

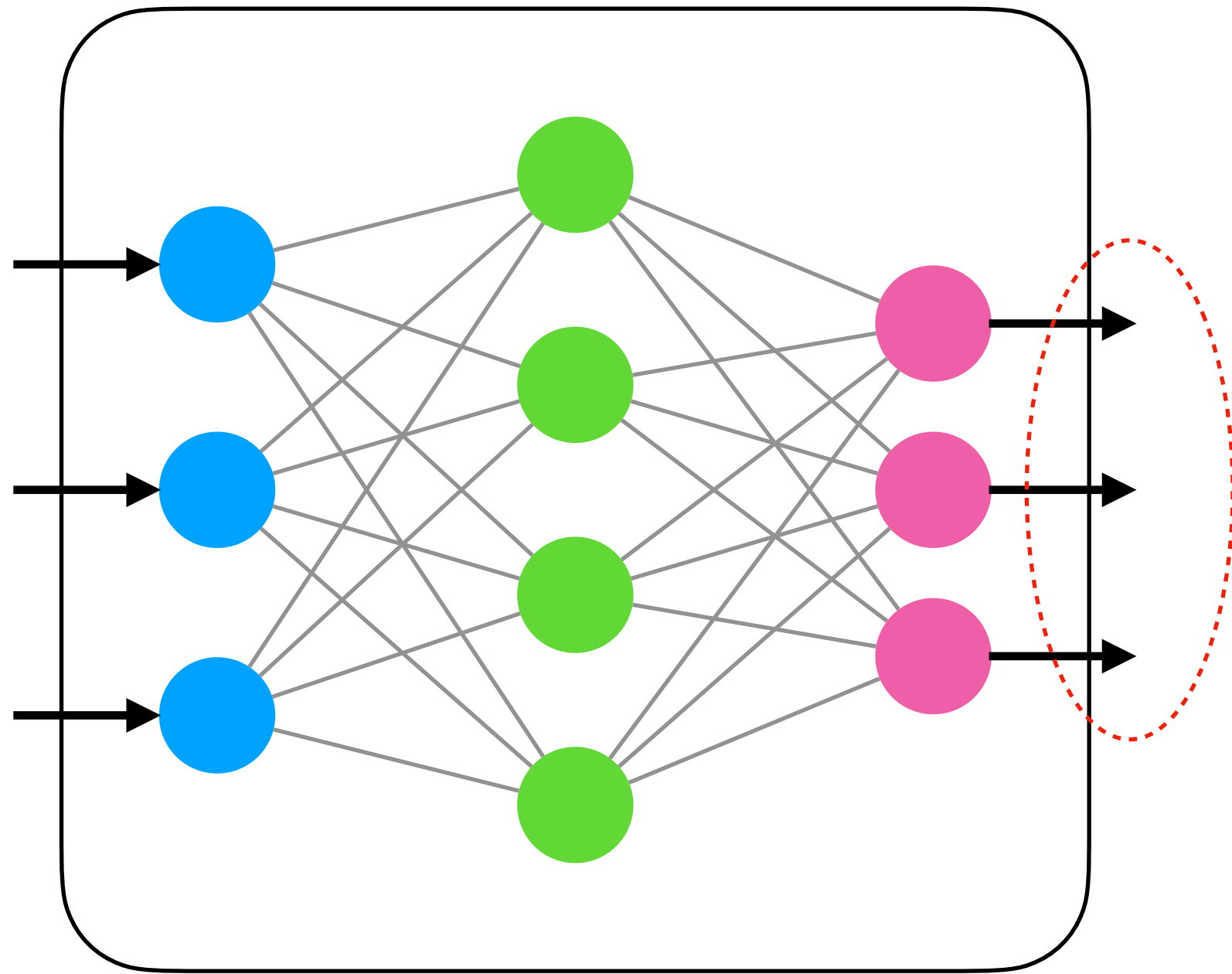
ICT이노베이션스퀘어 AI복합교육 고급 언어과정

자연어처리를 위한 Softmax

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What is Softmax



$$\hat{y}_i = \frac{e^{x_i}}{\sum_{j=1}^C e^{x_j}}$$

입력을 확률분포로 변환하는 함수

What is Softmax

$$\hat{y}_i = \frac{e^{x_i}}{\sum_{j=1}^C e^{x_j}}$$

0.9
1.2
-0.4

x

2.46
3.32
0.67

e^x

$$\sum_{j=1}^C e^{x_j} = 6.45$$

0.38
0.52
0.10

\hat{y}

$$\sum_{j=1}^C \hat{y}_j = 1$$

감사합니다.