We will explore how RNNs can be applied to univariate and multivariate time series to predict asset prices using market or fundamental data.

Designing and training RNNs for univariate and multivariate time

series in Python.

More specifically, we'll first demonstrate how to prepare time-series data to predict the next value for **univariate time series** with a single LSTM layer to predict stock index values, Next, we will demonstrate how to model multivariate time series using an RNN.

Univariate regression – predicting the S&P 500