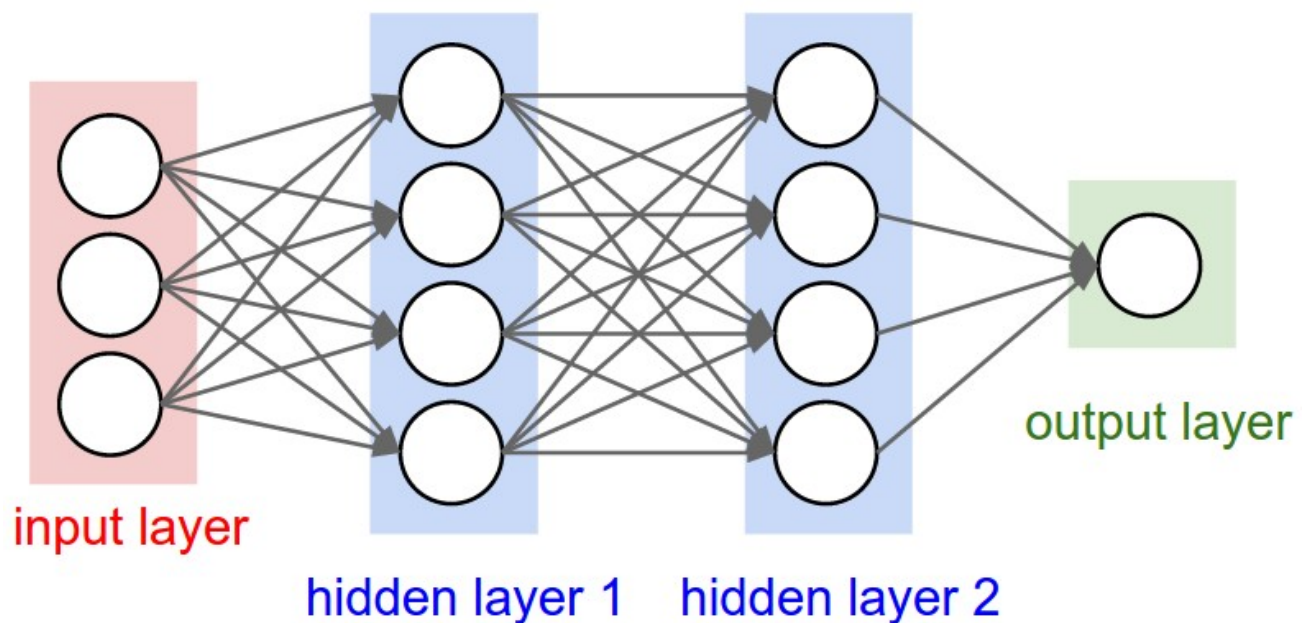The **first project** is also available this week. In this project, you'll predict bike ridership using a simple neural network.

You'll also learn about model evaluation and validation, an important technique for training and assessing neural networks. We also have guest instructor Andrew Trask, author of Grokking Deep Learning, developing a neural network for processing text and predicting sentiment.

Convolutional Networks

Convolutional networks have achieved state of the art results in computer vision. These types of networks can detect and identify objects in images. You'll learn how to build convolutional networks in TensorFlow.