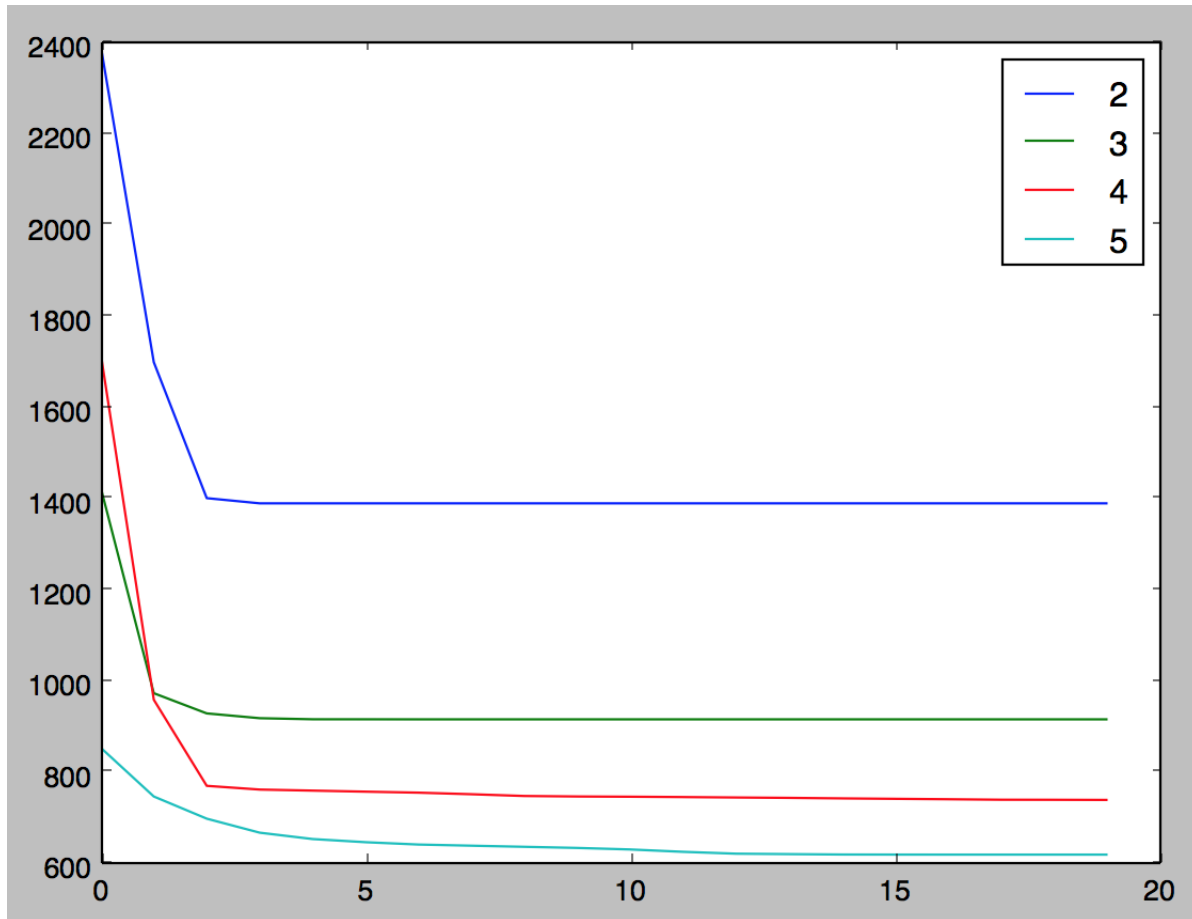


Problem 1 (K-Means)

Part 1

Plot the value of the objective function for $K = 2, 3, 4, 5$ run over 20 iterations:



Part 2

For $k = 3, 5$, plot the 500 data points and indicate the means:

