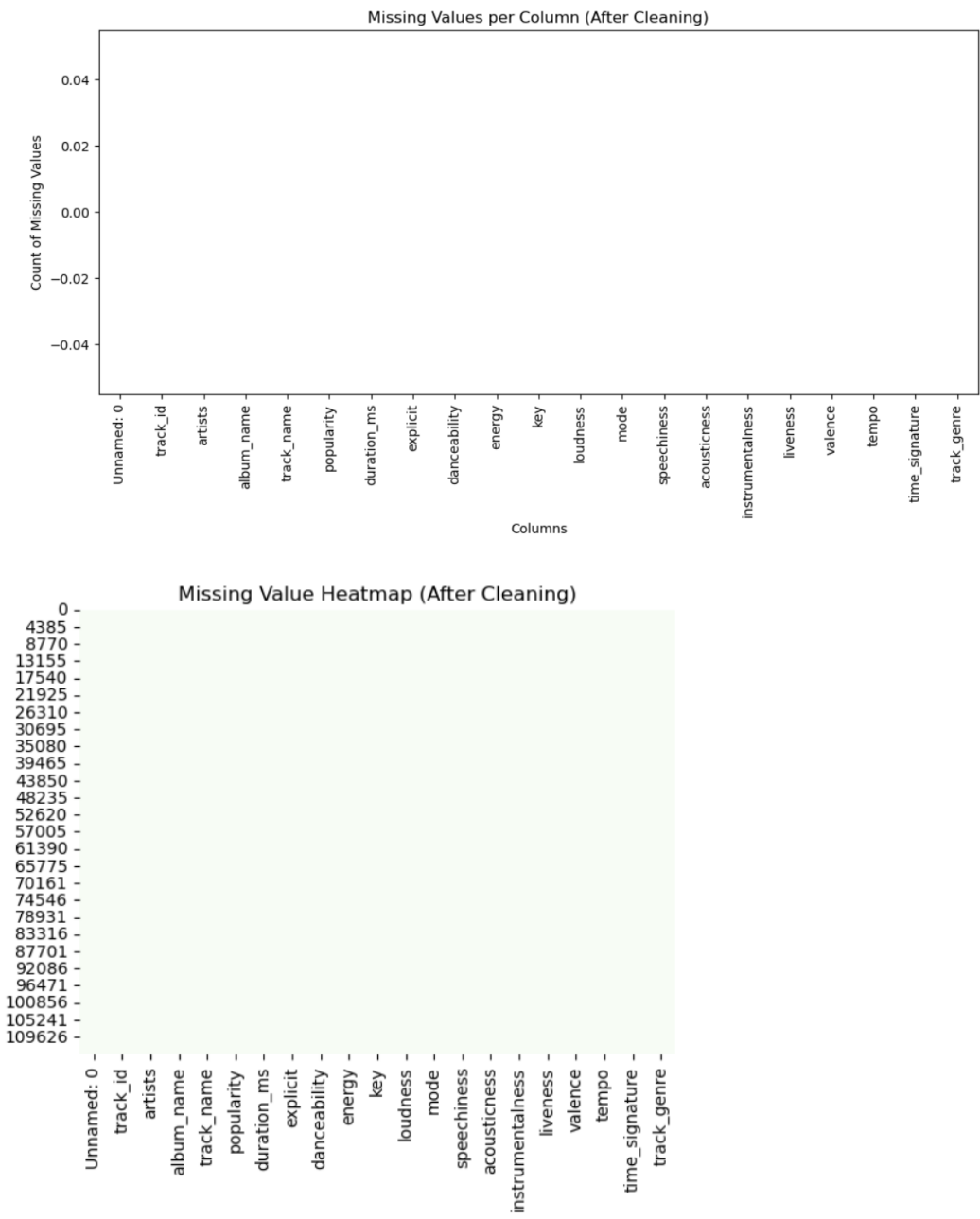


Topic - Predicting Music Genre from Audio Features

- ### Step 3: Visualize Missing Values (Before Handling)

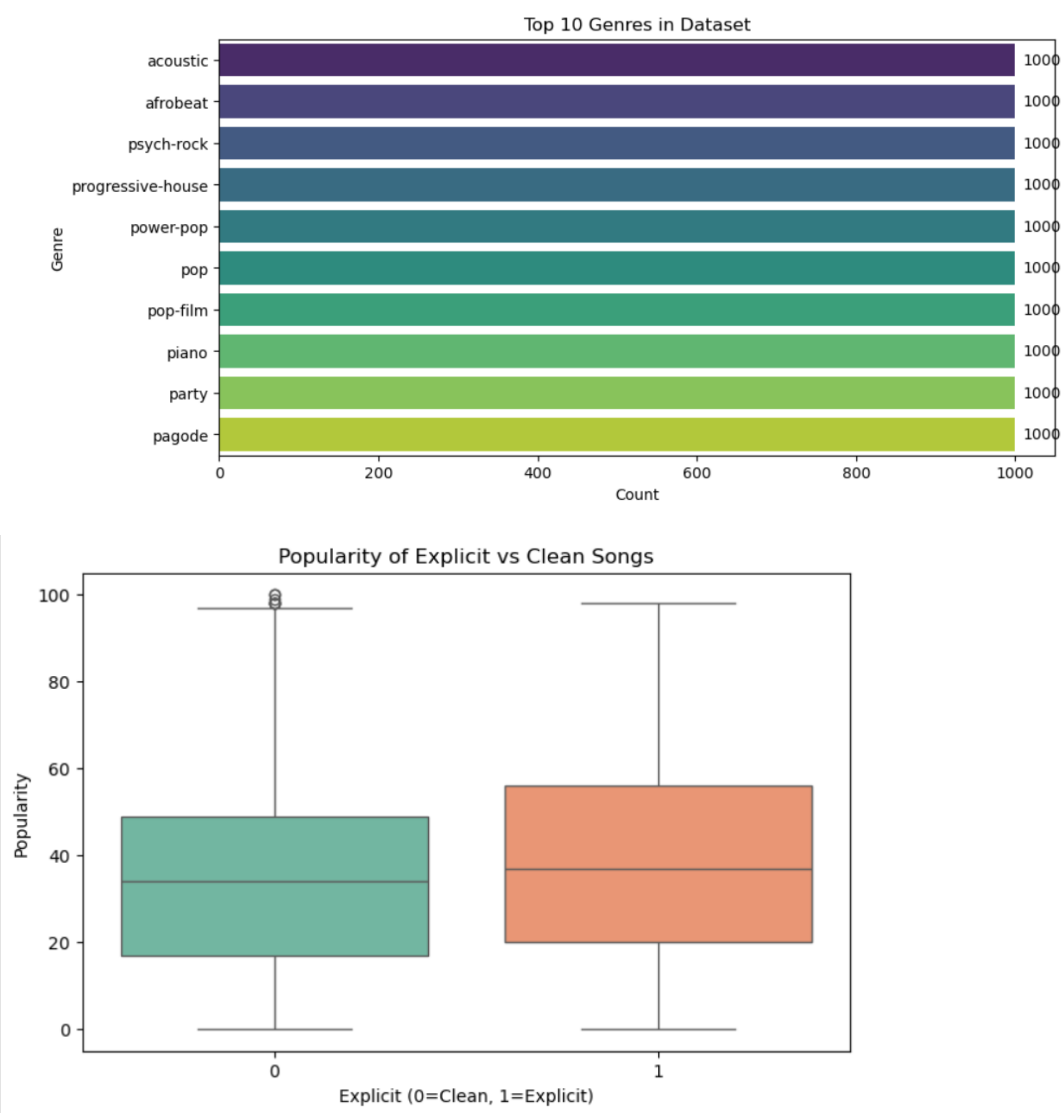


Step 6: Visualize Missing Values (After Handling)



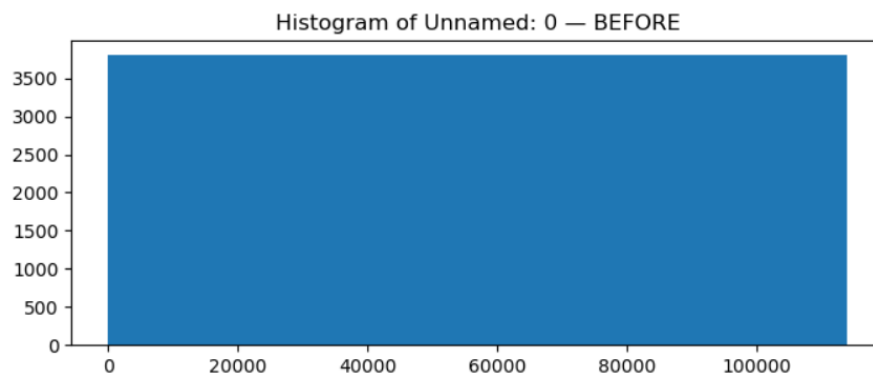
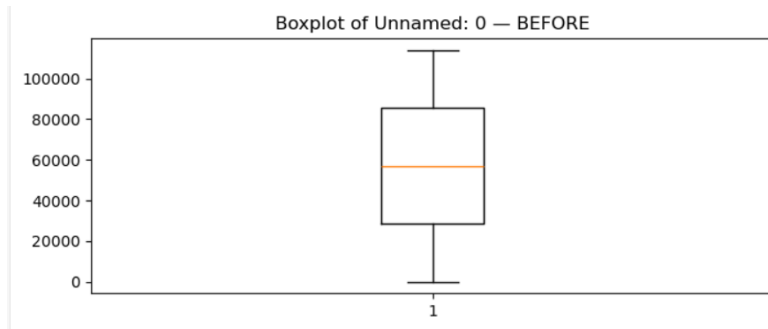
• IT24100569_Encoding_categorical_variables - Member 02

Step 3: Exploratory Data Analysis (EDA)

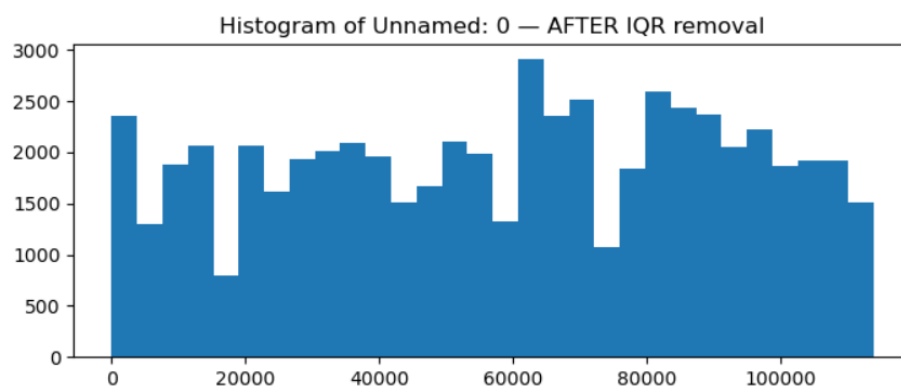
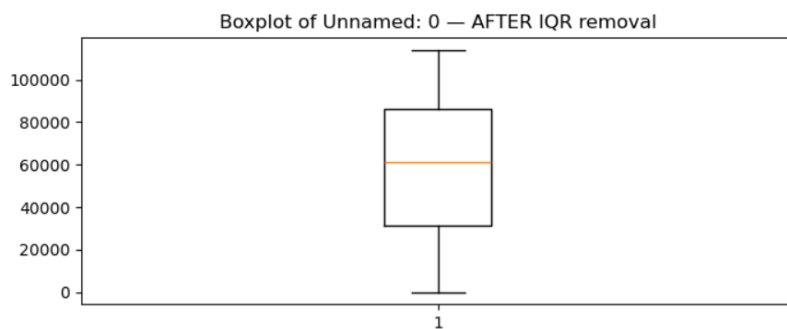


- IT24100279_OutlierRemoval - Member 03

Step 3: Visualize first numeric column before cleaning



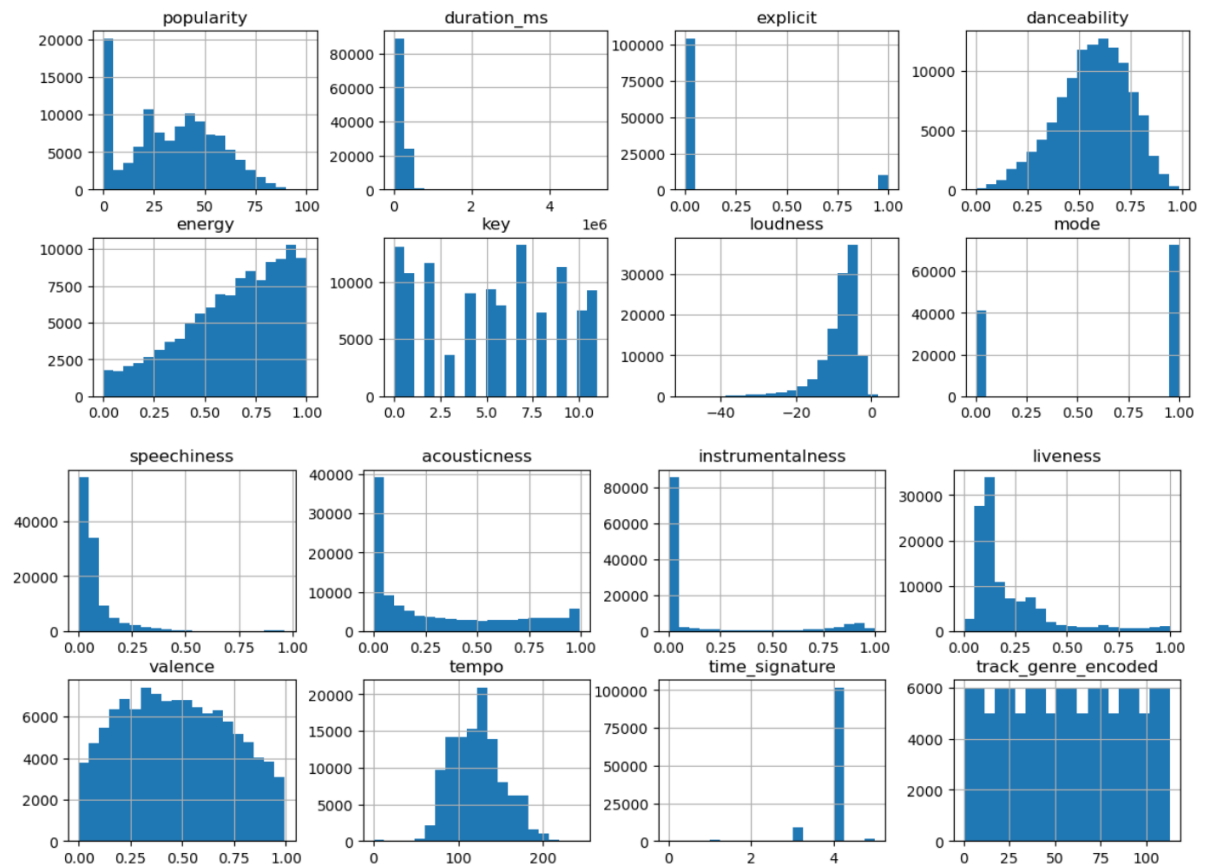
Step 6: Visualize same column after cleaning



- IT24100252_Preprocessing_normalizationAndScaling - Member 04

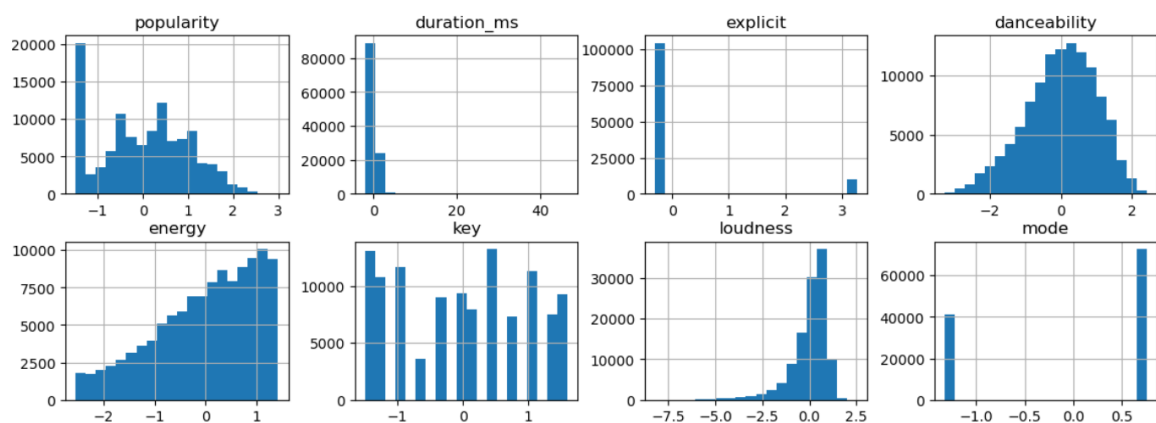
Step 2: Plot Numeric Features Before Scaling

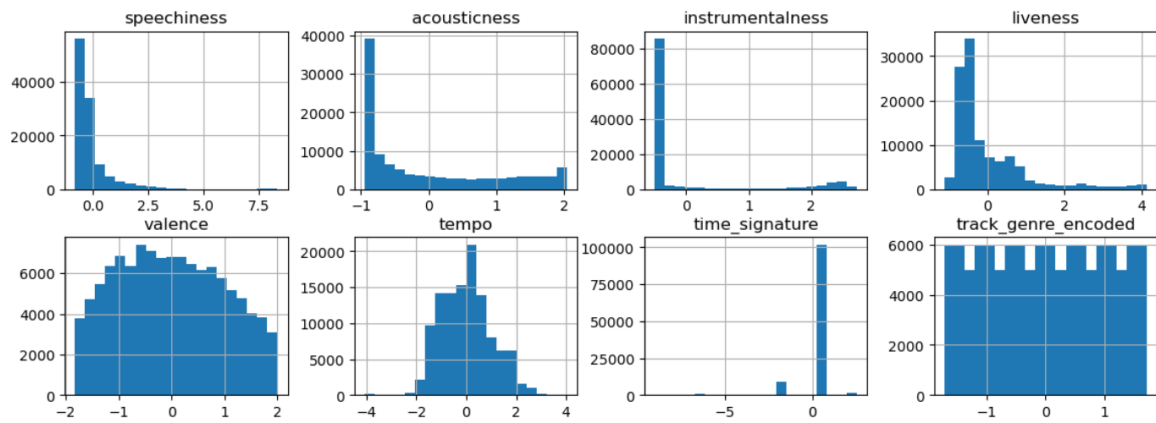
Before Scaling



Step 3: Apply Standard Scaling

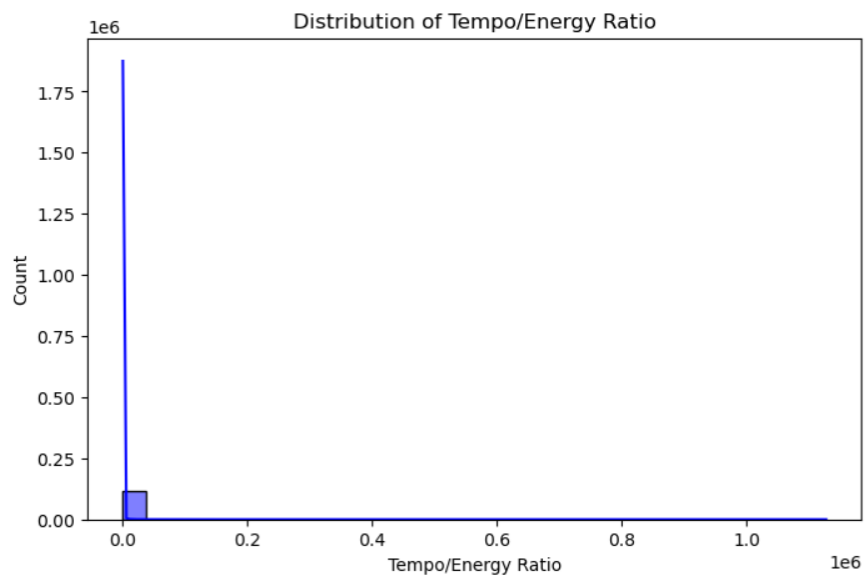
After Standard Scaling





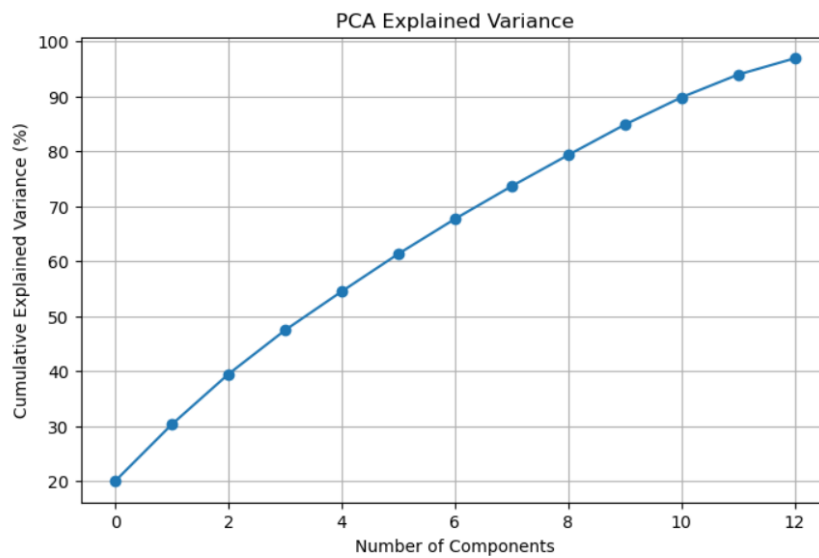
- IT24100664_Feature_Engineering - Member 05

Step 5: Visualization - Histogram of Tempo/Energy Ratio



- IT24100567_Dimensionality_Reduction - Member 06

Step 4: Explained Variance Plot



Step 5: 2D PCA Scatterplot

