**Minitab Assignment 1**

Download Mintiab from Chargerware from <http://chargerware.uah.edu/>. Its available for both Mac and Windows users. If you have any problems with the installation, please contact the office of information technology (OIT) located on the first floor of the library.

Use the excel spreadsheet to find the sample data set corresponding to your name. Each of the students have a different sample data set.

Open Mintiab and enter in the sample data set onto the Minitab spreadsheet from excel. Use copy paste option but please make sure you **label Column1(C1) appropriately as “sample data set” or anything else you want.**

**Analyze the data using descriptive statistics of Mean, Mode, Median, 25th and 75th Percentiles, variance, standard deviation, interquartile range and range.**

1. **Stats>Basic Statistics>Display Descriptive Statistics**

A new dialogue box opens which will let you select your sample data set.

Click on Statistics at the bottom of the dialogue to select **only those** descriptive statistics which you want for this assignment.

2. **Graphs>Boxplot>simple**

A new dialogue box opens which will let you select the sample data set as the y variable.

Click on options to select **only those** descriptive statistics you want displayed on the box-plot.

Copy the picture of 1 and 2 above and paste them onto a word file as shown below.

**Sample Statistics**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Mean** | **St.Dev** | **Variance** | **Q1** | **Median** | **Q3** | **IQR** | **Mode** | **N for Mode** |
| Sample Da Set | 14.36 | 18.88 | 356.47 | 2.78 | 6.50 | 31.75 | 28.97 | \* | 0 |

Please submit your assignment as a **single pdf file not exceeding one page**. No word document or any other file format is acceptable.

For any questions email me at ih0008@uah.edu