Homework Guidelines

- Provide one typed submission of your Homework assignment for your group. This typed copy should include problem numbers and sub-parts before each answer. This will guarantee easy reference both for you and the TA.

- Include the names of all group members who contributed to the homework assignment at the top of each typed submission.

- All group members must agree on the final draft and all members with names at the top of the submission will receive the same homework grade.

- Homework must be submitted via blackboard by 11:59pm on the due date.

- Any technical difficulties related to submitting the homework must be submitted via email to the TA a minimum of 6 hours **before** the deadline. In these rare cases of technical difficulties please Email the typed copy of the homework to the TA at least 6 hours before the homework deadline.

- If there are numerical calculations please provide the R - code you used to make this calculation.

  Example 1: If the answer to a Prediction Interval is (193.7754, 324.7598) your R -code output for this calculation might look like the following:

  ```
  > 20.94193+1.068725*223-qt(.975,df = 90)*32.96572
  [1] 193.7754
  > 20.94193+1.068725*223+qt(.975,df = 90)*32.96572
  [1] 324.7598
  ```

  Example 2: If your answer is a calculated mean of 201.7504 your R-code output for this calculation might look like the following:

  ```
  > mean(tampa[,1])
  [1] 201.7504
  ```

- All graphical displays must be clearly labeled (variable names etc.) and the R-code used to create each graphical display should be included as a note along with each graph.

  Example 3: If you are creating a scatterplot of Sales versus Appraised value your R-code output for this might look like the following:

  ```
  plot((tampa[,1]),(tampa[,2]),pch = 19, cex = .7,
       xlab = "Appraised Value in Thousands",
       ylab ="Sales Price in Thousands",
       main = "Tampa Palms Dataset",
       col = c(rep(1,42),2,rep(1,c(92-42))))
  ```