REGRESSIONS PROJECT 1 REPORT
ERIC CAI

Error Terms		
	Linear	Quadratic
1234	247.289	245.931
5	266.464	262.757
1235	254.218	250.537
4	240.124	252.619
1245	252.155	250.76
3	246.96	243.589
1345	247.831	245.518
2	263.952	263.696
2345	251.761	248.947
1	248.823	250.158
Training Mean	250.651	248.339
Validation Mean	253.265	254.564
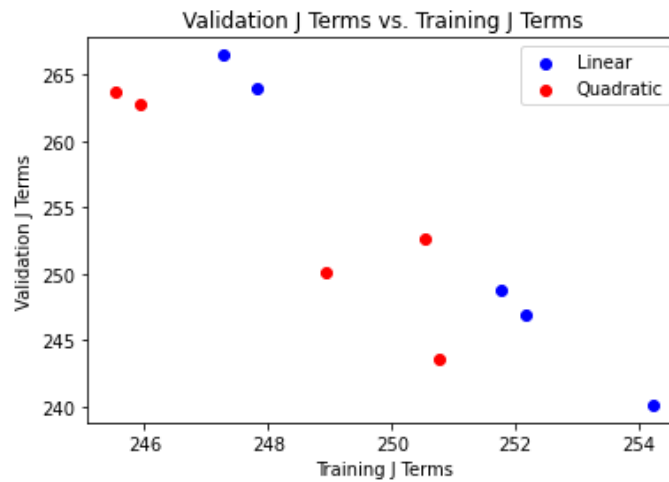
The linear model will best predict the baby's birth weight, as it has a lower mean for its validation error terms. It also does not have a significantly higher error term for the training mean, considering that a quadratic regression may be expected to have a lower training error. This can be seen on the plot as well, where the red (quadratic) data points are mostly above the corresponding blue (linear) points, even though the blue points are farther to the right.