

~ ITF150 - Excel Homework ~

- 1) Plot line graph using dataset while specifying related dates on the X axis.
- 2) Calculate the sum, standard deviation, mean, median, average, skewness, kurtosis of the dataset allocated to your name (you can use the in-built menu options by using Add-In properties (i.e. Descriptive Statistics operating under Data Analysis Menu).
- 3) Color the cells that are containing higher values than the average of the dataset.
- 4) Calculate logarithmic and arithmetic returns which are derived from your dataset in a separate column (you can calculate the geometric return or any other return that you can cover).
- 5) Plot both returns and prices on the same graph.
- 6) Create a histogram of returns calculated (i.e. derived from price data).
- 7) Fill two columns with random numbers between 1 and 100, and indicate the correlation and the covariance between them.
- 8) Provide any historical dataset from finance.yahoo.com and place in the columns.
- 9) Copy your dataset to a different column and sort it largest to smallest.

Bonus: Create a pie chart depends on 4 random variables that sum equals to 100.

After the completion of your homework please send your excel file via e-mail (itf208@gmail.com) by naming it with your name and student number. Such as;
Tezer_Yelkenci_20070201095

REMEMBER TO NAME YOUR FILE AND WORKSHEETS PROPERLY.

Deadline for all sections is 27 March Wednesday by 13.00h.

For questions send your e-mails to: yelkenci.tezer@std.ieu.edu.tr