Machine Learning
Supervised learning (I/P & O/P are present)
Regression - O/P is continuous numerical value
Simple linear is not used since we have more than 2 inputs

Algorithm	R Square Value
Multiple linear	**0.93**

Support Vector Machine					
(C) Penalty or Amount of regularization default C = 1.0	R Square (linear)	R Square (defalut = rbf)	R Square (poly)	R Square (sigmoid)	R Square (precomputed) N/A for this data set
0.01	0.88	-0.59	-0.59	-0.59	My dataset is not a square matrix (Same number of rows and columns)
0.001	0.89	-0.59	-0.59	-0.59	
0.0001	0.89	-0.59	-0.59	-0.59	
0.1	0.85	-0.59	-0.59	-0.59	
1.00	**0.96**	-0.59	-0.58	-0.59	
2.00	0.68	-0.59	-0.58	-0.59	

Decision Tree		
criterian default = squared_error	Splitter default = best	R Square
squared_error	best	0.91
friedman_mse	best	0.90
absolute_error	best	**0.96**
poisson	best	0.92
squared_error	random	0.74
friedman_mse	random	0.75
absolute_error	random	0.95
poisson	random	0.90