Data Transformation Report

# 1. Missing Data Imputation:

Missing values were imputed using the SimpleImputer with mean strategy.

# 2. Label Encoding for Categorical Columns:

Label Encoding was applied to categorical variables.

# 3. Feature Normalization:

Normalization was applied to numerical features.

# Transformed Data Preview:

Car ID Brand Year Engine Size ... Mileage Condition Price Model  
0 0.000008 5 0.017100 0.000020 ... 0.974036 1 0.225746 19  
1 0.000014 1 0.014018 0.000031 ... 0.994688 2 0.101974 1  
2 0.000016 0 0.010767 0.000024 ... 0.971329 1 0.237496 3  
3 0.000036 5 0.018220 0.000037 ... 0.622282 1 0.782581 20  
4 0.000021 2 0.008555 0.000011 ... 0.949614 0 0.313305 21  
  
[5 rows x 10 columns]