NEURAL NETWORK FOR FINANCIAL ASSETS FORECASTING

Gabriel Andrés Acevedo F. Machine Learning 2021 - 1

Data forecasting is an important activity when we need to predict the possible future behavior of the variables that we have in study, since according to that, we will take a decision or not.

Dataset: The information used for training models correspond to the gold price between the years 2010 - 2021. It was taken from the plataform *StrategyQuant* as japanese candles of temporalities D1, H4, H1, M15, M5.

Architecture: Was built a transformer-decoder neural network with a causal convolutional embedding. The goal was to get a mechanism able to identify patterns throughout long time series.

