**2.9 Excel Instructions**

**Blakley Tires**

**Use TreadWear Data**

1. Determine if there are missing values
   1. Type Heading in G2 “# of Missing Values”
   2. Enter Heading in H1: “Life of Tire (Months)
   3. Enter =COUNTBLANK(C2:C457) in Cell H2
   4. Repeat for Tread Depth and Miles
2. Sort all values smallest to Largest
3. Sort all the data by ID
   1. Find the four tires for ID 3354942 and substitute in the missing value
4. Do a quick search for 9999999 to see if there are missing values

**Erroneous Outliers and Values**

1. Enter heading Mean in G3
2. Enter Heading Standard Deviation in G4
3. Enter =AVERAGE(C2:C457) in H3
4. Enter =STDEV.S(C2:C457) in H4
5. Repeat Process for Tread Depth and Miles

**Search for Erroneous Individual Values**

1. Enter Heading Minimum in G5
2. Enter heading Maximum in G6
3. Enter =MIN(C2:C457) in H5
4. =MAX(C2:C457) in H6

**Identify the Automobile with the extreme Value**

1. Sort data on Life of Tire
2. Record the ID for suspicious Life of Tire Numbers
3. Sort the data on ID and find the ID numbers
4. Correct the erroneous values
5. Repeat Process for remaining variables in the Data

**Create a Scatter Chart for Tread Depth and Miles**

1. Create Scatter
   1. Look for outliers