Move Well Being Well: Predicting VO2 Max Using FMS Testing of 5 to 14 Year Olds

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- Fundamental movement skills are analyzed in the age group.
- Dataset contains other categorical and continuous variables i.e., weight, height. BMI.
- VO2 max is predicted using regression and classification algorithms.
- Trying to find a non-exercise based way of predicting a young child's VO2 max.
- Very important measurement for classifying someone as healthy or more likely to participate in sports or physical activity.

	predicted_VO2max	VO2max
0	-0.436782	-0.852798
1	0.098130	1.990763
2	0.035436	-1.891758
3	-1.022486	-0.319736
4	0.831338	-0.852798
...	...	...
132	0.904672	-0.156762
133	-0.185770	-0.941075
134	1.312392	2.235224
135	-0.770395	-0.739055
136	-0.477554	-0.156762

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Support Vector Regression
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The mean absolute error is: 0.6501543027276919
The R2 score for the model is: 0.1883204435550101
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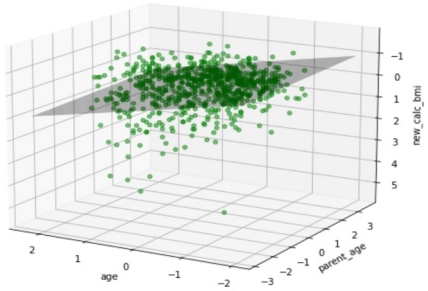

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