



## Recurrent Neural Networks for time series

- ✓ **Video:** Week 3 - A conversation with Andrew Ng  
3 min
- ✓ **Video:** Conceptual overview  
2 min
- ✓ **Video:** Shape of the inputs to the RNN  
2 min
- ✓ **Video:** Outputting a sequence  
1 min
- ✓ **Video:** Lambda layers  
1 min
- ✓ **Video:** Adjusting the learning rate dynamically  
2 min
- ✓ **Reading:** More info on Huber loss  
10 min
- ✓ **Video:** RNN  
1 min
- ✓ **Reading:** RNN notebook  
10 min
- ✓ **Video:** LSTM  
1 min
- ✓ **Reading:** Link to the LSTM lesson  
10 min
- ✓ **Video:** Coding LSTMs  
2 min
- ✓ **Video:** More on LSTM  
1 min
- ✓ **Reading:** LSTM notebook  
10 min
- 🔒 **Quiz:** Week 3 Quiz  
8 questions
- ✓ **Reading:** Week 3 Wrap up  
10 min



# Week 3 Wrap up

Now that you've built on your DNNs with RNNs and LSTMs, it's time to put it all together using CNNs and some real world data.

Next week you'll do that, exploring prediction of sunspot data from a couple of hundred years worth of measurements!

✓ Complete

Go to next item

