# 개발자를 위한 머신러닝&딥러닝

v0.0.1

2022-12-17 written by A.K.A whatwant (whatwant@whatwant.com)



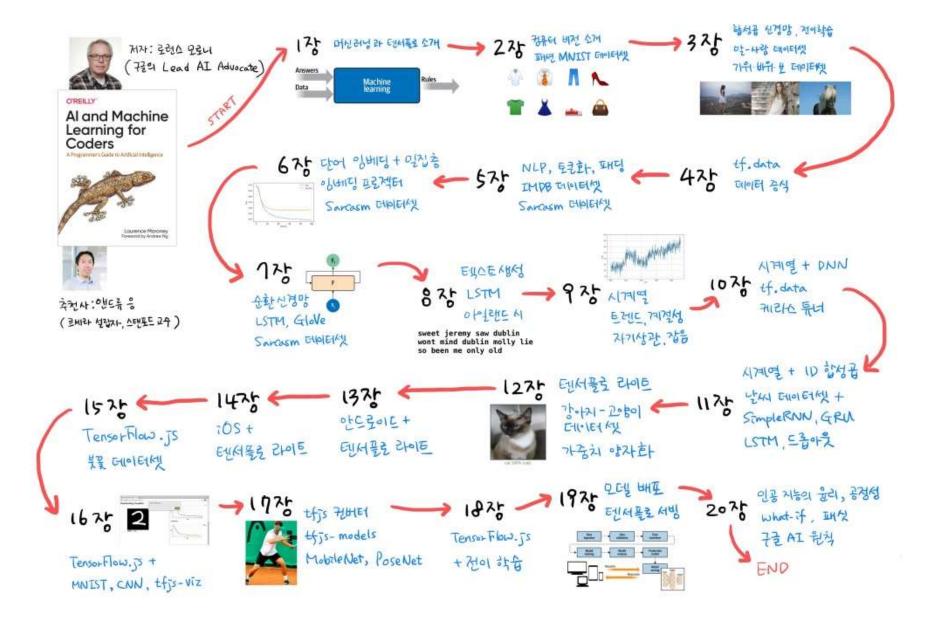
#### O'REILLY®

## 개발자를 위한 머신러닝&딥러닝

AI and Machine Learning For Coders

인공지능 개발자로 레벨 업하기! 신경망 기초부터 컴퓨터 비전, 자연어 처리, 시계열 예측까지





### Links

- 정오표
  - . <a href="https://tensorflow.blog/aiml4coders/">https://tensorflow.blog/aiml4coders/</a>
- 예제 코드
  - . <a href="https://github.com/rickiepark/aiml4coders">https://github.com/rickiepark/aiml4coders</a>
- 예제 코드 (원서)
  - . https://github.com/lmoroney/tfbook
- 파이썬 공부
  - . https://www.learnpython.org/
- GPU 설치
  - . https://www.tensorflow.org/install/gpu

## CHAPTER 01 텐서플로 소개

### 전통적인 프로그래밍 vs. 머신러닝

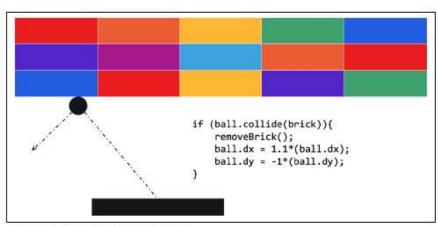


Figure 1-1. Code in a Breakout game



Figure 1-3. High-level view of traditional programming

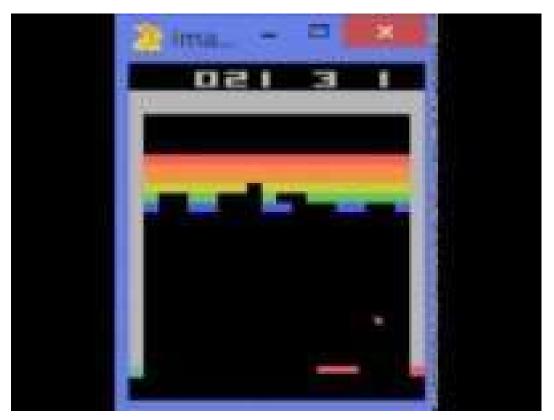




Figure 1-9. Changing the axes to get machine learning

## 텐서플로

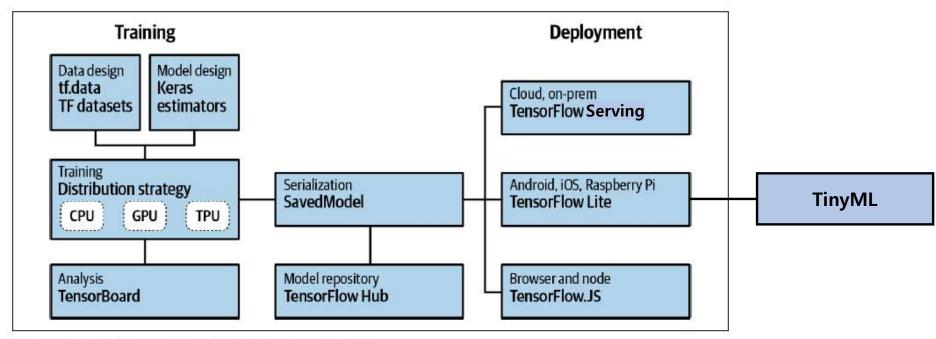
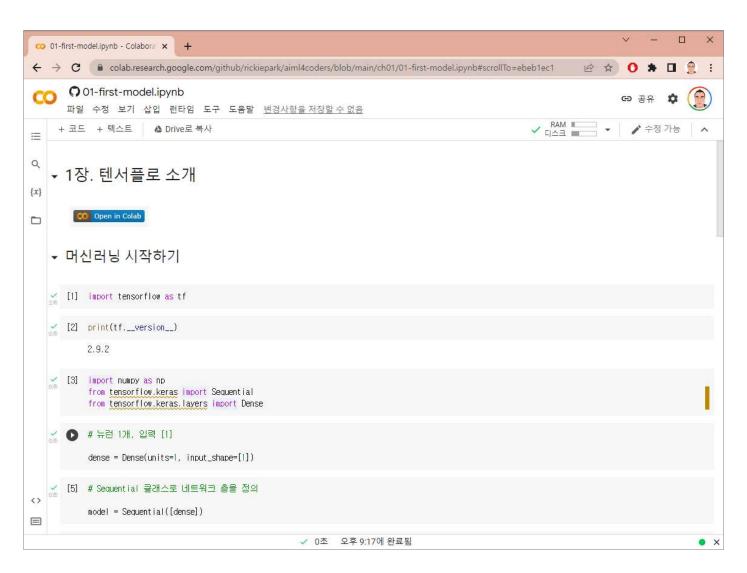


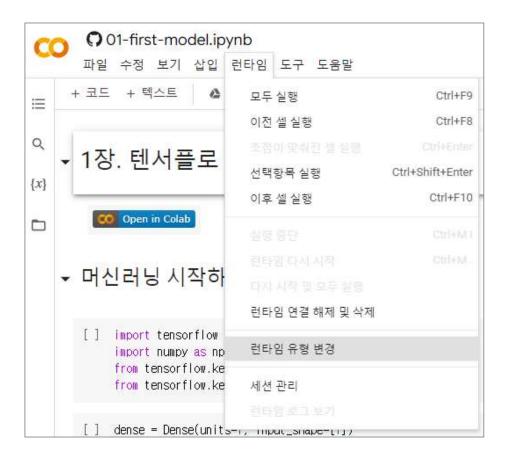
Figure 1-11. TensorFlow high-level architecture

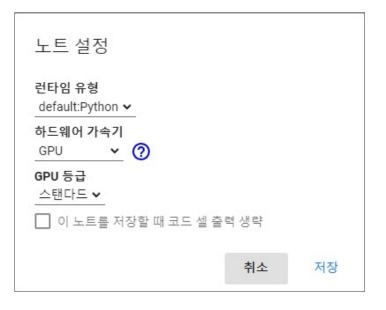
### Colab



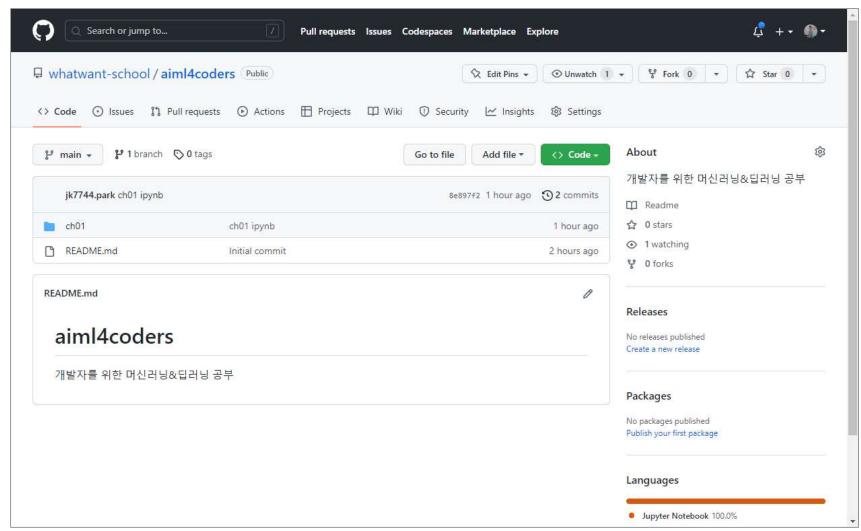
※ 참고: https://colab.research.google.com/

#### Colab - GPU





### 예제 코드



※ 참고: https://github.com/whatwant-school/aiml4coders

## 가중치(Weight)와 절편(Bias)

