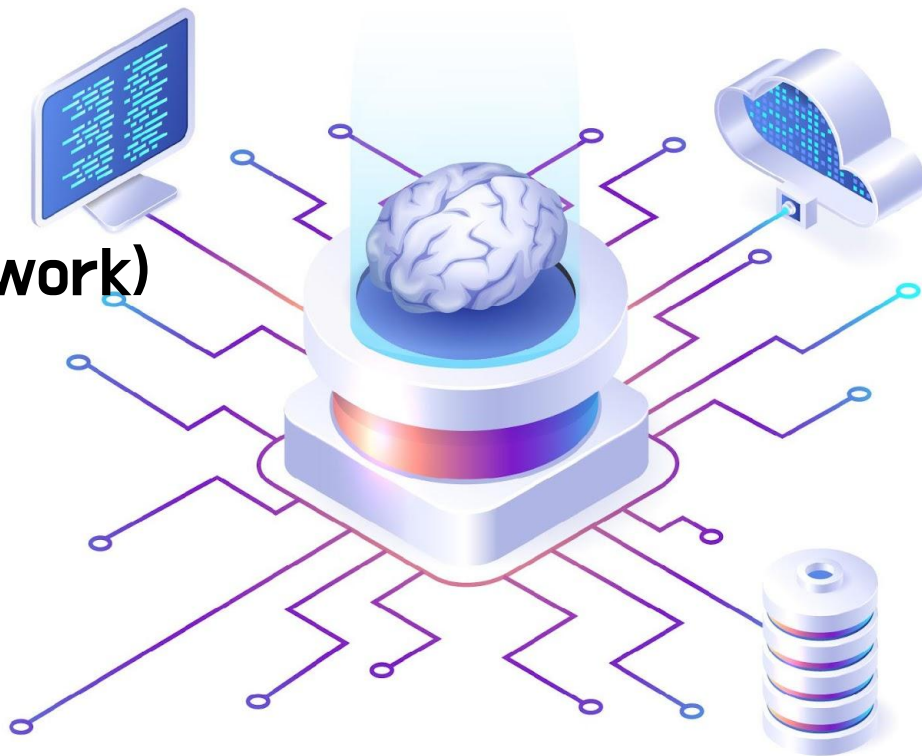


# CNN (Convolutional Neural Network)

실무형 인공지능 자연어처리

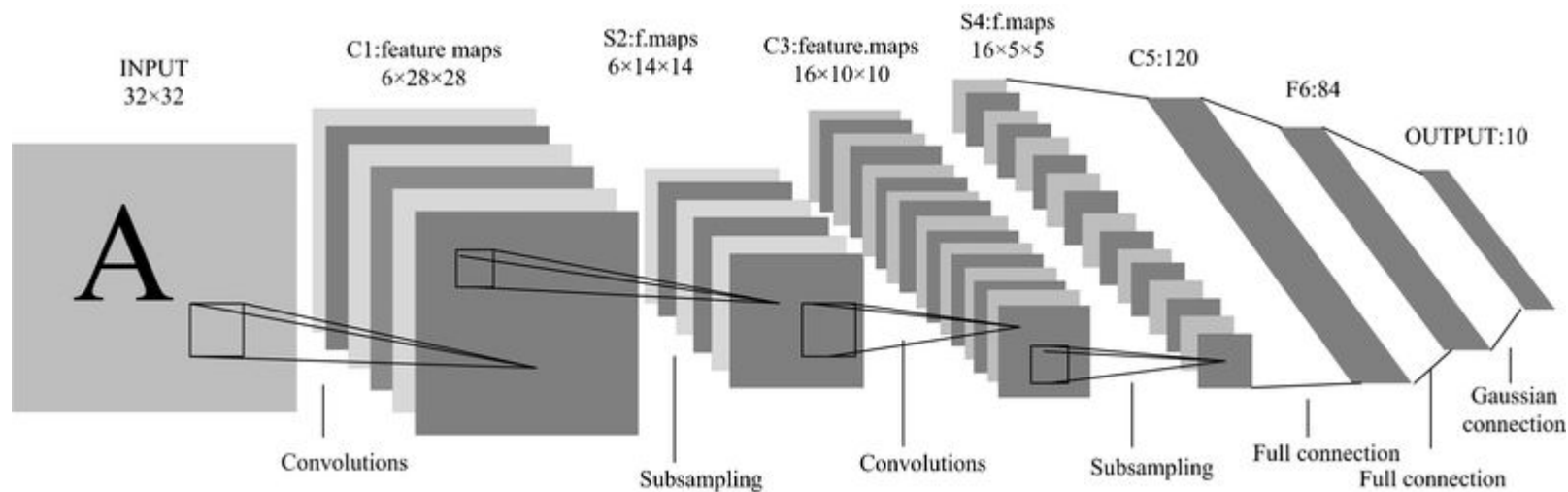


# CNN (Convolutional Neural Network)

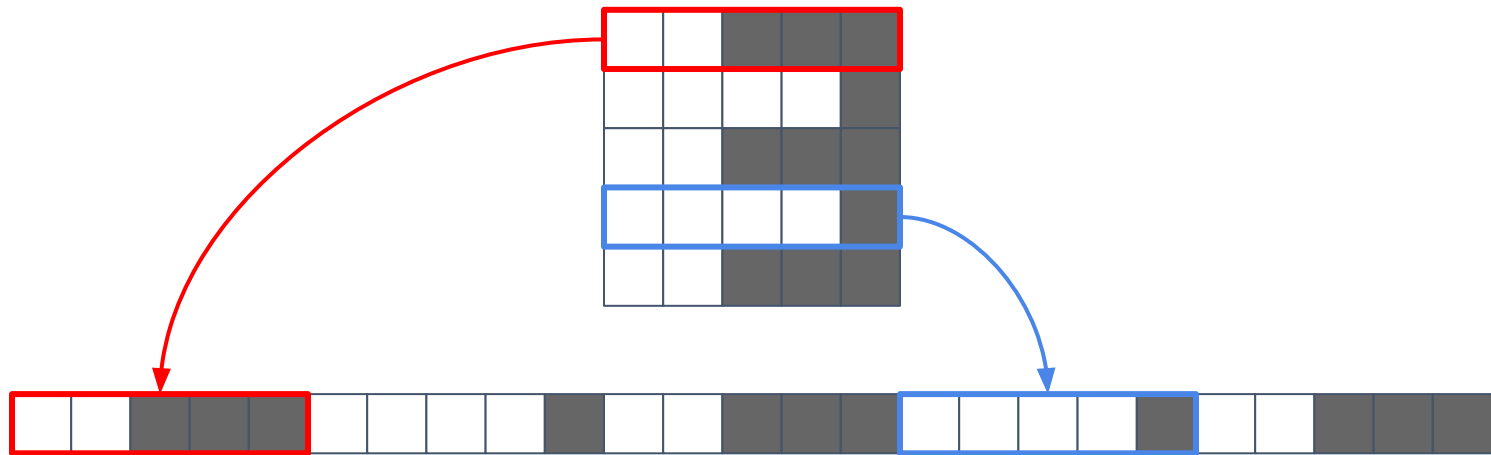


<http://cs231n.stanford.edu/>

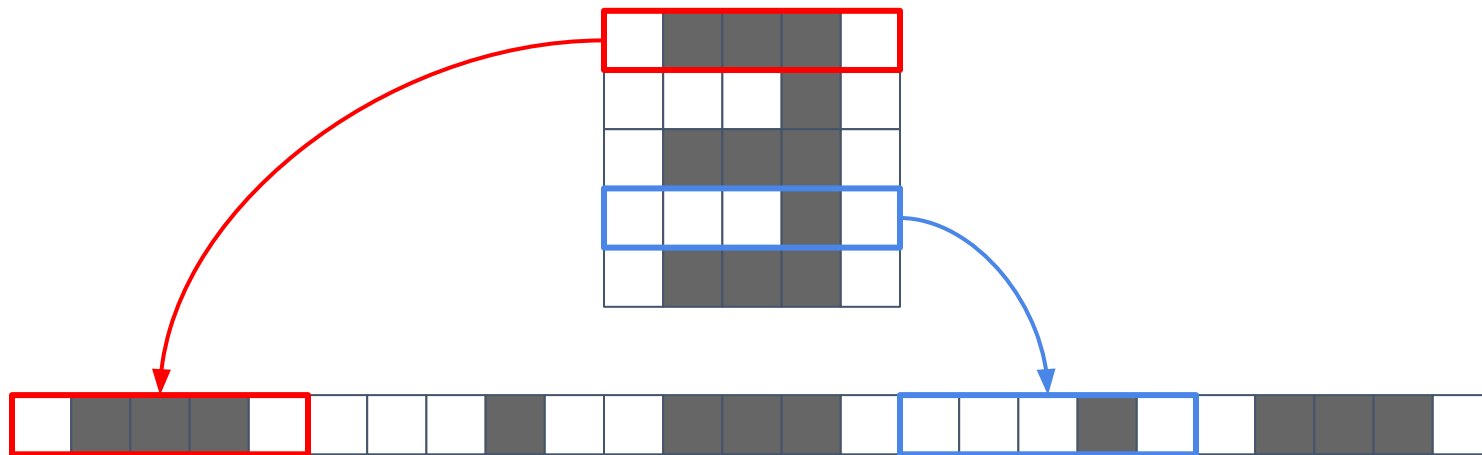
# CNN (Convolutional Neural Network)



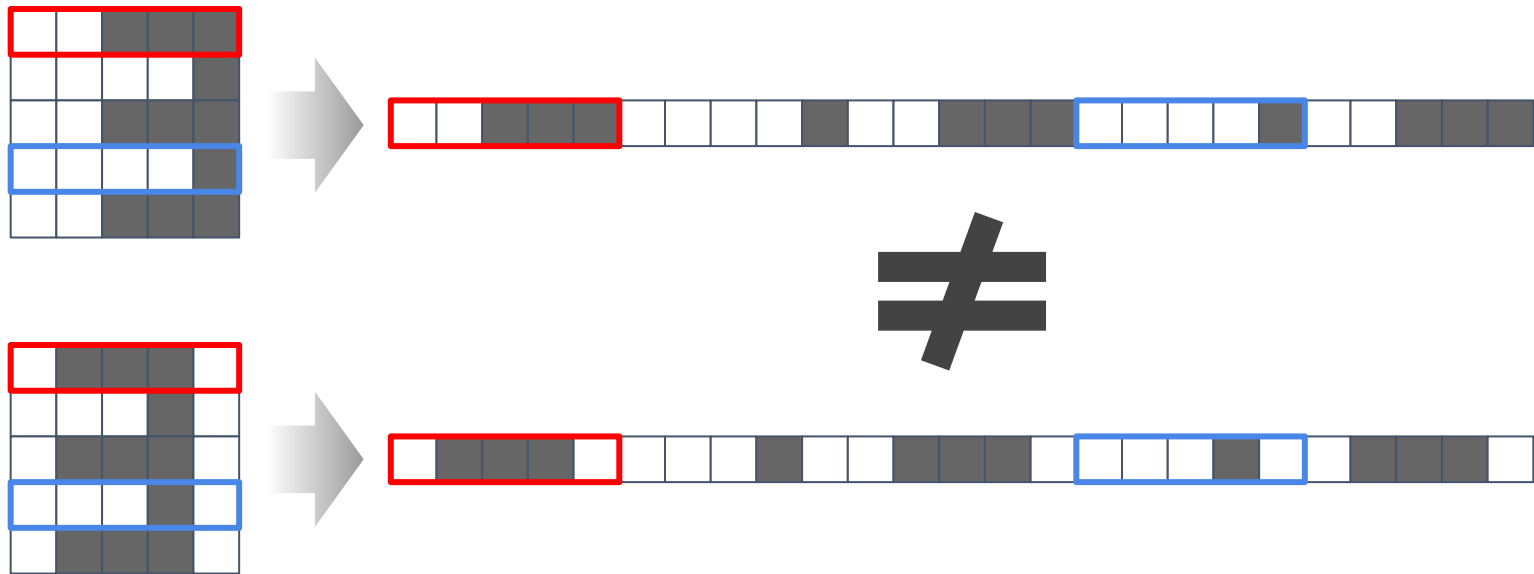
# CNN (Convolutional Neural Network)



# CNN (Convolutional Neural Network)



# CNN (Convolutional Neural Network)



# CNN (Convolutional Neural Network)

1 <sub>x1</sub>	1 <sub>x0</sub>	1 <sub>x1</sub>	0	0
0 <sub>x0</sub>	1 <sub>x1</sub>	1 <sub>x0</sub>	1	0
0 <sub>x1</sub>	0 <sub>x0</sub>	1 <sub>x1</sub>	1	1
0	0	1	1	0
0	1	1	0	0

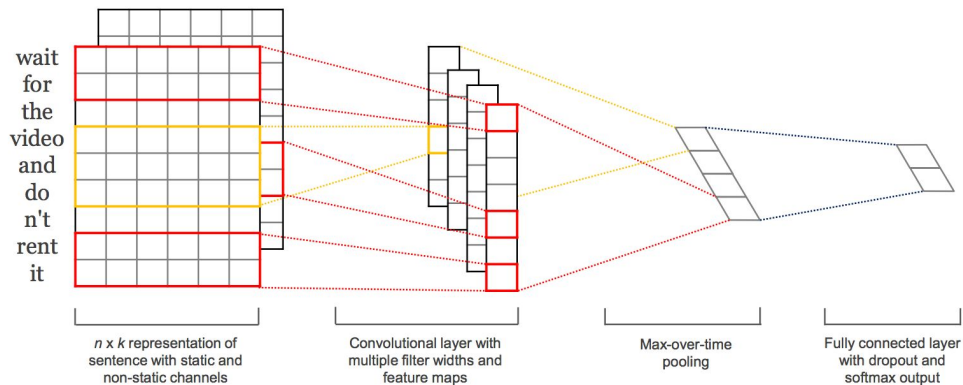
Image

4		

Convolved  
Feature

# Convolutional Neural Networks for Sentence Classification

<https://www.aclweb.org/anthology/D14-1181/>



[www.aclweb.org](http://www.aclweb.org) › [anthology](#) ▼ [이 페이지 번역하기](#)

## Convolutional Neural Networks for Sentence Classification ...

Convolutional Neural Networks for Sentence Classification · Yoon Kim. Anthology ID: D14-1181;

Volume: Proceedings of the 2014 Conference on Empirical ...

Y Kim 저술 - 2014 - 8235회 인용 - [관련 학술자료](#)



## Yoon Kim

[https://scholar.google.com/citations?user=n\\_ts4eYAAAAJ&hl=en](https://scholar.google.com/citations?user=n_ts4eYAAAAJ&hl=en)


Yoon Kim

FOLLOW

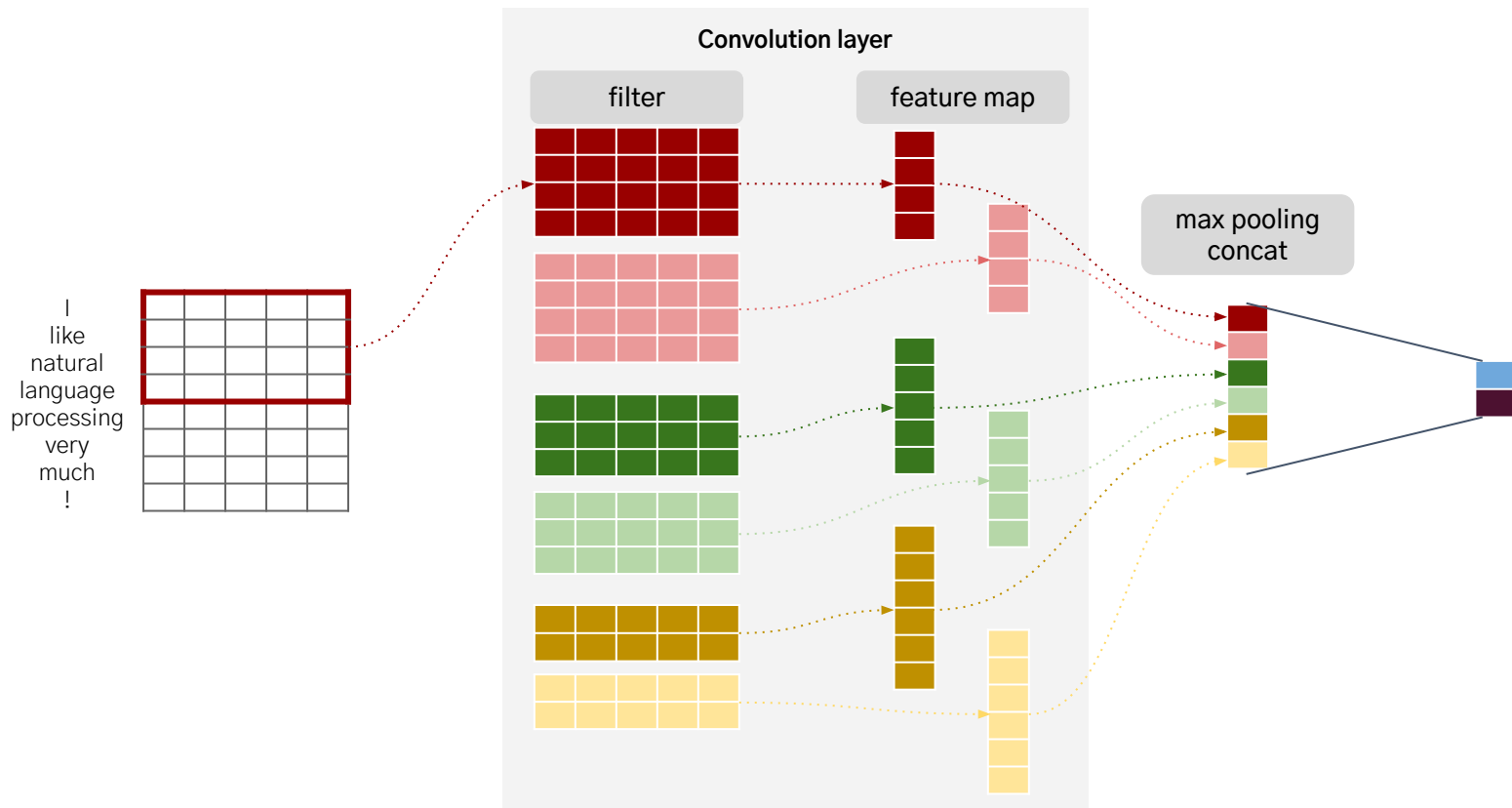
MIT-IBM Watson AI Lab

Verified email at seas.harvard.edu - [Homepage](#)

Machine Learning Natural Language Processing Deep Learning

TITLE	CITED BY	YEAR
<a href="#">Convolutional Neural Networks for Sentence Classification</a> Y Kim EMNLP 2014	8235	2014
<a href="#">Character-Aware Neural Language Models</a> Y Kim, Y Jernite, D Sontag, AM Rush AAAI 2016	1335	2015
<a href="#">OpenNMT: Open-Source Toolkit for Neural Machine Translation</a> G Klein, Y Kim, Y Deng, J Senellart, AM Rush ACL 2017 (System Demonstrations)	1021	2017
<a href="#">Sequence-Level Knowledge Distillation</a> Y Kim, AM Rush EMNLP 2016	288	2016
<a href="#">Structured Attention Networks</a> Y Kim, C Denton, L Hoang, AM Rush ICLR 2017	216	2017
<a href="#">Temporal Analysis of Language through Neural Language Models</a> Y Kim, YI Chiu, K Hanaki, D Hegde, S Petrov Proceedings of the ACL 2014 Workshop on Language Technologies and ...	204	2014

# CNN for Sentence Classification



# CNN for Sentence Classification

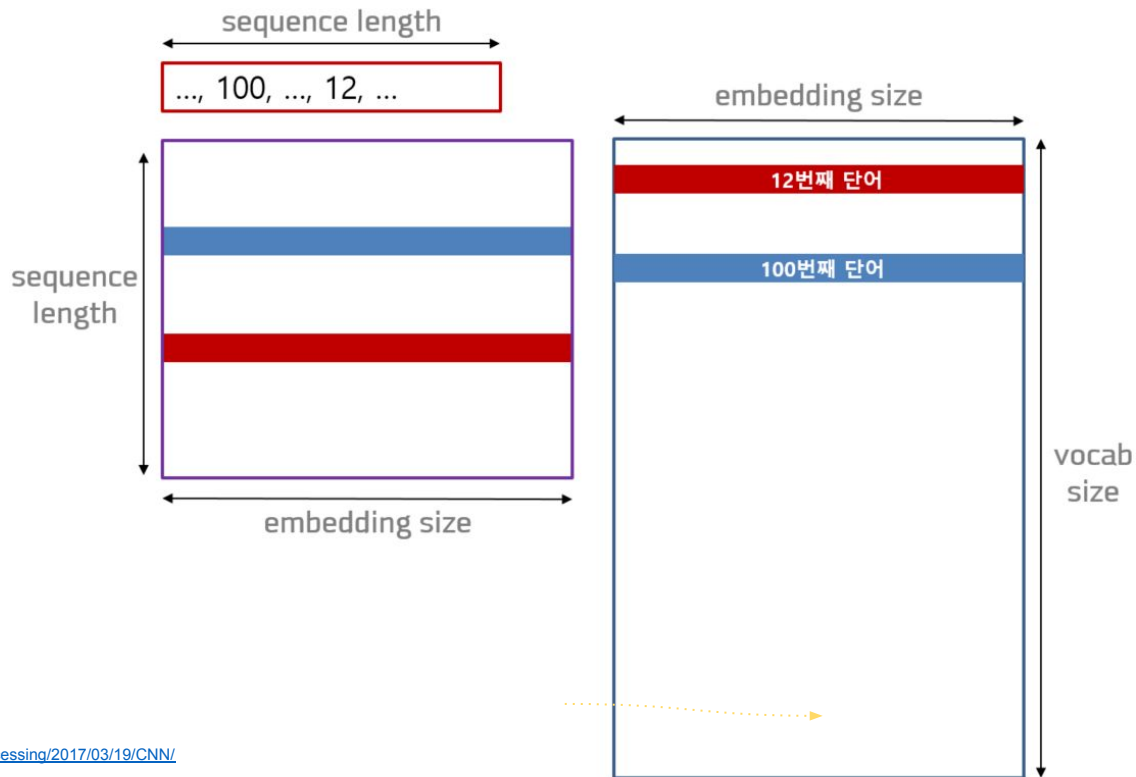
image

단어	V1	V2	V3	V4	...	Vp-2	Vp-1	Vp
W1								
W2								
W3								
...								
Wn-2								
Wn-1								
Wn								



<https://ratsgo.github.io/natural%20language%20processing/2017/03/19/CNN/>

# CNN for Sentence Classification



<https://ratsgo.github.io/natural%20language%20processing/2017/03/19/CNN/>

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