

```
/* Load the dataset */
data hybriddb;
    set WORK.IMPORT1;
    rename "Average Fuel Efficiency"N = avg_fuel_efficiency
           "Vehicle Class"N = vehicle_class;
run;

/* Convert vehicle_class to numeric (example conversion) */
data hybriddb;
    set hybriddb;
    if vehicle_class = 'Compact Sedan' then vehicle_class_numeric = 1;
    else if vehicle_class = 'Intermediate Sedan' then vehicle_class_numeric = 2;
    else if vehicle_class = 'Sport Utility Compact' then vehicle_class_numeric = 3;
    else if vehicle_class = 'Sport Utility Emergency Services Law Enforcement' then vehicle_class_numeric = 4;
run;

/* Clean the dataset: Handle missing values */
proc sql;
    delete from hybriddb
    where avg_fuel_efficiency is missing
    or vehicle_class_numeric is missing;
quit;

/* Perform ANOVA to test the hypothesis */
proc anova data=hybriddb;
    class vehicle_class_numeric;
    model avg_fuel_efficiency = vehicle_class_numeric;
run;
quit;

/* Perform Correlation Analysis for Hypothesis 3 */
proc corr data=hybriddb;
    var avg_fuel_efficiency vehicle_class_numeric;
run;
```