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- Practice Assignment: Classification Using Deep Neural Networks
- N-grams vs. Sequence Models

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Week 1Application of RNNs

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Application of RNNs

RNNs could be used in a variety of tasks ranging from machine translation to caption generation. There are many ways to implement an RNN model:

- One to One: given some scores of a championship, you can predict the winner.
- One to Many: given an image, you can predict what the caption is going to be.
- Many to One: given a tweet, you can predict the sentiment of that tweet.
- Many to Many: given an english sentence, you can translate it to its German equivalent.

In the next video, you will see the math in simple RNNs.

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