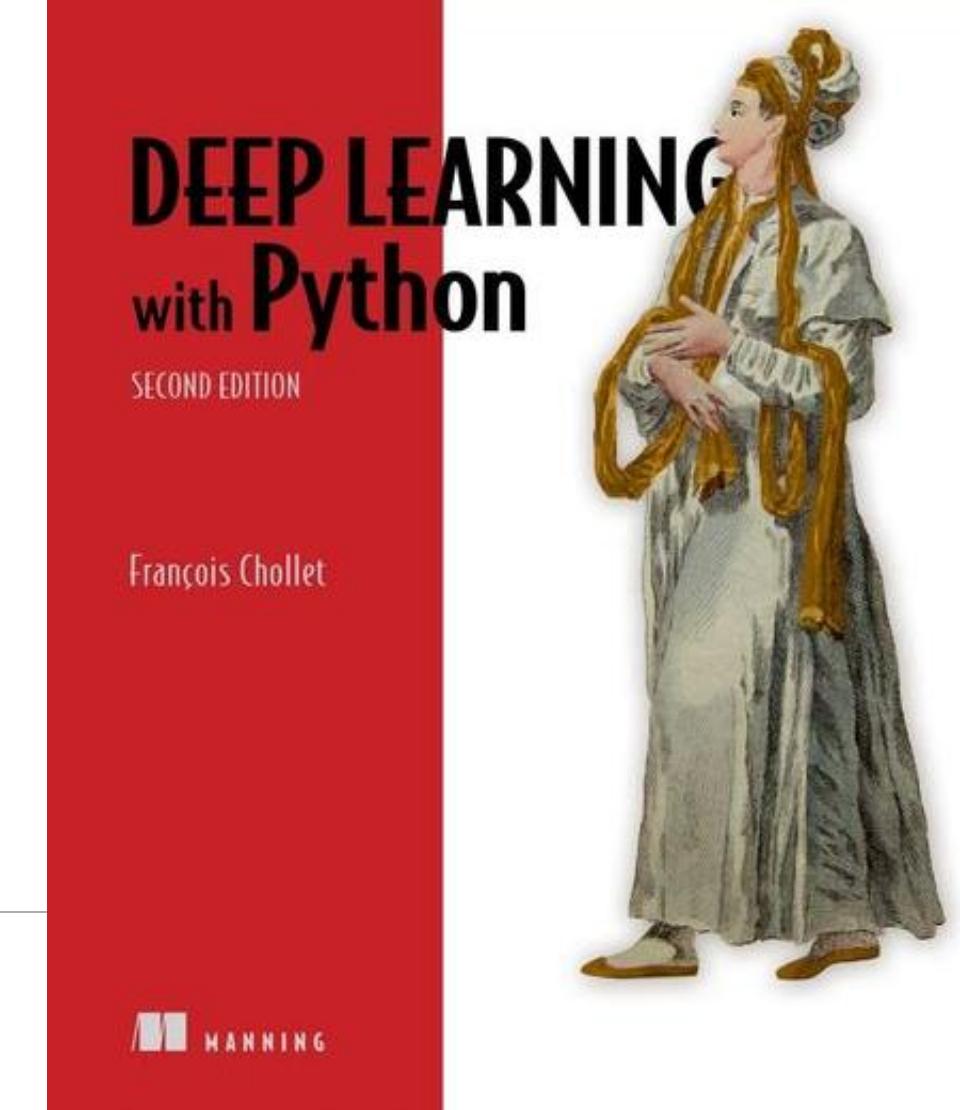


딥러닝 深度学习

대구가톨릭대학교 AI빅데이터공학과
大邱加图立大学 AI大数据工程系

이승민
李承珉

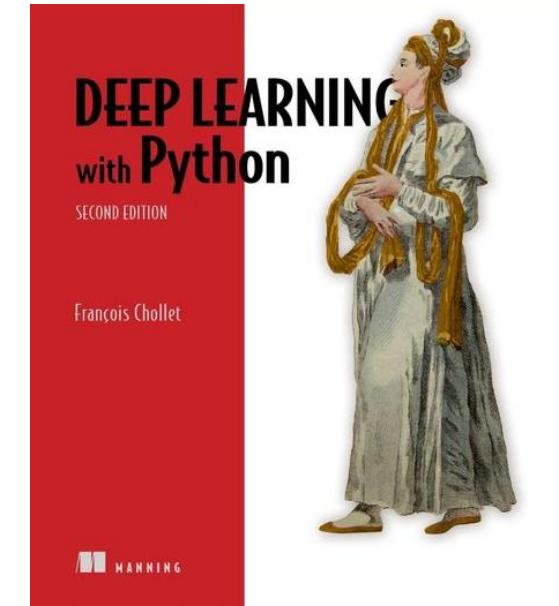
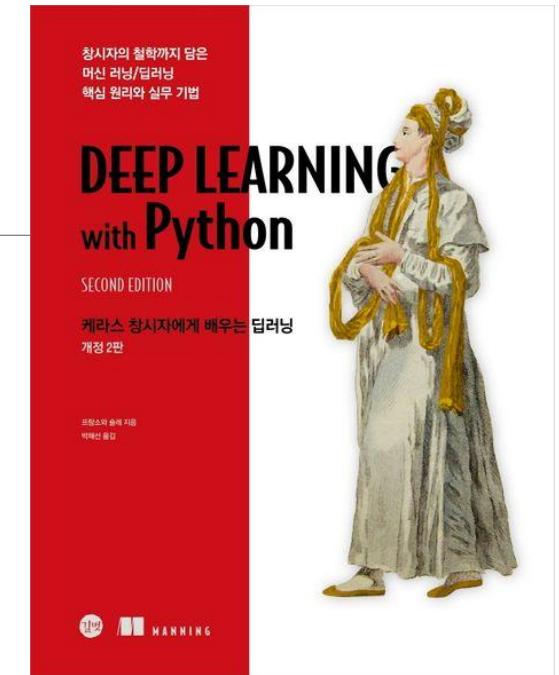


교재 안내 教材导览

케라스 창시자에게 배우는 딥러닝, 2판

프랑소와 솔레 저/박해선 역, 길벗, 2022

Deep learning with Python, 2nd edition, François Chollet, 2021



Chapter

- 8 Introduction to deep learning for computer vision
- 9 Advanced deep learning for computer vision
- 10 Deep learning for timeseries
- 11 Deep learning for text
- 12 Generative deep learning
- 13 Best practices for the real world
- 14 Conclusions

출석 안내 签到通知

학회 및 대회 참가, 병결, 등으로 인한 결석

因参加学会及大会, 因病缺席等缺席

- 관련 증빙 자료 제출
提交相关证明材料
- 기말고사 성적 처리 전까지
期末考试成绩处理之前

지각생은 수업 종료 후, 출결체크 요청

迟到生下课后, 请确认出席

- 대리출석 금지
禁止代理出席

강의 안내 导讲

PPT 이론 기반 강의
基于PPT理论的讲座

- LMS를 통한 강의자료 제공
通过LMS提供授课资料
- 외부 유출 금지
禁止外泄

구글 Colab 기반 실습
基于谷歌Colab的实习

- 실습 자료 폴더 잘 관리할 것
管理好实习资料文件夹
- 주기적인 백업 추천
推荐定期备份
- 직접 실습해볼 것
亲自实习

The screenshot shows the Google Colab interface. At the top, there's a sidebar with options like '+ 신규' (New), '내 드라이브' (Drive), 'Classroom', and 'Colab Notebooks' (which is selected). The main area shows a notebook titled 'chapter02_mathematical-building-blocks.ipynb'. The code cell contains the following Python code:

```
from tensorflow.keras.datasets import mnist
(train_images, train_labels), (test_images, test_labels) = mnist.load_data()
```

The output of the code shows the download progress: "Downloading data from https://storage.googleapis.com/tensorflow/tf-keras-datasets/mnist.npz 11490434/11490434 2s 0us/step". Below that, it displays the shape of the training images: "[2] train_images.shape" followed by "(60000, 28, 28)". Then it shows the length of the training labels: "[3] len(train_labels)" followed by "60000". Finally, it shows the first few elements of the training labels: "[4] train_labels" followed by "array([5, 0, 4, ..., 5, 6, 8], dtype=uint8)".

문의 咨询

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