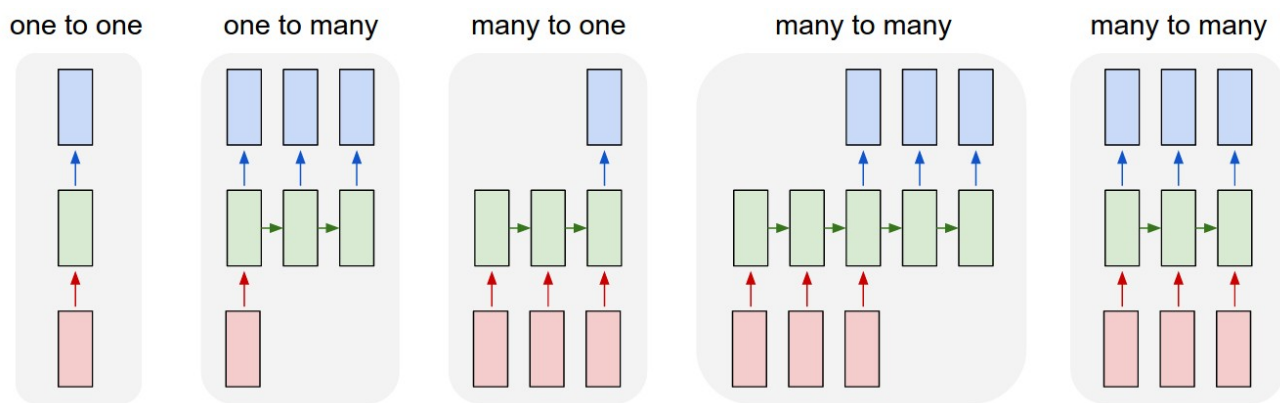network (VGGnet), to classify images of flowers the network has never seen before, a technique known as *transfer learning*.

Recurrent Neural Networks

In this part, you'll learn about Recurrent Neural Networks (RNNs)—a type of network architecture particularly well suited to data that forms sequences like text, music, and time series data. You'll build a recurrent neural network that can generate new text character by character.

Then, you'll learn about word embeddings and implement the Word2Vec model, a network that can learn about semantic relationships between words. These are used to increase the efficiency of networks when you're processing text.