**ML1 - Fundamentals**

**Assignment #2**

**Due: August 27, 2019**

**Note:** Submit your homework by pushing your code to your Gitlab account.

1. Using Linear Regression to build a model to predict the *BigMartSales* and explain some results:
   1. Which features(or properties) are unnecessary and can be removed from model construction? Why?
   2. Explain the OLS Regression Results and give opinion about which features are the most important in prediction
2. Using Logistic Regression to build a model to classification the *Titanic\_Disaster* data into survived or not survived and explain some results:
   1. Which properties are unnecessary and can be removed from model construction? Why ?
   2. Explain the confusion matrix and give the accuracy of classification.

Notes: You can find datasets for this assignment in folder named ‘*data*’.