Problem Set 1 Report

Minh Duong

2023-02-06

1. **Scores**
   1. Problem: Provide summary statistics for scores. Provide min, max, sample mean, sample variance, sample standard deviation, coefficient of variation, mean absolute deviation, Q1, median, Q3, and IQR. Present your results in well formatted table with a title.

|  |  |
| --- | --- |
| **Statistics name** | **Value** |
| Min | 3 |
| Max | 100 |
| Sample Mean | 62.37 |
| Sample Variance | 546.033266 |
| Standard Deviation | 23.3673547 |
| Coefficient of Variance | 0.37465696 |
| Mean Average Deviation | 18.6863 |
| Interquartile Range (IQR) | 35.25 |

**Summary Statistics for Scores**

* 1. Problem: Draw a Box and whisker plot for score.