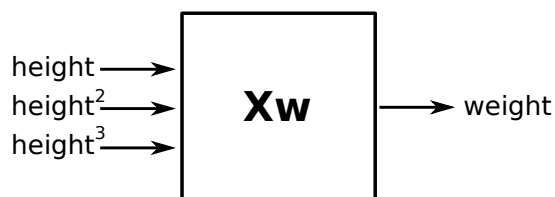


Lesson 5 (Feature Engineering) Use the data in the table below to predict the weight of a child using the height of the child and two additional, “engineered features,” height^2 and height^3 . Use the data set `height_weight.csv` to compute testing RMSE in the table below. ⁴

height	weight
67	128
67	123
72	129
69	143
69	132
70	142
67	112
67	118
66	108
68	119



max degree	training RMSE	testing RMSE
0		
1		
2		
3		

⁴Data source: [SOCR Data](#)