

Assignment 1(30%)

You must answer the questions below by referring to your assigned dataset. No mark will be given if you refer to dataset other than the one assigned to you.

- 1) What is the mean reaction time of people aged 6-80 years old? (2 marks)
- 2) Thirty percent of the people aged 6-80 years old has reaction time above what value? (2 marks)
- 3) Are the conditions valid to use the mean as an appropriate statistic for the typical reaction time of individuals? You must justify your answer by using all appropriate statistical graphs and descriptions. (10 marks)
- 4) Investigate the influence of other variables given in your dataset on the reaction time. Summarize your findings in words. Use all appropriate graphs and statistics (if applicable) to justify your findings. (16 marks)