**Assignment Type:** Individual Project   **Deliverable Length:** 5-7 pages   
**Points Possible:** 150   **Due Date:** 10/31/2008 11:59:59 PM  CT

At this point of your research, you are ready to test the hypothesis (or hypotheses) you have formulated in your experimental design (this is the continuation from your Unit 1 IP and Unit 2 IP assignments). For this assignment, adjust and reframe your variables and hypothesis in such a way that it can be adequately demonstrated with collected data (Step 8 of the research process). Once you have reframed your design, you would have been asked to generate actual data for these variables. However since it takes too much time to generate actual data for your experiment, you are also asked to create a “notional” set of data for each of your variables (not more than 25 data points) in an MS Excel spreadsheet. Although the data is not real, it will help demonstrate your hypothesis testing processes, logic and skills.

Please respond to the following questions:

1. Using the hypothesis testing methods presented in Sekaran (2003), suggest a method that you believe would be most appropriate to test your hypothesis. Explain your rationale.
2. Now that you have created “notional” data to illustrate the hypothesis testing method, apply these data to the hypothesis testing method you selected. You can select either a graphical method, simple correlation, or a t-test as your testing method for the data. You can use the statistical functions in MS Excel.
3. Based on the results of your calculations, explain whether the hypothesis of your research design is accepted or rejected, and comment on the implications of your results.

Use the Library or other Web resources to support your argument. Be sure to cite your sources using APA Style 5th edition guidelines.

Your work MUST include a reference list. All research should be cited in the body of the paper. Reports without citations are unacceptable. Your report should contain an abstract, a short introduction, and conclusion in addition to the body of the paper. Please note that if you have a source in your reference section, you need to cite it in the body of the paper per APA guidelines and vice-versa.

You may also use the EXCEL Lab or other supplemental sources in the Library or the web to complement your understanding of statistical functions in EXCEL.

Click [here](https://mycampus.aiu-online.com/courses/MGT600/Assignment_Assets/Sekaran.pdf) to view the Sekaran diagram on the research process.

NOTE: Scholarly Databases may be accessed in the Library.  Suggestions are:

ABI Inform Global  
Academic Search Premier  
Business Source Premier