

Assignment 1 : MTech EBAC Unit 1 – Group

Exercise - Regression Analysis – 10%

Due Date : 10th February, 2017 : **Please mention the name of the group members in both exercises.** 2nd exercise the output can be in 1) Word or 2) PowerPoint or 3) PDF but complete with all the details of methodology followed.

1. Summarize one journal publication in 1 page of **power point** : The publication should cover either Linear Regression or Logistic Regression. The summarization should cover the following components :
 1. Objective
 2. Business Issue
 3. Data & processes
 4. Technique
 5. Outcome
 6. Limitation

3 Marks
2. Download from the net an appropriate data set suitable for either Linear Regression or Logistic Regression. Dataset has to be either from Singapore or student's home country. Develop an appropriate model for the prediction purposes. The final report should contain, all the necessary assumptions, steps followed to develop the model, comment on the strength of the model and appropriate validation as discussed in the class. **7 Marks**