# Excel Functions MATH 1441, BCIT

Technical Mathematics for Food Technology

October 20, 2016

# Excel Functions I

Excel Function	Description
SUM	Calculates the sum of a group of values
AVERAGE	Calculates the mean of a group of values
COUNT	Counts the number of cells in a range that
	contains numbers
INT	Removes the decimal portion of a number
	leaving just the integer portion
ROUND	Rounds a number to a specified number of
	decimal places or digit positions

## Excel Functions II

Excel Function	Description
IF	Tests for a true or false condition and
	then returns one value or another
NOW	Returns the system date and time
TODAY	Returns the system date without the time
SUMIF	Calculates a sum from a group of values
	but just of values that are included because
	a condition is met
COUNTIF	Counts the number of cells in a range
	that match a criteria

- How many essays were graded in total?
- Compare essay grades for the two different graders.
- What is the maximum and minimum score on the final exam?
- What is the average final grade for the course?
- Mow many students have a final grade in the 70-100% range?
- 6 How many students have a final grade in the 50-70% range?
- How many students consistently score more than 80% on essays?

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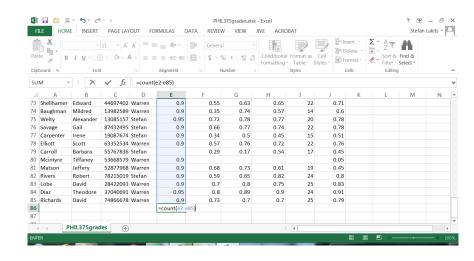
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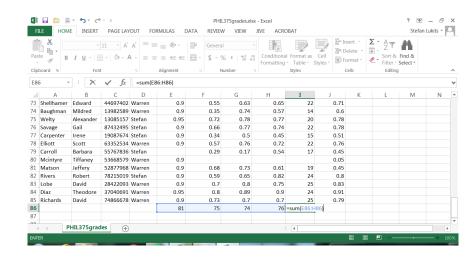
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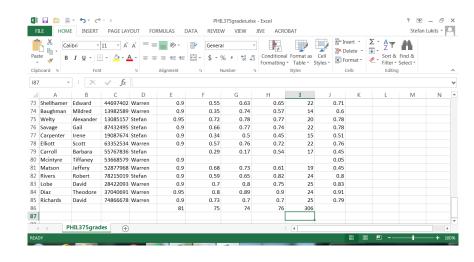
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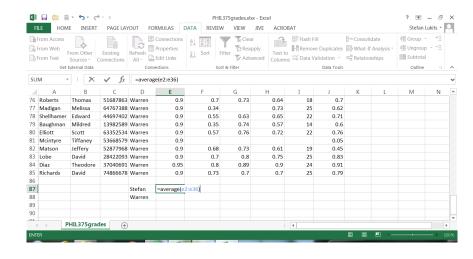
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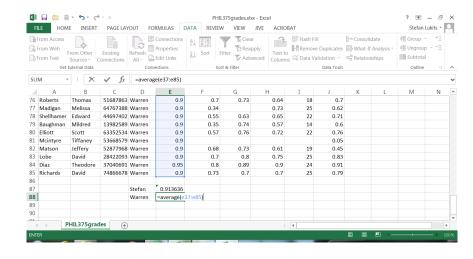


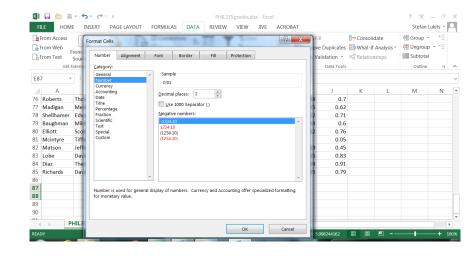


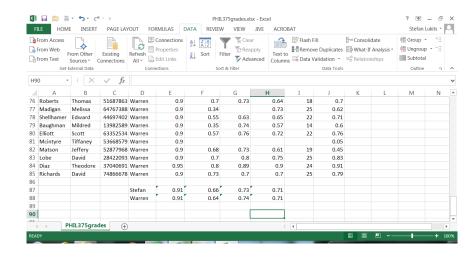


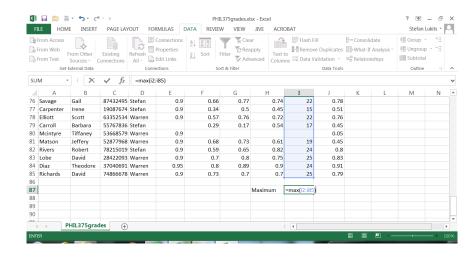


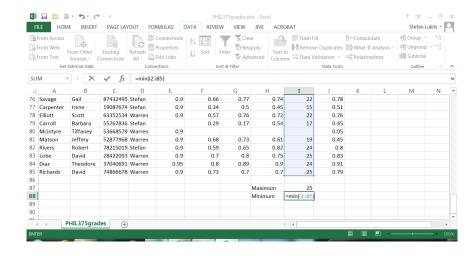


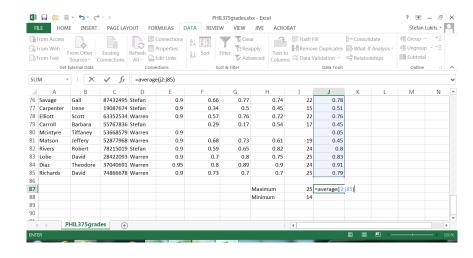


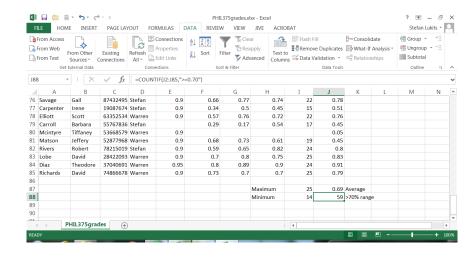


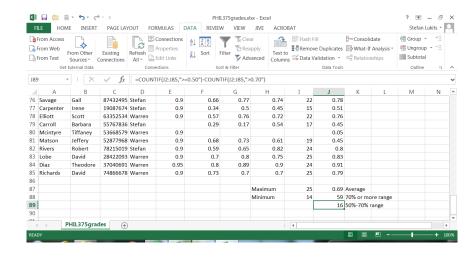


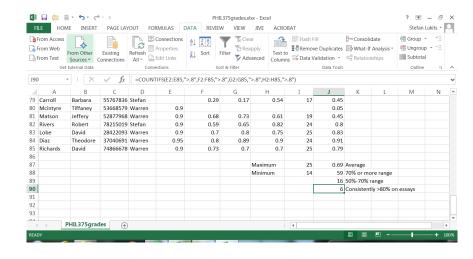












## End of Lesson

Next Lesson: Line Fitting