

# AI

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

## Machine Learning

### Terms

- [ Artificial Intelligence( ), AI ] :
  - Narrow AI ( AI) : AI
  - General AI ( AI) : AI
- [ Machine Learning, ML, ] :
  - ' (explicit programming)' AI
  - ,
  - ,
  - ,
  - (explicit programming) :
  - ,
  - ,
  - \_\_\_\_\_ : DNN
  - \_\_\_\_\_ : ( 가 , )
- [ 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( ), ]

- 

5. DNN [ Deep Neural Network ]

- ANN 가 ,

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

- 

7. RNN [ Recurrent Neural Network( , ) ]

- Weight , ,

8. Classification ( , )

- supervised learning( , )

9. Bias ( , )

- Intercept,

10. Clustering ( , )

- unsupervised learning( , )

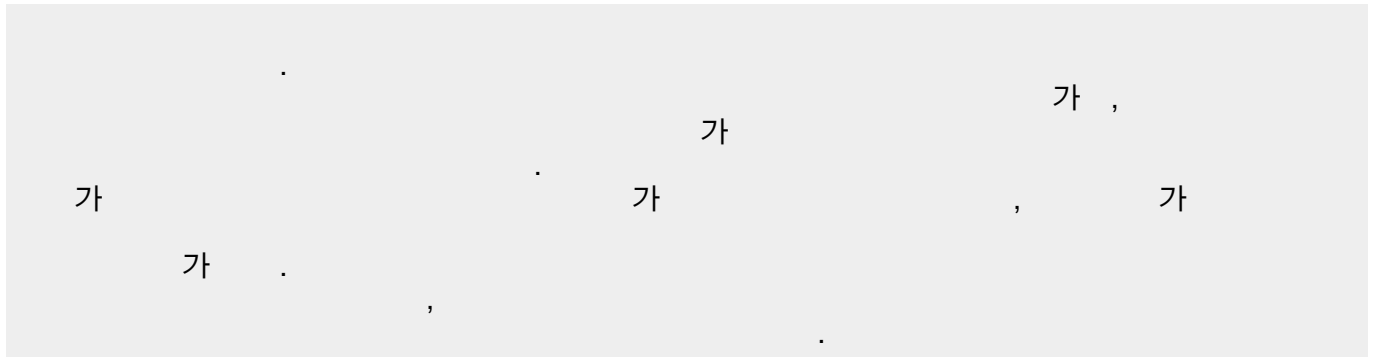
11. Matrix ( , )

12. Feature ( , )

13. Regression ( , )

14. Category ( , )

### 15. Entropy vs Cross Entropy ( , )



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

## Ref

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

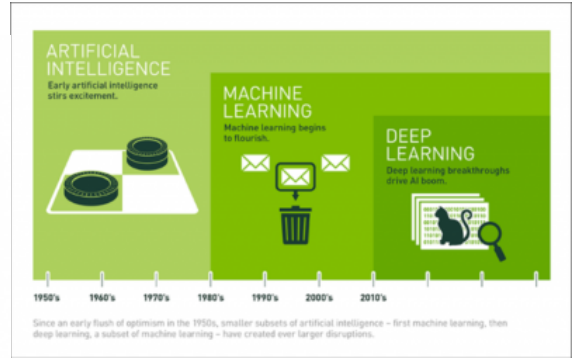
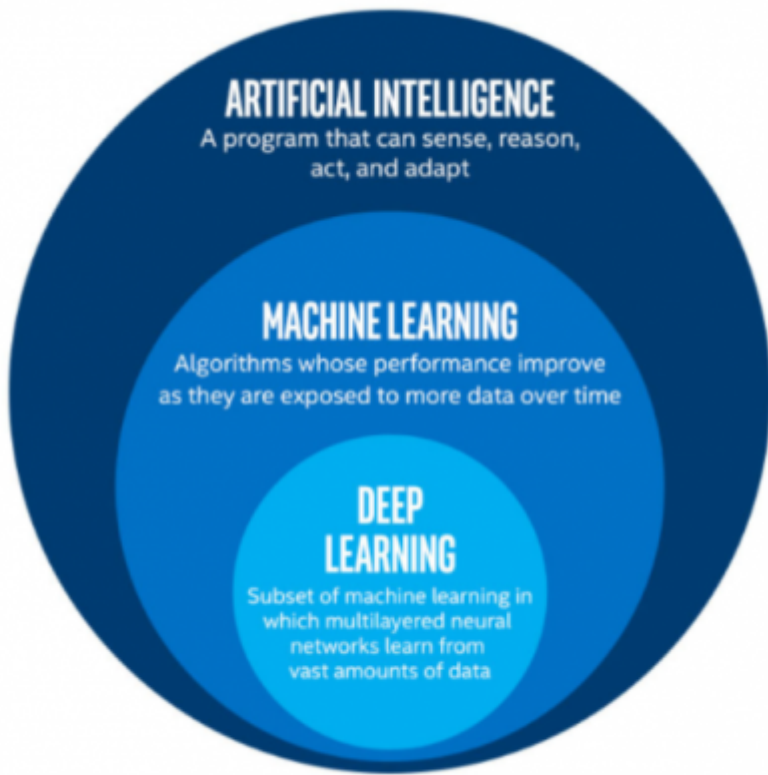
, AI : AI --

[ 가? ]ANN, DNN, CNN, RNN

(Deep Learning) 😊



## Image



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, , ai, 2013

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