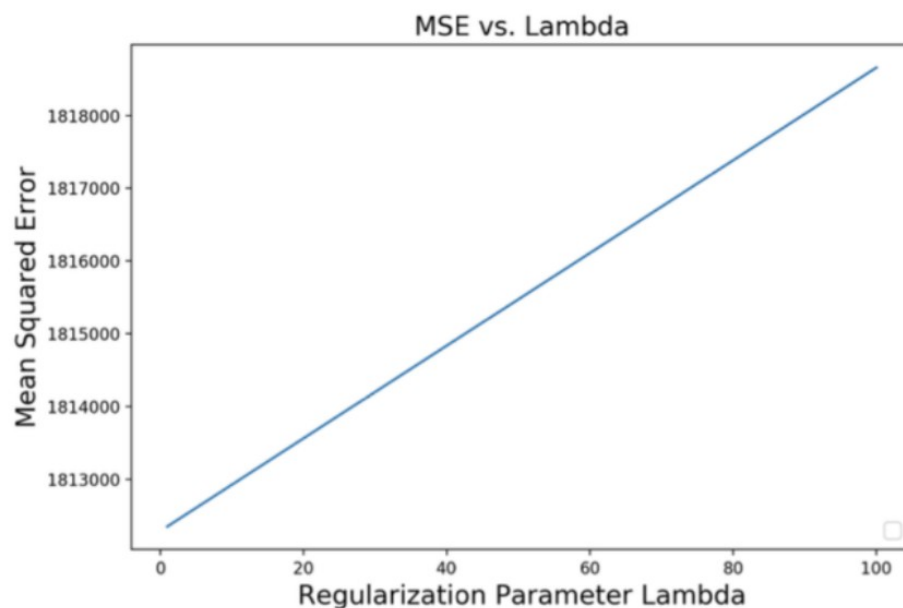


Name: <Your Name>  
 Github Username: <Your Github username>  
 Purdue Username: <Your PUID>  
 Instructor: <Ghasemi/Kocaoglu/Qiu>  
 Problem2\_writeup

Finding Best Lambda:

*(insert plot obtained by completing the main function)*



*(insert numerical values for c and d)*

Based on the range of Lambda values tested, the best lambda value is  $c$ , which yields an MSE of  $d$  as shown on the plot above.

Equation of best fitted model:

*(insert numerical values for  $a_i$ 's and  $b$ )*

$$\hat{y}(x) = a_1 x_1 + a_2 x_2 + a_3 x_3 + a_4 x_4 + a_5 x_5 + a_6 x_6 + b$$

Sample prediction plot of Google data (Note that this is not the solution)

