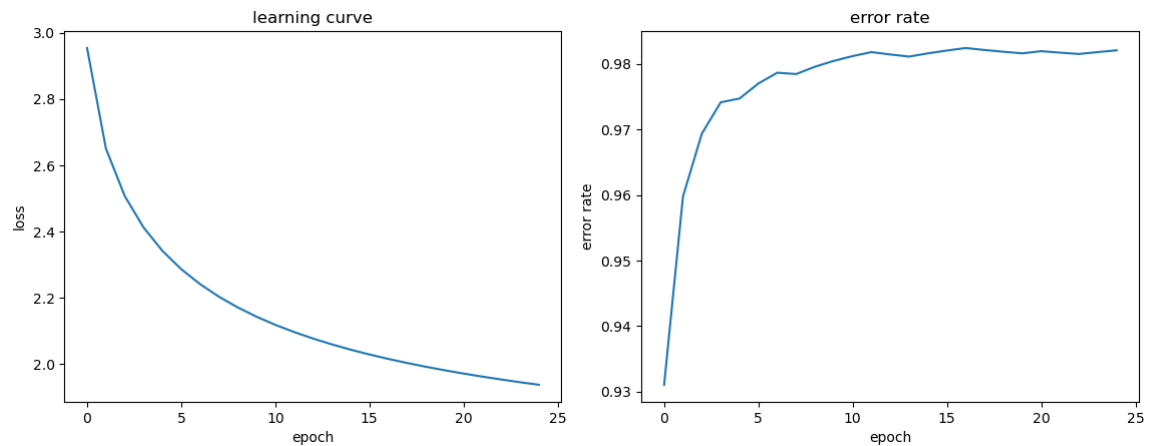


## HW3

### ● RNN

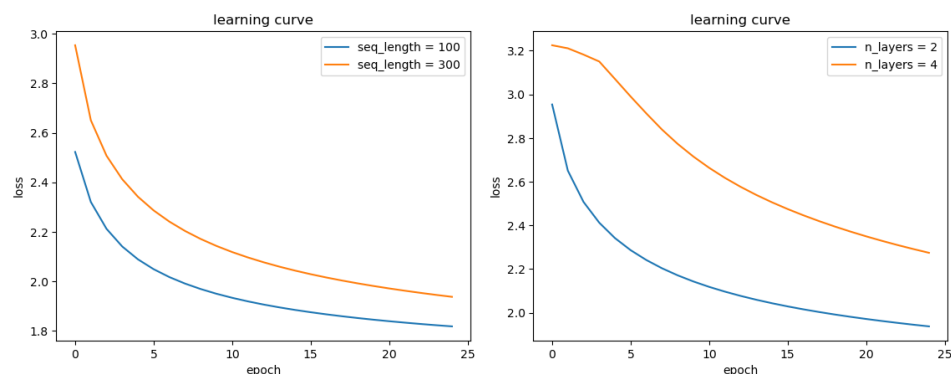
1. Network architecture : RNN -> dropout -> fully-connected
- 2.



### 3. 5 breakpoints

- I. Epoch 5 : Before we proceed the compont and the compont of the compont of the compont of the compo
- II. Epoch 10 : Before we proceed to the courtesy, and the state.The sentence of the stare of the state.The sentence of the stare to t
- III. Epoch 15 : Before we proceeding to the seast.The sense of my lord, and the best command to the seast.The sense of my lord, and th
- IV. Epoch 20 : Before we proceed to the state of the state,The world and the state of the state of the state,The world and the state
- V. Epoch 25 : Before we proceed the such a thing to the courtesy, the state of the courtesy of the courtesy of the courtesy of the c

### 4. Compare with different sequence length and n\_layers

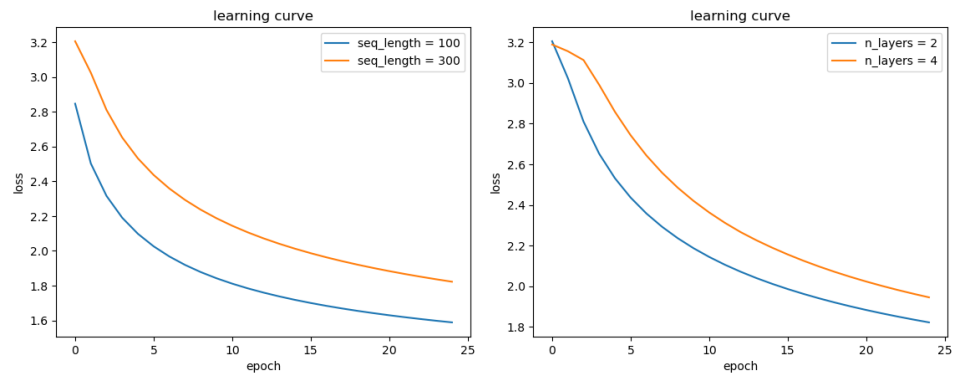


- Fuck of the state of the state of the courtesy,The state of the state of the  
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state of the state of the state of the courtesy,The state of the state of the  
state of the courtesy,The state of the state of the state of the courtesy,The

1. Network architecture : RNN -> dropout -> fully-connected
- 2.

3. 5 breakpoints
  - I. Epoch 5 : Before we proceed the stand,And then the state of the stand of the stand,And the will stand of the stand of the stand,
  - II. Epoch 10 : Before we proceed to the sea,And therefore the state of the state of thee,The sea of the state of the state of thee,Th
  - III. Epoch 15 : Before we proceed the state of the state,And therefore shall be so the strength of thee,And then the strength of the s
  - IV. Epoch 20 : Before we proceed the sea of the state,And then the streets of the sea of the state,That we have seen the state of the
  - V. Epoch 25 : Before we proceed the sea of thee,That the sea of the state of the sea of the state.The season of the state of the sea

#### 4. Compare with different sequence length and n\_layers



5. Generate some words, use 'Fuck' as the prime text :

Fuck of the state of the state of the state,And the state of the state of the  
state of the state,And the state of the state of the state of the state,And the  
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state of the state,And the state of the state of the state of the state,And the