Regression Learners

Results:

Accuracy of RF Regressor on training set: 0.95

Accuracy of RF Regressor on test set: 0.61

linear model coeff (w): [ 0.01928233 -0.00304257 0.00513385 0.00949103 0.02174051 0.028109

0.00914518]

linear model intercept (b): -0.044

R-squared score (training): 0.777

R-squared score (test): 0.756

(poly deg 2) linear model coeff (w):

[ -8.45786635e-17 2.01692214e-02 -1.22290214e-02 ..., 5.02683790e-03

-4.62635683e-02 -8.80595097e-03]

(poly deg 2) linear model intercept (b): -0.050

(poly deg 2) R-squared score (training): 0.819

(poly deg 2) R-squared score (test): 0.713