

Goal: Develop a model for predicting calories burned during exercise from the knowledge of available features.

How the value of calories burned is predicted?

The information available will show users how to burn calories in their regular routines in order to stay healthy.

Information about the data:

- Data has 9 columns and 15000 rows.

Visualization of Numerical Features:

- Plotted correlation matrix.
- Plotted distribution of features.

Data Pre-processing:

- Removed unnecessary columns.
- Data Encoded.

Splitting of Data:

Data is split with a test size of 20%.

Building of Regression Models:

XGboost algorithm is built.