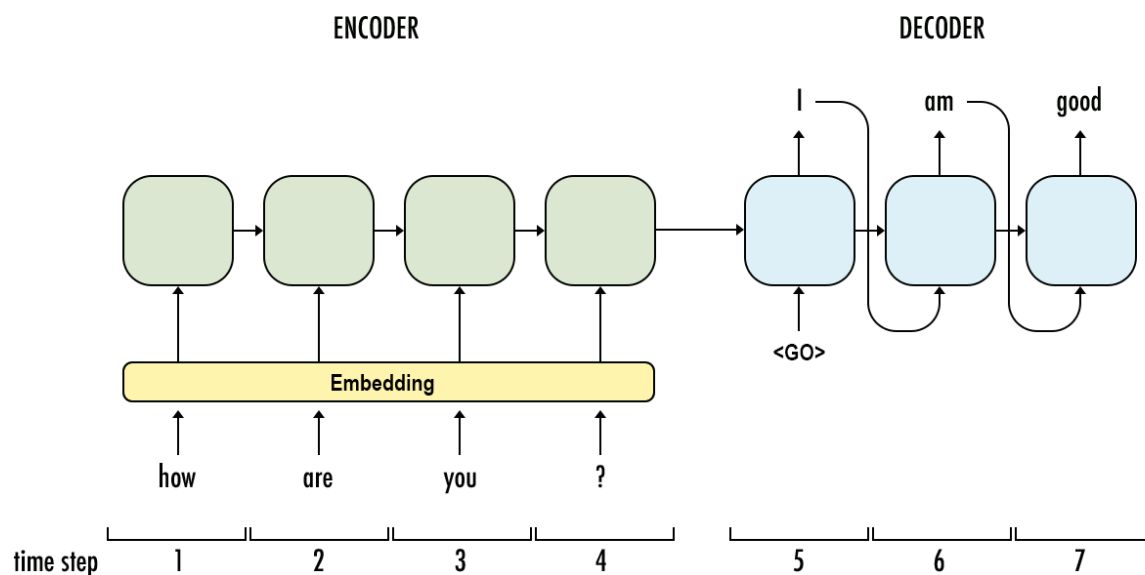You'll combine embeddings and an RNN to predict the sentiment of movie reviews, an example of common tasks in natural language processing.

In the **third project**, you'll use what you've learned here to generate new TV scripts from episodes of The Simpson's.

Generative Adversarial Networks

Generative adversarial networks (GANs) are one of the newest and most exciting deep learning architectures, showing incredible capacity for understanding real-world data. The networks can be used for generating images such as the CycleGAN project.