Perry's Solutions, Inc

Quarterly Newsletter

May 2017

Welcome to our newsletter. It provides bullet inputs for your consumption. If you receive value from this, please share it with your network (e.g., LinkedIn, Facebook, Twitter).

NON-NORMAL DATA

Many practical situations experience what is called "non-normal" data. Practitioners dislike this because the tools to handle it are more complex and less understood by others. There are real and false causes of non-normal data, so we need to be confident in our determination. Non-normal tools tend to be less powerful than the standard tools, so care needs to be used to select the most powerful tool when normal tools are not appropriate. However, dealing with these non-normal cases is a reasonable expectation.

CORE TRAINING COMPONENTS FOR DESIGN OF EXPERIMENTS

The next core area to discuss with a training program is "Remember." First, there are 3 schools of thought for DOE – Western Method (George Box being a key figure), Taguchi and Shainin. Each has a strength for application with Box's tools being the most widely applicable. Second, remember the definition of DOE: A tool to assist in the process of understanding a system. http://bit.ly/14HgKSz And finally, DOE can generate predictive innovations. By knowing the performance model, we can close out a design or know we need to move to plan B early. DOE is often used to resolve conflicts, but early use can help avoid major schedule delays.

NO CATAPULT

I recently wrote a white paper regarding why the catapult is a poor tool for DOE training. Unfortunately, it is a common tool. If you want to learn about DOE and use it, avoid the catapult. If you want to find out why it is so bad, read this paper. http://bit.ly/2pmjnIz.

Have a great day!

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