Logistic Regression

It is a classification algorithm that is used to model the probability of a certain class or event existing such as pass/fail, win/lose, alive/dead or healthy/sick. The value of the variable is either 0 or 1. It is used to conduct the the analysis when the dependent variable is binary.

Linear regression is used to predict the continuous values whereas the logistic regression is used to predict discrete values i.e is used for classification problems.