

Excel Assignment #2**Due Friday, October 30 via email by 5 pm.**

1. Grab the 3 data sets from the MBN website titled Weight1, Weight2, and Weight3.
2. Open weight 1. Label that sheet “Current Weights” and label a second sheet “Summary of Weights”.
3. Above the column headings label this information “Weight 1”.
4. Write a Macro named “Move Weights” in the following order
 - a. delete all columns except A, B, G, and J
 - b. change the formatting of column A to “number” with no decimal places
 - c. sort the sheet by EID from smallest to largest
 - d. average the weight
 - e. column headings are black fill, bold, and white lettering
 - f. a border surrounds the information
 - g. move the 4 columns to “Summary of Weights” by using “insert”
 - h. Leave a 1 column space between each data set.
5. Now open weight2 and weight3, copy and paste the info into “Current weights”, rename above the column headings, and perform the Macro. Freeze the column headings in “Summary of Weights”.
6. Find the total gain for each heifer.
7. Insert a new sheet, label “Marketing Slide” and make a Marketing Slide table as shown in class. You have forward contracted your calves for \$94/cwt at 600 lbs. Assume 4% shrink.
 - a. Up slide
 - i. $600-750 = \$4/\text{cwt}$
 - ii. $750-850 = \$5/\text{cwt}$
 - iii. $850 \text{ and up} = \$6/\text{cwt}$
 - b. Down slide
 - i. $450-600 = \$7/\text{cwt}$
 - ii. $350-450 = \$8/\text{cwt}$
 - iii. $350 \text{ and lower} = \$9/\text{cwt}$
 - c. Write a macro on the “Marketing Slide” sheet that empties the input cells. Make a macro button labeled “Clear Inputs”.
 - d. Write a macro that moves the following column headings to a new sheet labeled “Summary of Marketing Slide” (“Delivered Wt. (cwt.)”, “Slide”, and “Effective

ALL MACROS MUST HAVE A BUTTON!!!

Price/hd”). The macro must then sort from highest Effective price to lowest. Also include formatting that makes the sheet easy to read.

- i. 340#
 - ii. 410#
 - iii. 525#
 - iv. 630#
 - v. 775#
 - vi. 860#
 - e. Repeat with the contract specified at 600 #, \$98/cwt, and 3.5% shrink.
8. Insert a new sheet and move to the beginning of the Excel workbook. In the sheet make a Table of Contents with a Macro button that takes you to each sheet in the workbook. Label these buttons “Go to Marketing Slide” etc.
9. In each sheet, write a Macro that will take you back to the Table of Contents.
10. Save the workbook in the following format ARNR_434_excelhw2_firstname_lastname. Must be saved as a macro-enabled workbook.
11. In the table of contents, write and make a macro button for printing the “Summary of Marketing Slide” sheet.
 - a. Name the Macro “Print Summary of Marketing Slide”
 - i. Write the macro by going to print, preview, page setup, custom header, and put your name as a header on the left side, the name of the class in the middle, and the date on the right side (insert date). Customize the footer and insert the time in the middle.
12. Make a simple amortization schedule using the payment function in excel as shown in class. Make sure you have correct references. Barn loan - \$50,000 amortized over 4 years at 4%, with quarterly payments. Name this sheet “Active Loan”. Write a macro to clear inputs. Insert a new sheet with the following column headings: Loan Name, Interest Rate, # Payments, Total Interest Paid. Write a macro to move those items to the new sheet titled “Summary of Loans”. Format headings with red fill, white lettering, and bold, and a border around the complete summary.
 - a. The additional loans are:
 - i. Operating loan \$150,000 over 6 years at 7%
 - ii. Livestock loan \$75,000 over 3 years at 5%
 - iii. Irrigation pivot loan \$200,000 over 8 years (2 payments per year) 5% int.

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