ASSIGNMENT 8.1:

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In dataset there is no column name .

Multiple Linear Regression in R:

lm(response~predictor1+predictor2+...+predictorN)

summary(lm(response~predictor1+predictor2+...+predictorN))

for step AIC

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Akaike’sInformation Criterion (AIC)AIC in RAkaike’s Information Criterion in R to determine predictors:

step(lm(response~predictor1+predictor2+predictor3), direction="backward")

step(lm(response~predictor1+predictor2+predictor3), direction="forward")

step(lm(response~predictor1+predictor2+predictor3), direction="both")