**Bus Adm 816**

**Software Exercise 4**

**Due: November 30**

In this assignment, you will work on two data mining exercises using SAP Predictive Analytics: one on clustering and the other on decision trees. The exercises, which have been posted separately on D2L, are based on Chapters 11 and 12 from the text. The data files needed for completing the exercise have also been posted.

Please read the following instructions before competing the exercises:

Chapter 11: Exercise 2 (Clustering)

Take screenshots after completing the following steps and post the screenshots into a Word or Excel file called SW Ex4a XXX, where XXX is your 3-digit student id:

14b, 15,

In step17, store the file as Clusters XXX (where XXX is your 3-digit student id).

21, 23, 25a, 25b, 25b, 25c, 25c, 25d

Save the SW Ex4a XXX document and post it to your student dropbox.

Chapter 12: Exercise 3 (Classification Trees)

In step 6c, to see the .xlsx file, you may have to select All File (\*.\*).

In step 11b, remove any other variables from Target Variables, but keep any Excluded Variable.

Take screenshots after completing the following steps and post the screenshots into a Word or Excel file called SW Ex4b XXX, where XXX is your 3-digit student id:

16b, 18a, 20b

In step 22b, save image as Decision Tree XXX.png, and post it to your student dropbox.

Skip step 24.

In step 25, save the file as Transformer\_failures XXX and post it to your student dropbox.

Answer the Question at the end of the exercise (simply take the screenshot and post it to the SW Ex4b XXX document).

Save the SW Ex4b XXX document and post it to your student dropbox.