Bitcoin price forecasting

Forecast the value of bitcoin for next 2 months using the historical data provided. Apply Linear Regression. Incorporate all the column.

Following these considerations.

1. Create a target column by averaging the low + high. Drop only open, close columns. Because all of them are contributions to a same value while all other columns are to be treated as features or inputs.
2. Preprocess the date column. Convert it into long format.
3. Apply Linear Regression and find the error both mean absolute and mean squared error.
4. Before applying machine learning divide the data into training and testing part with 70-30 aspect ratio.
5. Draw the linear regression line estimated by Model.
6. You can either use Scikit-learn to implement Linear Regression and can implement it from scratch.