

Stat 414; Fall 2024; Worksheet01 20 Points;

1. Perform all data summary and analysis steps shown in the R-tutorial for the Profit Data set using Rcmdr
2. Perform the following steps for the salary data set
 - (a) Compute the five number summary
 - (b) Compute the percentages of data points in the intervals $\text{mean} \pm \text{SD}$, $\text{mean} \pm 2\text{SD}$. What are these percentages expected to be and how close are they.
 - (c) Repeat part b for a variety of transformations of the salary data. What transformation of the data provides a good fit of the data to a Gaussian assumption on the data?