ANALYSIS OF HEART RATE USING MACHINE LEARNING TECHNIQUE

The objective of the project is to analyze one of the vital sign which is the heart rate of a sportsman. The dataset used in this project is Heart rate with a time series of 15 days workout of a sportsman's. The dataset consists of two attributes which are Dates and Heart Rate. The machine learning algorithm used in this project is Linear Regression. The Dataset is download from Kaggle Website and the execution of the project is done using Kaggle python IDE. The accuracy observed by applying the Linear Regression algorithm for the Heartrate dataset is 73.2%.