**Statistics for the Social Sciences**

**Assignment 1.4**

1. Create an Excel file with the following five column headings (variables) starting with column B: X, X-squared, Y, Y-squared, XY

2. Fill out the X Column with the following data: 2, 3, 4, 5, 6, 7, 8, 9

3. Fill out the Y column with the following data: 1, 2, 3, 4, 5, 6, 7, 8

4. In the X-squared column, multiply the value of X times itself (The formula will be =B2\*B2. You can paste that formula down the entire column using the paste formula option).

5. In the Y-squared column, multiply the value of Y times itself (The formula will be =D2\*D2. You can paste that formula down the entire column).

6. In the XY column, multiply the value of X times the value of Y. (The formula will be =B2\*D2).

7. Use the sum function to compute the sum of all columns. Place the word "sum" in column A, heading this row you just created.

8. Place your name in column A below your table.

9. Save your file as YourLastName\_YourFirstName\_Assignment\_1.4

10. Submit the file via Blackboard.

**\*\*\*You will be graded on the use of functions to compute the products;**

**DO NOT ENTER THE NUMBERS MANUALLY.\*\*\***

Your spreadsheet should look something like this:

