

Models	Without PCA		MAPE	PCA (3 components)		
	MSE	R ²		MSE	R ²	MAPE
Linear						
Regression	10.16	-0.00	6.38%	9.93	0.02	6.34%
Lasso						
Regression	10.64	-0.01	6.57%	10.17	0.00	6.38%
Decision Tree	11.53	-0.09	6.69%	10.45	-0.03	6.57%
Random						
Forest	9.41	0.07	6.27%	10.29	-0.02	6.53%
Ridge	10.60	0.00	6.65%	10.14	0.00	6.49%
ElasticNet	10.41	0.02	6.57%	10.17	0.00	6.38%
SVR	10.23	-0.01	6.42%	10.24	-0.01	6.42%
Bayesian						
Ridge	10.17	0.00	6.38%	10.20	-0.01	6.44%
Gradient						
Boosting	9.97	0.02	6.42%	10.78	-0.06	6.66%
Lasso Lars	10.17	0.00	6.38%	10.18	0.00	6.41%
Lars	10.64	-0.01	6.57%	10.14	0.00	6.49%
AdaBoost	11.10	-0.05	6.52%	10.33	-0.02	6.63%

Models	Without PCA		MAPE	PCA (3 components)		
	MSE	R ²		MSE	R ²	MAPE
Linear						
Regression	600400.27	0.01	17.85%	590118.51	0.03	17.64%
Lasso						
Regression	809576.62	0.00	21.79%	607261.99	0.00	17.75%
Decision						
Tree	798576.62	0.01	21.57%	582468.28	0.04	17.58%
Random						
Forest	673434.06	-0.11	18.71%	661956.18	-0.09	18.49%
Ridge	779860.59	0.03	21.29%	607261.99	0.00	17.75%
ElasticNet	805652.41	0.00	21.52%	607261.98	0.00	17.75%
SVR	661599.95	-0.09	18.24%	652209.79	-0.07	18.58%
Bayesian						
Ridge	591150.94	0.03	17.56%	592322.54	0.03	17.58%
Gradient						
Boosting	615169.00	0.02	17.94%	630209.33	-0.04	18.32%
Lasso Lars	627916.94	-0.33	18.21%	607261.99	0.00	17.76%
Lars	831396.92	-0.03	22.05%	607261.99	0.00	17.75%
AdaBoost	793464.37	0.02	23.31%	653114.10	0.07	18.58%

Models	Without PCA		MAPE	PCA (3 components)	
	MSE	R ²		MSE	R ²
Linear					
Regression	107236125.48	0.01	27.88%	106906837.92	0.01
Lasso					
Regression	127745308.26	0.12	36.57%	103388230.49	0.02
Decision					
Tree	134777212.87	0.18	38.00%	98501105.81	0.07
Random					
Forest	95390644.85	0.10	25.69%	92032913.25	0.13
Ridge	127064172.96	0.11	35.70%	105305752.04	0.00
ElasticNet	119845469.73	0.05	35.21%	103684573.28	0.02
SVR	106589283.16	0.01	27.52%	106627352.45	0.01
Bayesian					
Ridge	107221952.93	0.01	27.88%	107221960.43	0.02
Gradient					
Boosting	96605006.46	0.09	26.19%	109582953.87	0.04
Lasso Lars	107233510.81	0.02	27.88%	103452724.71	0.02
Lars	126196026.94	0.11	36.11%	105308653.34	0.00
AdaBoost	148137256.36	0.30	38.73%	106373421.48	0.01