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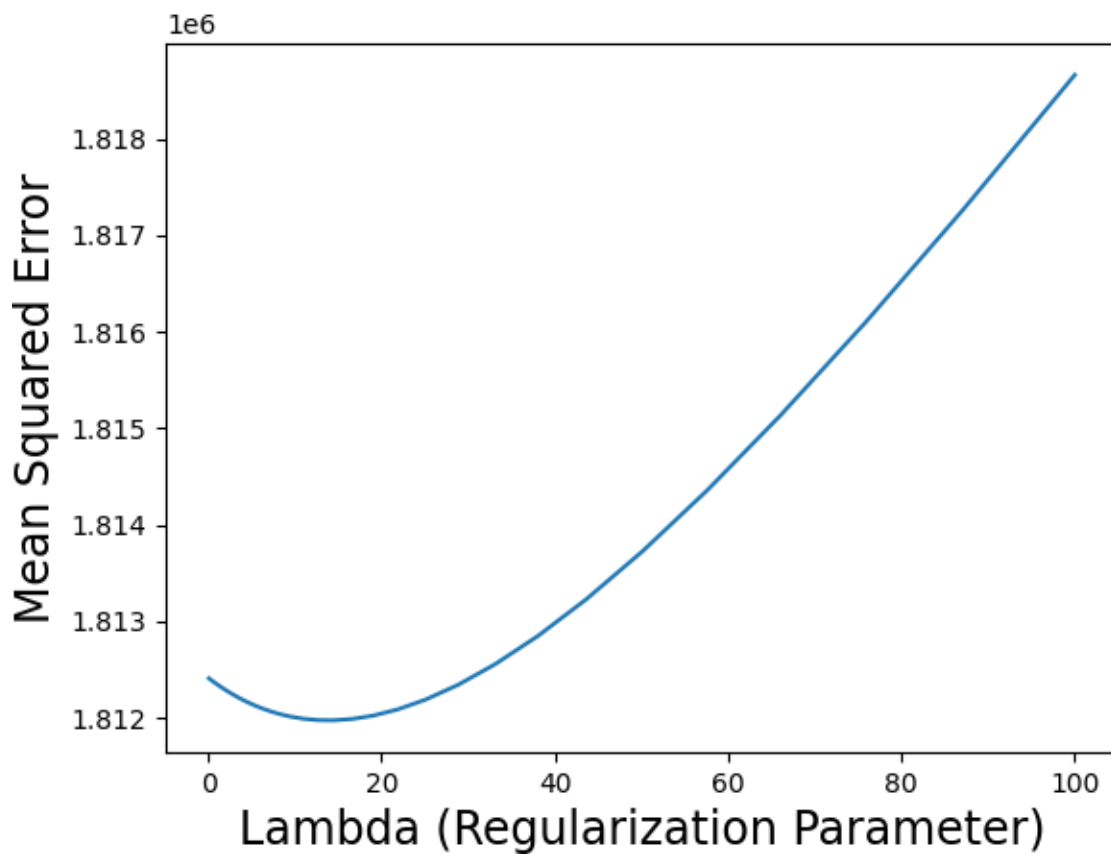
Github Username : techtronix-868

Purdue Username: pate1410

Instructor: Inouye

Problem2_wrtieup

Finding Best Lambda



Best lambda tested is 14.45439770745928, which yields an MSE of 1811976.910163044

The predicted prices by normalizing data 438.50357561

Equation of best fitted Model

$$y(x) = 5112.50987786x_1 - 201.03452142x_2 - 207.14864943x_2 - 1331.51984526x_4 + 217.84446348x_5 - 68.75157482x_6 + 500.93838851x_7 + 74.3346825x_8 - 458.9837666 + 3928.07687554$$