Questions

“Training”

1. What is the “temperature”?
2. When generating text using a trained RNN model, do we obtain cleaner samples using a high temperature or a low temperature?
3. What is “teaching-forcing”? Is it used during training or evaluation?
4. What loss function do we use when training an RNN model to generate text? Why?

“Generalization”

1. We did not set aside a “test set” for our generative RNN model. Why?
2. Is text generation a supervised or unsupervised learning problem?
3. During training, we use the ground-truth sequence as input to the RNN. However, during test time, we used the generated sequences as input. Can the disconnect between what is done during training and what is done be a problem? Why or why not?