This assignment is meant to provide further opportunity to learn the applications of linear regression analysis.

1. Construct Survival using the Intensive Care Unit data set using logistic regression model.

Answer the following questions:

1. What is the false positive rate? (2 pts.)

Ans. FPR = 29.8%

1. What is the false negative rate? (2 pts.)

Ans. FNR = 21%

1. Which factors are important in the prediction of death in ICU? (3 pts.)

Ans. Gender, Age and P class

1. Visualize the effects of the top 2 variables (3 pts.)





