

Learning the Alphabet

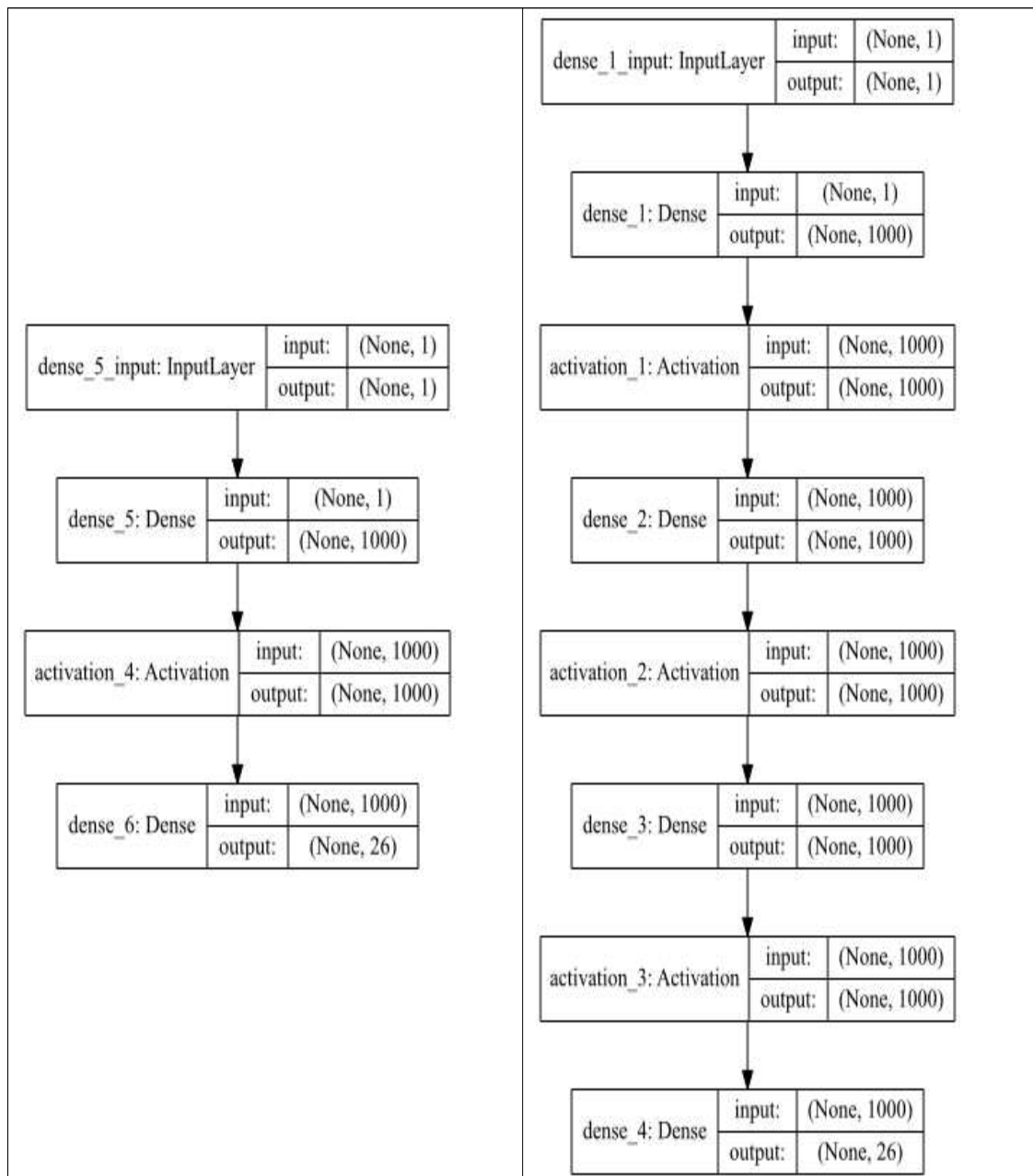
V2016120 김태형

목적

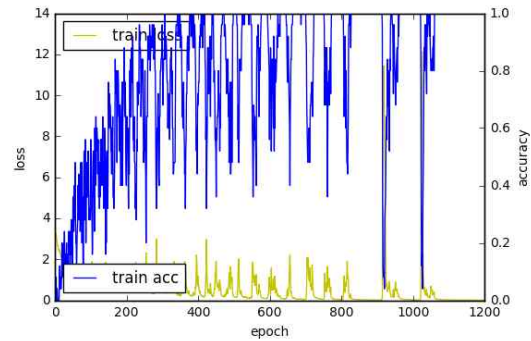
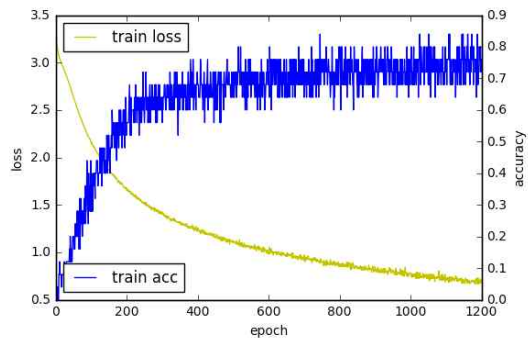
- Deep Neural Network를 이용한 Alphabet 학습

ex) 'A' -> 'B' ... 'Y' -> 'Z'

모델 비교 구성



모델 학습 시각화



데이터 예측

```
Model Accuracy: 80.00%
['A'] -> B
['B'] -> C
['C'] -> D
['D'] -> E
['E'] -> F
['F'] -> G
['G'] -> H
['H'] -> I
['I'] -> J
['J'] -> K
['K'] -> L
['L'] -> M
['M'] -> N
['N'] -> O
['O'] -> P
['P'] -> Q
['Q'] -> R
['R'] -> T
['S'] -> T
['T'] -> T
['U'] -> W
['V'] -> W
['W'] -> Y
['X'] -> Z
['Y'] -> Z
```

```
Model Accuracy: 100.00%
['A'] -> B
['B'] -> C
['C'] -> D
['D'] -> E
['E'] -> F
['F'] -> G
['G'] -> H
['H'] -> I
['I'] -> J
['J'] -> K
['K'] -> L
['L'] -> M
['M'] -> N
['N'] -> O
['O'] -> P
['P'] -> Q
['Q'] -> R
['R'] -> S
['S'] -> T
['T'] -> U
['U'] -> V
['V'] -> W
['W'] -> X
['X'] -> Y
['Y'] -> Z
```