

Building and Deploying Model with Keras in SKIL



Course Time:
3 Days

Target Group: Engineers (Beginner to Intermediate Level in ML/DL)

Course Content

Day One

- + Theory
- + Skymind Introduction
- + Introduction of Machine Learning
- + Introduction of Deep Learning
- + Fundamentals of ML/DL
- + Feedforward Neural Network
- + Keras Introduction
- + How to Use Keras
- + SKIL Introduction

Lab

- + Lab Environment Preparation
- + Construction of the Simplest Neural Network

Day Two

- + Theory
- + Hyperparameters Tuning, Training of Neural Networks
- + DL4J Training UI Overview
- + Convolutional Neural Network
- + Real-Time Object Detection (YOLO)
- + Transfer Learning

Lab

- + Construction of Convolutional Neural Network
- + YOLO Implementation

Day Three

- + Theory
- + Recurrent Neural Network
- + LSTM
- + Time Series Data
- + Backpropagation Through Time (BPTT), Truncated BPTT

Lab

- + Weather Forecast using Recurrent Neural Network
- + Deployment of Trained Model using SKIL
- + UCI Data Classification using Recurrent Neural Network

To register for an ePlus cloud training course, contact us today.

Call: 888.482.1122

Email: CloudServices@eplus.com

Web: www.eplus.com/cloud



**Where Technology
Means More®**