**Data Analytic and I**

**What I want to learn**

I previously worked as an automation professional overseeing the implementation of process control technologies. One of our initiatives was increasing the level of sensing in the terminals. This included position indications, flows, level indications, start-stop indications, etc. and bringing it back to a central control room. I believe that one of benefits to the organization will be the ability to analyze the data stored in repositories such as the data historians of the process controls systems. The challenge will be turning all of this collected data into useful information that raises awareness and support decision-making by either managers, engineers, operations, or maintenance personnel. I am excited about learning the skills needed to create advanced visualizations of and generate programs and APIs to create tailored applications for users.

**What the skills will do for my career**

I believe the skills gained from this boot camp will allow me to assist organizations in making use of the abundance of data collected to raise awareness to potential risk, both positive (opportunities) and negative (threats). I am now seeing organizations establish what appear to be new roles with a specific focus on data analytics. Roles I have seen include VP of Analytics and Manager of Analytics. I think the experience and training gained from this boot camp will put me in a competitive position to assume roles of this nature in an organization or to start my own business providing data analytic services to companies, organizations, and/or governments.

**Conclusion**

I see data analytics as new frontier of career opportunities for professionals such as myself. As I have been reminded, most of the data collected or inexistence since the dawn of mankind has been created in the last couple of years. Professionals are needed to maximize its usefulness. This boot camp is the first step for me.