**Article 1.:** [Understanding Python Virtual Environments – Towards Data Science](https://towardsdatascience.com/understanding-python-virtual-environments-7ccf690320d7)

By reading this article, it gives someone that is new to the world of data science an overview of some common terms correlating data science and python. Starting with the word “environment”, in the virtual world of python, a word for a newbie that he needs to understand right in the beginning.

It may sound so simple, but a simple word like “environment” gives an idea to a newbie to get a good grasp of where big data is wondering around and mainly its purpose.

As the article explained, it is important to understand the concept of virtual environment for the following reasons: Convenience, Stability and Ease of Mind. Once an aspiring data scientist begins with its different projects, he’ll realize that certain projects may require different versions of libraries and maybe even languages. And, that’s where virtual environments are useful. He’ll have the idea to create a separate virtual environment for each project.

The article also provided a quick guide on how to create virtual environment, links and simple explanation of technical terms that are very helpful for a newbie’s jumpstart into the world of data science and python.

**Article 2.:** [Data Science for Startups: Containers -Building reproducible setups for machine learning](https://towardsdatascience.com/data-science-for-startups-containers-d1d785bfe5b)

I enjoyed reading this article as it sheds some light to understanding “containers” for big data and its importance not only for Start-ups but for those who are pursuing career in data science. At the beginning of the class, I didn’t really understand the purpose of containers and why “Docker” is always showing in the class coding exercises. In a business perspective, it is good to know that using containers for analysis other data scientists can rerun one’s work, in which can add value to a start-up to leverage the use of their existing data for business growth.

Another good thing I liked in this article, is another easy to follow step in setting up Docker and a good explanation of technical terms in the world of Python, Github, Docker, etc. Not to mention some scripts sample. Further smooth exposure to the world of Big Data as every little tips and tricks help in the journey of exploring Big Data.