Homework #2 – Logistic Regression

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Initial weights = **[-74, 12, 50, -98, 16]**

Final Weights:

w0 = -73.91504054065406

w1 = 12.084959448962934

w2 = 50.08495945934431

w3 = -98.0

w4 = 16.084072633891807

Sum of Squares Error = **5.000482019636319**

Good learning rate:

I tried many SSE from 0.001 to 0.5 and used a learning rate of **0.025** for my experiment, although the low SSE was totally dependent on the perfect weights. The best I got was the above SSE.