Proyecto 7

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First, an exploratory analysis of the data is carried out to understand these in order to obtain a good starting point

## Warning: describe.by is deprecated. Please use the describeBy function

## Warning in describeBy(x = x, group = group, mat = mat, type = type, ...): no  
## grouping variable requested

## vars n mean sd median trimmed mad min max range skew  
## mpg 1 32 20.09 6.03 19.20 19.70 5.41 10.40 33.90 23.50 0.61  
## cyl\* 2 32 2.09 0.89 2.00 2.12 1.48 1.00 3.00 2.00 -0.17  
## disp 3 32 230.72 123.94 196.30 222.52 140.48 71.10 472.00 400.90 0.38  
## hp 4 32 146.69 68.56 123.00 141.19 77.10 52.00 335.00 283.00 0.73  
## drat 5 32 3.60 0.53 3.70 3.58 0.70 2.76 4.93 2.17 0.27  
## wt 6 32 3.22 0.98 3.33 3.15 0.77 1.51 5.42 3.91 0.42  
## qsec 7 32 17.85 1.79 17.71 17.83 1.42 14.50 22.90 8.40 0.37  
## vs\* 8 32 1.44 0.50 1.00 1.42 0.00 1.00 2.00 1.00 0.24  
## am\* 9 32 1.41 0.50 1.00 1.38 0.00 1.00 2.00 1.00 0.36  
## gear 10 32 3.69 0.74 4.00 3.62 1.48 3.00 5.00 2.00 0.53  
## carb 11 32 2.81 1.62 2.00 2.65 1.48 1.00 8.00 7.00 1.05  
## kurtosis se  
## mpg -0.37 1.07  
## cyl\* -1.76 0.16  
## disp -1.21 21.91  
## hp -0.14 12.12  
## drat -0.71 0.09  
## wt -0.02 0.17  
## qsec 0.34 0.32  
## vs\* -2.00 0.09  
## am\* -1.92 0.09  
## gear -1.07 0.13  
## carb 1.26 0.29

