MEE621
R for Data Analysis and Research

Final Exam

Given the data, do the following:

1.) Perform exploration analysis. In your analysis, make a generalisation on what's the relationship of the power consumption to the temperature of the households.
2.) Using a relevant package in R, determine and discuss the distribution of the data. Present a tabulated summary of the data analytics.
3.) Perform a regression analysis to determine the relationship between the dependent variable (power consumption) and independent variables (temperature, income, and the number of occupants).
Discuss your answer together the resulting graphs, tables, or any figures you may want to present to show the relationship.

Note:
Your answer must present the methods of your answers using R.
Present the necessary graphs, tables, figures, etc to make your answer clearer.

Submit the following files for your answers.

1.) R code of your answer for each question (.rmd file). This is a single file. Use chunk to separate your answers for each questions with proper labels.
2.) Report containing your answers for each question (pdf file).

Submission Date:
19 December 2020