1. The attributes of the FuelConsumption dataset are as follows:

# Input variables:

distance speed temp\_outside

gas\_type - (0 - Petrol, 1 - Diesel)

rain (0 - no, 1 - yes)

sun (0- no, 1 - yes)

# Target Dependent variable :

Consume : Fuel Consumption

1. Tested a Linear regression on the dataset by exploring the relationship of consume variable (fuel consumption) with all the other variables in the dataset. Performed random sampling to split the dataset into 80% for Training set and 20% for test set.
2. After running the model, we get the results, i.e. variables which are statistically significant: speed & tempoutside