**Week 3 Learning Guide:**

**Learning Objectives**

* Objective:
  + Understand the role of pandas in data analytics
  + Understand and can perform data extraction with pandas
  + Understand and can perform data transformation with pandas
  + Understand and can perform data merging with pandas

The above modular objective contributes to course level learning objectives #1 and #4.

**Learning Materials**

* Required:
  + - Lecture notes (incorporated in pandas\_tutorial notebook)
    - Recorded lectures
    - Python codes for learning pandas (incorporated in pandas\_tutorial notebook)

**Learning Activities:**

* Read through the provided tutorial
* Participate/review the recorded lecture
* Assignment 1