**Question 10.2**

Describe a situation or problem from your job, everyday life, current events, etc., for which a logistic regression model would be appropriate. List some (up to 5) predictors that you might use.

Answer:

# Logistic Regression method can be used to predict the probability of success(pass/fail) in the exam based on the number of hours of study, class attendance of the student, homework submission, homework grade and student’s health.