

AI

- * BERT
- * ELMo
- *

/ ()

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(),]]

-
-
-
-

7. RNN [Recurrent Neural Network(,)]

- Weight , ,

8. Classification (,)

- supervised learning(,)

9. Bias (,)

- Intercept,

10. Clustering (,)

- unsupervised learning(,)

11. Matrix (,)

- [Matrix multiplication](#)

- (Generative Adversarial Network)
- ,
- :
- :
 - GAN (deepfake) :
 1. (deep learning) 가 (fake)
 2. .
 3. GAN() , (CG)
 - Ref
 1. " ? " AI ' []
 2. iperov/DeepFaceLab
 3. Easy Deepfake Tutorial: DeepFaceLab 2.0 Quick96

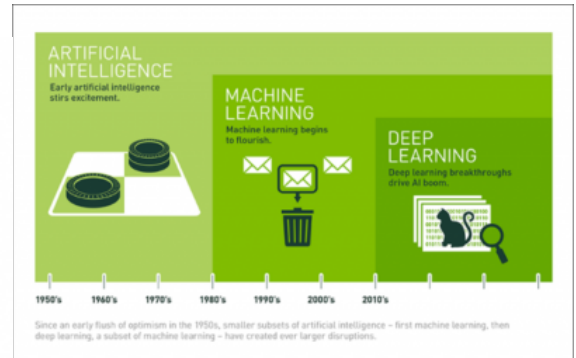
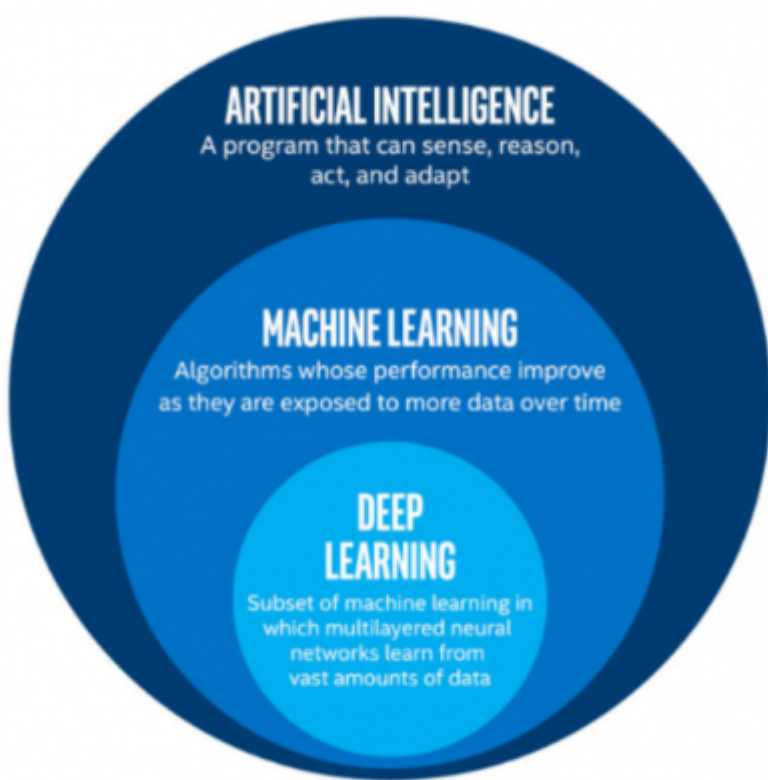
Ref

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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