

# 7주차 - TensorFlow 2.0 and Keras

## 개요

- 일자 : 2019/10/30(수)

## 진행내용

Keras 창시자로부터 배우는 TensorFlow 2.0 + Keras 특강.ipynb

- [https://colab.research.google.com/drive/1p4RhSj1FEuscyZP81ocn8leGD\\_2r46f5?fbclid=IwAR0zaPbHyr9YUjklkw-sXvi3LN68Llrgp4YRbD8da4\\_H8Ak\\_qQ0Ae8bbN2o](https://colab.research.google.com/drive/1p4RhSj1FEuscyZP81ocn8leGD_2r46f5?fbclid=IwAR0zaPbHyr9YUjklkw-sXvi3LN68Llrgp4YRbD8da4_H8Ak_qQ0Ae8bbN2o)

## 자료

- Keras 창시자로부터 배우는 TensorFlow 2.0 + Keras 특강.ipynb
  - [https://colab.research.google.com/drive/1p4RhSj1FEuscyZP81ocn8leGD\\_2r46f5?fbclid=IwAR0zaPbHyr9YUjklkw-sXvi3LN68Llrgp4YRbD8da4\\_H8Ak\\_qQ0Ae8bbN2o](https://colab.research.google.com/drive/1p4RhSj1FEuscyZP81ocn8leGD_2r46f5?fbclid=IwAR0zaPbHyr9YUjklkw-sXvi3LN68Llrgp4YRbD8da4_H8Ak_qQ0Ae8bbN2o)
  - 원본 : TensorFlow 2.0 + Keras Overview for Deep Learning Researchers
    - <https://colab.research.google.com/drive/1UCjt8EYjzCs1H1d1X0iDGYJsHKwu-NO?fbclid=IwAR269Y-3J1DuZL01L6GBCC4dg6RSAmJXHnRfztL454dZ5SqKLRxCAZcxzY>
- GCP AI Platform에서 학습하기
  - Hello World on GCP ML Engine
    - <https://medium.com/google-cloud/hello-world-on-gcp-ml-engine-cc09f506361c>
  - 프로젝트 패키징, 패키지 빌드 :
    - <https://cloud.google.com/ml-engine/docs/tensorflow/packaging-trainer#project-structure>
  - How to train Machine Learning models in the cloud using Cloud ML Engine
    - <https://towardsdatascience.com/how-to-train-machine-learning-models-in-the-cloud-using-cloud-ml-engine-3f0d935294b3>
  - GCP sample
    - <https://github.com/GoogleCloudPlatform/cloudml-samples/tree/master/census/estimator/trainer>
- TensorFlow 분산 학습
  - 분산학습 타입 : [https://www.tensorflow.org/guide/distributed\\_training](https://www.tensorflow.org/guide/distributed_training)