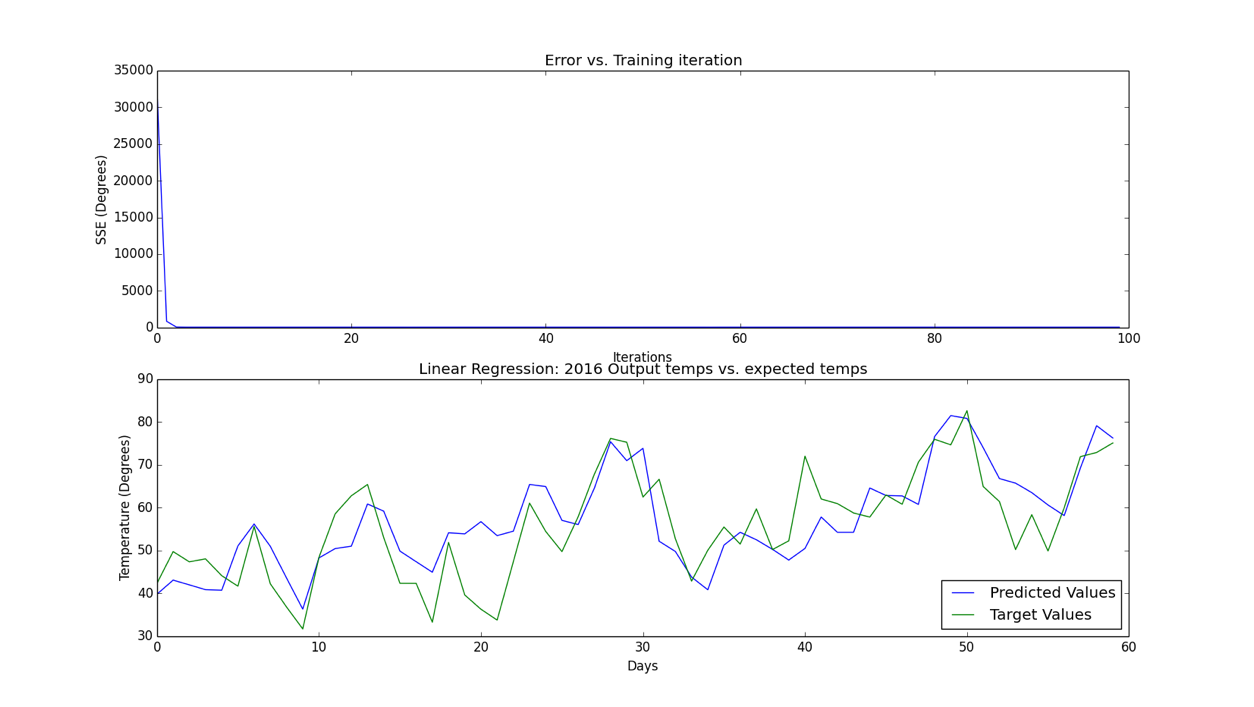
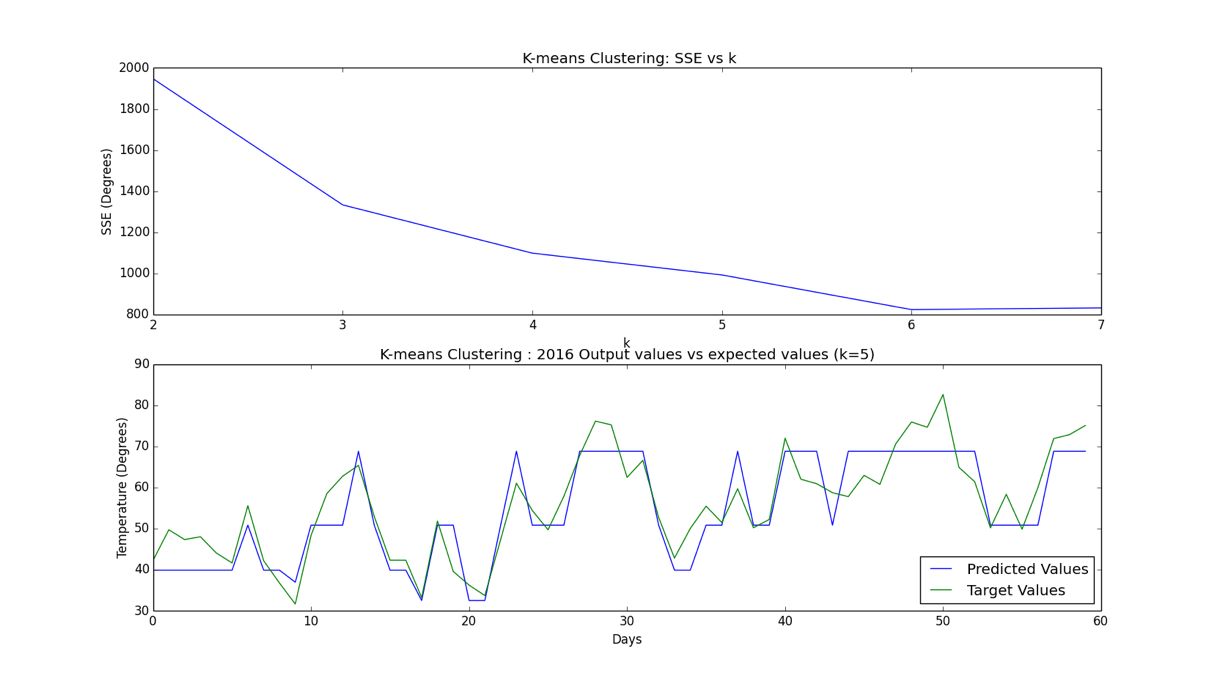
Homework 4

Nick Sparks & Shelby Vanhooser

Python code for this assignment is included in HW4.py





For the 2016 temperature prediction, a k of 5 was selected. Based on the error graph, 5 appears to be near the knee of the curve, so additional clusters will provide increasingly inconsequential marginal benefits to accuracy. Additional clusters will also require more processing time, so a value near the knee of the curve seemed to be a good choice.