

# AI

/ ( )

Coursera [by Andrew Ng](#)  
/ [Neural Networks](#)

Machine Learning

## Terms

1. [ Artificial Intelligence( ), AI ] :

- Narrow AI ( AI) : AI
- General AI ( AI) : AI

2. [ Machine Learning, ML, ] :

- ' (explicit programming)' , AI
- , ,
- ,
- (explicit programming) : ,
- \_\_\_\_\_ : DNN ,
- \_\_\_\_\_ : ,

. , , ( 가 , )

3. [ Deep Learning, Deep Structured Learning, ] :

- (Neural Network)
- (Layer) 가
- 가 , Deep 가 .
  - (Unit)
    - (Dendrites, )
    - (Myelin Sheath, )
    - (Cell Nucleus, )
    - (Axon, )
    - 가 (Axon terminals, )

4. ANN [ Artificial Neural Network( ), ]

- 

5. DNN [ Deep Neural Network ]

- ANN 가 ,

6. CNN [ Convolution Neural Network( ), ]]

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- 
- 
- 

7. RNN [ Recurrent Neural Network( , ) ]

- Weight , ,

8. Classification ( , )

- supervised learning( , )

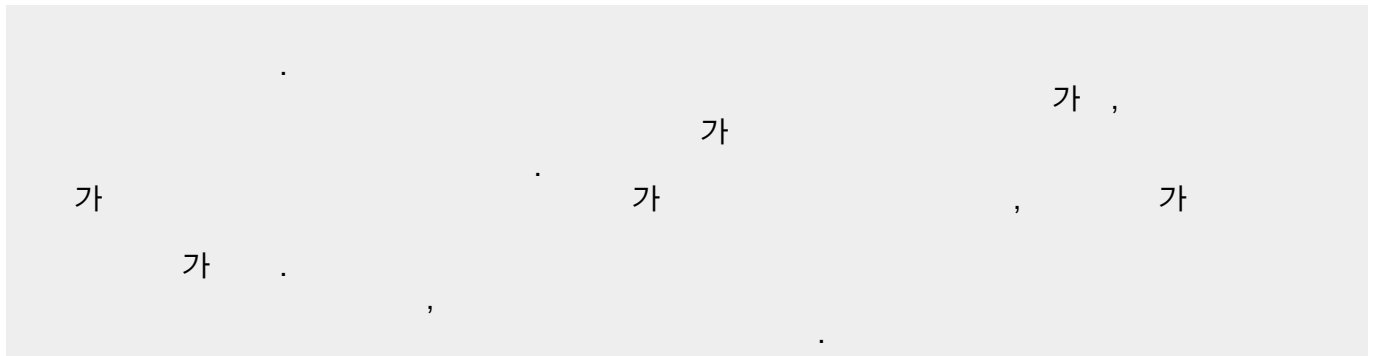
9. Bias ( , )

- Intercept,

10. Clustering ( , )

- unsupervised learning( , )

- 11. Matrix ( , )
- 12. Feature ( , )
- 13. Regression ( , )
- 14. Category ( , )
- 15. Entropy vs Cross Entropy ( , )



> : (<http://www.aitimes.kr>)

16. Backpropagation ( , )

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## Ref

What are the benefits of white-box models in machine learning?

: AI --  
, AI

[ 가?  
]ANN, DNN, CNN, RNN

(Deep Learning) 😊



## Image



, ai, 2013

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