**Week 1 Learning Guide:**

**Learning Objectives**

* Objective 1:
  + Be able to describe the general process of machine learning based data analytics
* Objective 2:
  + Be able to describe the concepts of supervised learning and unsupervised learning
* Objective 3:
  + Have a Python environment setup properly
  + Be familiar with Python programming

**Learning Activities:**

* Read the lecture slide
* Install Python, Jupyter notebook, and required packages
* Study Python Tutorial 0 (Basics)
* Participate in the Introduction Discussion