

# 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)

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

#### 4. ANN [ Artificial Neural Network( ), ]

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#### 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( , )

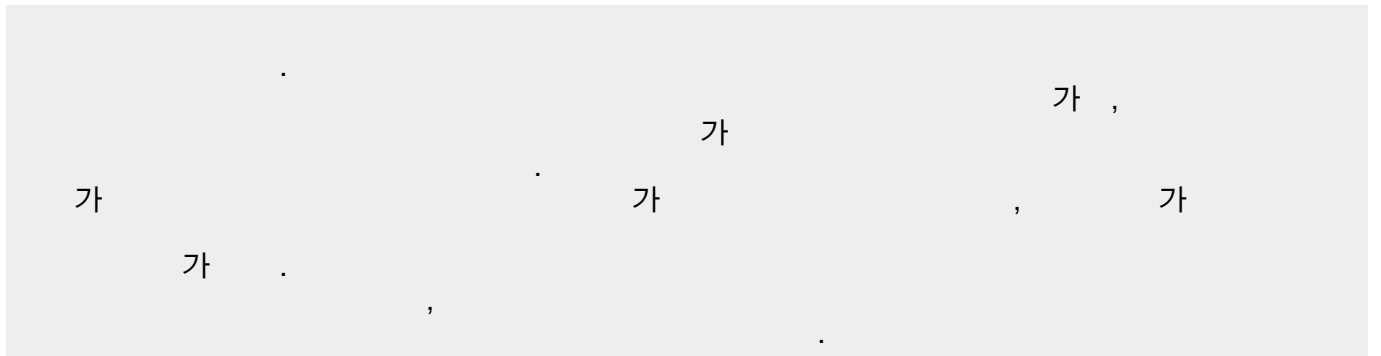
#### 11. Matrix ( , )

#### 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?

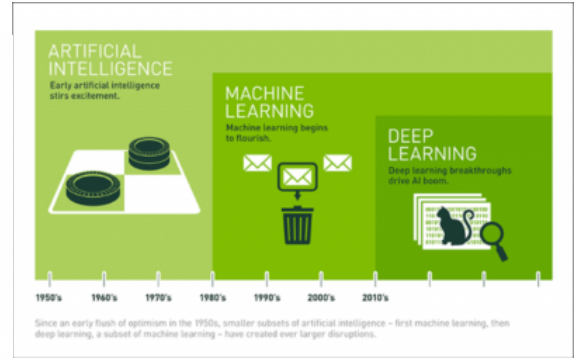
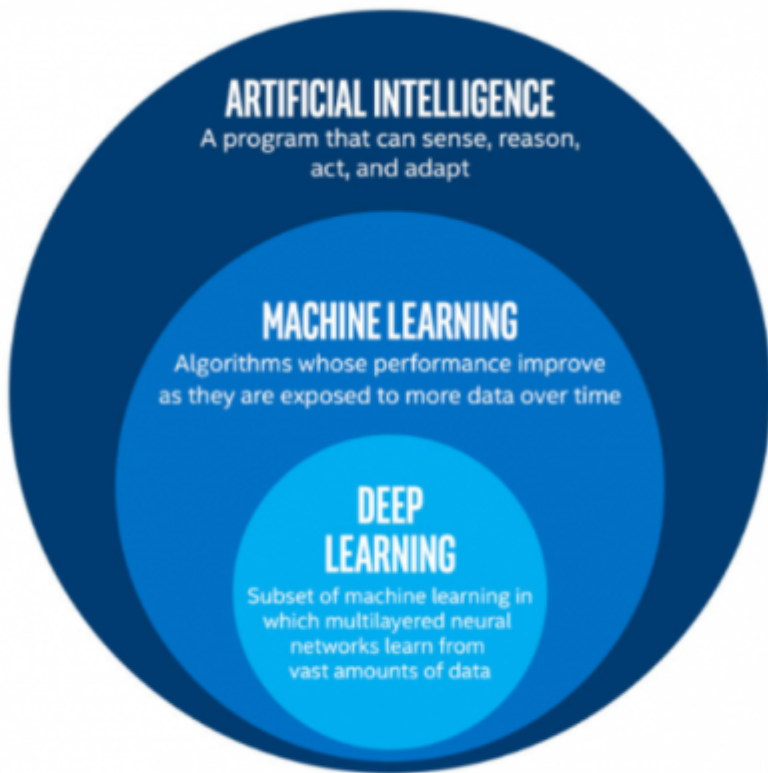
, AI : AI --

[ 가? ]ANN, DNN, CNN, RNN

(Deep Learning) 😊



## Image



인공지능 & 머신러닝 & 딥러닝

, , ai, 2013

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