ECO 310: Problem Set #9

Due: April 26, 2016

Kevin Liu

Problem 1

Regression Type	r^2	RMSE
Ordinary Least Squares	0.76	4005.25
K Nearest Neighbors	0.42	6251.03
Ridge	0.61	5087.40
Lasso	0.67	4716.40
Elastic Net	0.37	6514.98
Decision Tree	0.04	8042.44
Random Forest	0.35	6628.65

Rank	Institution Name	Residual
1	Rutgers University-Newark	-12387.28
2	Pennsylvania State University-Penn State Lehigh	-11728.43
3	Pennsylvania State University-Penn State York	-11050.88
4	Rutgers University-Camden	-9411.65
5	Swedish Institute a College of Health Sciences	-8643.17
6	Florida National University-Main Campus	-8355.56
7	Baker College of Flint	-8024.05
8	SUNY at Purchase College	-7550.39
9	South University-The Art Institute of Dallas	-7488.18
10	Oklahoma City University	-7364.77

Rank	Institution Name	Residual
1	Westwood College-Los Angeles	12259.81
2	Fairfield University	11905.85
3	Savannah State University	11050.12
4	Prescott College	8524.98
5	Auburn University	6719.69
6	Pacific Oaks College	6449.84
7	Rose-Hulman Institute of Technology	6331.67
8	Silver Lake College of the Holy Family	5702.42
9	Daemen College	4529.33
10	University of Colorado Boulder	4446.70