

Assignment Assignment #5

Create a Logistic Regression model that will predict the probability of a student passing using the associated data set. Develop a predictive model that given travel time, study time and failures will predict the probability that the student will pass. We assume passing is an average of 8 or above on their average math scores of G1, G2, and G3.

Once you have the coefficients for travel time, study time and failures construct a spreadsheet computing the prediction. The spreadsheet can be Excel or OpenOffice Calc. The user of the spreadsheet should be able to enter the values travel time, study time and failures and it should indicate the probability of passing. Please label things so it is clear to the user.

Submit the spreadsheet for this assignment.

Due: The end of week 12.