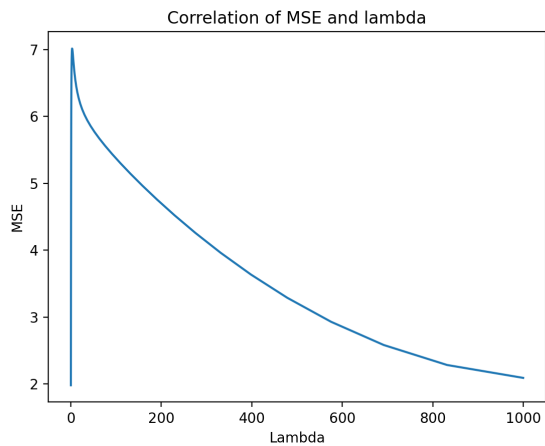Name: Mateusz Romaniuk
Github Username: romanczug
Purdue Username: mromaniu
Purdue ID: 00325-82565
Instructor: Mahsa Ghasemi
Problem2_writeup

Finding Best Lambda:

Best lambda tested is 0.1, which yields an MSE of 1.981514407509055

Finding Best Lambda:

y(x) = -4.33992630e-01x1 + 8.16204762e-01x2 + 5.19495066e-01x3 + 3.83342192e+00x4 + 2.11359089e-01x5 + 4.53719310e-04x6 + 2.561764534953689

Sample prediction plot of Google data