Python and Tensorflow for Data Science

PURPOSE

To enable participants to develop basic machine learning and deep learning models using the TensorFlow library.

WHO CAN PARTICIPATE?

Those who want to start programming for the

first time Those who want to improve their

Python skills Those who want to write new

applications

Those wishing to learn about the applications of TensorFlow

CONTENT

1- Introduction to TensorFlow and Installation

2- Basic Operations with TensorFlow

3- Data Preparation Process

4- Model Development with the Keras API

5- Model Evaluation and Visualisation

6- Application Project with Real Data Set

7- Model Saving and Serving (Optional)

Training Date	Thursday, 22 January 2026 Friday, 23 January 2026
Virtual Classroom Application	Microsoft Teams
Virtual Classroom	
Start-End Time	10:00 AM - 4:00 PM

INSTRUCTOR

İbrahim Çetin

Deputy General Manager,
SinergyIT

CURRICULUM VITAE

I was born in Istanbul in 1981. I completed my primary, secondary and high school education in Istanbul. I completed my undergraduate education in the computer science department at Gazi University in Ankara. I completed my postgraduate education in the engineering management department at Marmara University.

I began my professional career in 2003 as a programmer assistant at Albaraka Türk Participation Bank.

I held positions as assistant programmer, programmer, expert programmer, analyst programmer, team leader, and project manager. After actively serving as the Accounting and Financial Solutions Department Manager at Albaraka Tech Global, I started my new position as Deputy General Manager at SinergyIT.

Transition projects I have been involved in

·   2005 - Transition to the Single Accounting Plan Project

·   2005 - Removal of Six Zeros from the Turkish Lira Project

·   2008 - YTL-TL Conversion Project

·   2010 - Centralisation of Operations Project

·   2015-Core Banking Package Change Project

Professional Certifications and Training:

Python Programming

Data Science and Machine Learning

Project Management, 5 Days, 2012

Blockchain, 1 Day, 2018

Year-End Procedures in Banking Accounting, 3 Days (TBB 2018)

Management Skills, 2 Days, 2017 (Burçin Doğru)

Bank Accounting, 2 Days, 2016 (Barış Sipahi)

Bank Balance Sheet Analysis Techniques, 2 Days, 2016 (Barış Sipahi)

Power Designer, 1 Day, 2014 (Albaraka Education)

Credit and Collateral Structuring, 2 Days (TBB Nuran Pakdemirli)

Secure Software Development, 2 Days, 2014 (Albaraka Education)

WCF, 2 Days, 2014 (Aykut Taşdelen)

JQuery and JQuery UI, 2 Days, 2014

Speed Reading Techniques, 1 Day, 2013 (Albaraka Education)

Training of Trainers, 3 Days, 2013

ASP.NET, 10 Days, 2013

ADO.NET, 2 days, 2013

C#, 10 Days, 2013

Information Technology Management, 2 Days, (Deniz Soykırım)

COBIT 3, 1 Day, Barış Bağcı

ITIL Service Management, 2 Days, 2010 (Selim Taştan)

UML, 5 Days, 2005

Customer Relationship Management, 1 Day, 2003 (Ernst & Young)

ISO 9001:2000 Quality Management System, 1 Day, 2004 (Şehnaz Nalbant)

ITIL Foundation, 3 Days, 2020 (Orhan Kalaycı)

Secure Software, 3 Days, 2020

Microservices, 1 Day, 2020 (BTK)

Laravel, 3 Days, 2020

Vue.js, 3 Days, 2020

React Native Mobile Application Development, 4 Days, 2020

PHP Web Programming

Inflation Accounting