Google Cloud

Build, Train, and Deploy ML Models with Keras on Google Cloud

Readings and Videos

Kindly note that the 30 minutes indicated on the platform considers the time that it may take you to browse through the resources provided. The total time required depends on the resources you decide to explore further.

Module 3: Building Neural Networks with the TensorFlow and Keras API

Machine Learning - Zero to Hero

Introduction to TensorFlow 2.0: Easier for beginners, and more powerful for experts (TF World '19)

How to Use the Keras Functional API for Deep Learning

3 ways to create a Keras model with TensorFlow 2.0 (Sequential, Functional, and Model Subclassing)

Tf.keras - part 1

Tf.keras - part 2

The Keras Functional API

Guide to the Functional API

Developing with the Keras Functional API

Google: Regularization for Simplicity

Google Machine Learning Glossary

Regularization Clearly Explained

Lasso and Ridge Regression

Ridge Regression

A Gentle Introduction to Early Stopping to Avoid Overtraining Neural Networks