

Please no plagiarism

Please use basic vocabulary

Please follow the outline at the bottom and the methodology guide

Objective: Using the Scientific Method to solve a Quality problem.

Methodology:

FIND A PROBLEM- What do you want to know? Be curious, choose a limited subject; ask a question; identify or originate/define a problem

RESEARCH THE PROBLEM- What is already known and written about the problem? Review a minimum of three (3) published materials related to your problem or question and provide a summary of each article/study (ie, what was studied, what was the methodology, what was learned/results).

FORM A HYPOTHESIS- Answer your questions with a hypothesis, (i.e., what you think the outcome of your experiment will be?). Evaluate possible solutions and make your educated guess.

PLAN AN EXPERIMENT- What do you need to use to collect data to solve the problem? What will you do to find out the answer to your question? *Challenge and test your hypothesis through experimentation (data collection) and analysis.* Provide a meaningful (large) data set (ie, 30-50 observations, tests, surveys, etc.)

COLLECT AND ANALYZE THE DATA- What happened in your experiment? Evaluate the results of your experiment and reach conclusions based upon on your data.

FORM A CONCLUSION- What did you learn? Does your conclusion support your hypothesis? Why, why not?

Deliverable:

- A typed (double-spaced, stapled) report defining and describing the findings and results for each of the Scientific Method steps used to solve the Quality problem.

Outline for the report:

1. Problem Statement (one or two paragraphs)
2. Research the Problem (ie, what is known and/or published about the problem)
3. Hypothesis Statement
4. Experiment- Data Collection
5. Analysis (ie, evaluate your data into meaningful information to support your conclusion)
6. Conclusion
7. Reference Page

My problem statement:

We all know that Apple and Samsung company has produced the best technologies in the world. What I want to know that why Apple cellphones is better than Samsung cellphones, and also why apple cellphones more popular than Samsung. It might be that Apple cellphones t do better advertising than Samsung. Moreover, it has good features on it, but Samsung has some safety issues in back years. So, I will analysis more in my research about Apple cellphones and Samsung cellphones.