

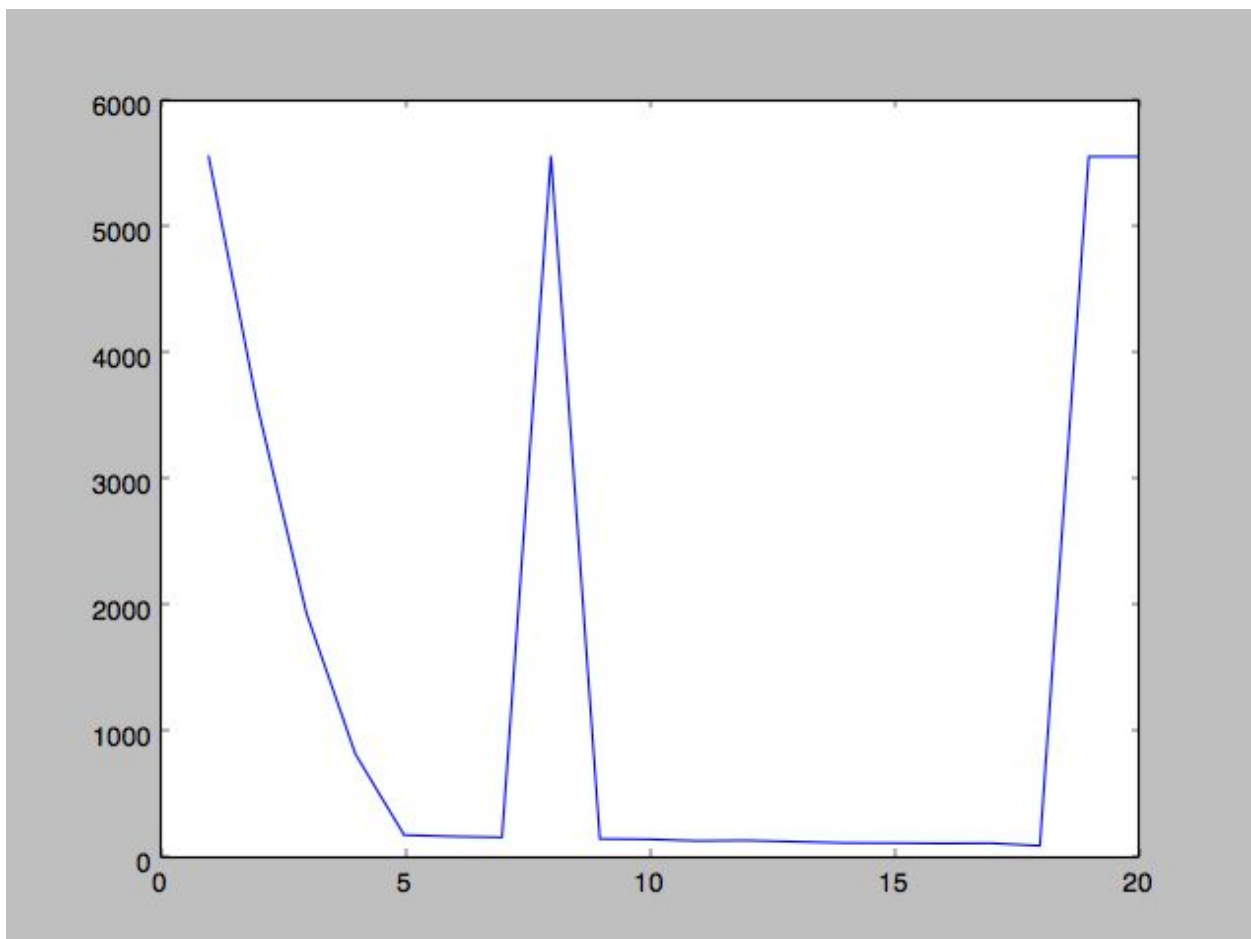
Zach Samuelson

HW08 Write Up

1.) Asd

2.) [6.039130434782607, 7.783913043478259, 4.216739130434782]

3.) Knee is at 5 (I think I may have done something wrong because of the large spike at around $k=6$ or 7)



4.) I chose $k=5$. The SSE was 183.83

5.)

[6.039130434782607, 7.783913043478259, 4.216739130434782], 46 points

[5.932222222222221, 8.192037037037037, 3.762407407407408], 54 points

[6.999306930693065, 4.08267326732673, 1.5661386138613862], 101 points

[1.9877227722772273, 7.943960396039605, 1.984356435643565], 101 points

[2.9999497487437186, 3.480804020100504, 4.017035175879397], 199 points

