



Introduction



Video: Introduction, A conversation with Andrew Ng
3 min

Sequences and Prediction



Video: Time series examples
4 min



Video: Machine learning applied to time series
1 min



Video: Common patterns in time series
5 min



Video: Introduction to time series
4 min



Reading: Introduction to time series notebook
10 min



Video: Train, validation and test sets
3 min



Video: Metrics for evaluating performance
2 min



Video: Moving average and differencing
2 min



Video: Trailing versus centered windows
1 min



Video: Forecasting
4 min



Reading: Forecasting notebook
10 min



Quiz: Week 1 Quiz
9 questions



Reading: Week 1 Wrap up
10 min



Week 1 Wrap up

This week you explored the nature of time series data, and you saw some of the more common attributes of them, including things like seasonality and trend. You looked at some statistical methods for predicting time series data also.

Next week you're going to start to look into using DNNs for time series classification, including the important tasks of understanding how to break up a time series into training and validation data!

✓ Complete

Go to next item

