**Abstract**

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I believe cryptocurrency fluctuation prediction is a conversation that can be shared among various disciplines, including Computer Science, Mathematics, Data Science and Economics.

It is no secret why price forecasting for cryptocurrency has become a trending research topic globally.

Despite the various factors that contribute to cryptocurrencies volatile behaviour, many machine learning and deep learning networks have been used to predict cryptocurrency prices with great accuracy.

In this project I used a Temporal Convolutional Network (TCN) algorithm to predict the prices of three types of cryptocurrencies, namely Bitcoin (BTC), Ethereum (ETH) and Ripple (XRP).

I used time-series data from 17/08/2017 up until 01/01/2022.

The main goal behind this algorithm was to achieve a reliable dependable model that investors can rely on, based on past cryptocurrency prices.