

## About Us

### About Dilişim

Dilişim was founded in 2009 by Dr. Özgür Yılmazel who has a PhD in natural language processing and information extraction. Dilişim has expertise in Big Data Systems, Natural Language Processing and Search. Dilişim's vision and goal is to support its clients and create measurable value to its customers by utilizing data at their hand. Dilişim is Cloudera's first and only training partner in Turkey and also the only silver-level integrator partner in Turkey since 2012. Dilişim deployed first commercial Hadoop Cluster in Turkey, and it now runs the largest Hadoop Cluster in Turkey.

### About Cloudera

Founded in 2008, Cloudera was the first, and is currently, the leading provider and supporter of Apache Hadoop for the enterprise. Cloudera also offers software for business critical data challenges including storage, access, management, analysis, security, and search. Cloudera is revolutionizing enterprise data management by offering the first unified Platform for Big Data: The Enterprise Data Hub.

### What are Cloudera trainings?

Dilişim offers the following Cloudera trainings:

- › Cloudera Developer Training for Spark and Hadoop (4 days)
- › Cloudera Developer Training for Apache Spark (3 days)
- › Cloudera Administrator Training for Apache Hadoop (4 days)
- › Cloudera Data Analyst Training: Using Pig, Hive and Impala with Hadoop (4 days)
- › Cloudera Training for Apache HBase (3 days)

The trainings in Turkey are delivered by Dilişim by being the only training partner of Cloudera in Turkey.

### Why Cloudera Training?

Through instructor-led discussion and interactive, hands-on exercises, participants will navigate the Hadoop ecosystem and experience the following:

- › Most comprehensive suite of courses to address the Hadoop objectives of every data professional: developers, administrators, and data analysts.
- › The industry's only truly dynamic and up-to-date Hadoop training curriculum
- › Delivered by full-time technical and Cloudera certified instructors
- › Industry leader in Hadoop with over 100.000 participants
- › Video tutorials and e-learning services



# Just Enough Python

## Summary

This one-day Python training course will teach you the key language concepts and programming techniques you need so that you can concentrate on the subjects covered in Cloudera's developer courses without also having to learn a complex programming language and a new programming paradigm on the fly.

## Prerequisites

Prior knowledge of Hadoop is not required. Since this course is intended for developers who do not yet have the prerequisite skills writing code in Scala, basic programming experience in at least one commonly-used programming language (ideally Java, but Ruby, Perl, Scala, C, C++, PHP, or Javascript will suffice) is assumed. NOTE: This course does not teach Big Data concepts, nor does it cover how to use Cloudera software. Instead, it is meant as a precursor for one of our developer-focused training courses that provide those skills.

## Outline

### Introduction

#### Introduction to Python

- › Python Background Information
- › Scope
- › Exercises

### Variables

- › Python Variables
- › Numerical
- › Boolean
- › String

### Collections

- › Lists
- › Tuples
- › Sets
- › Dictionaries

### Flow Control

- › Code Blocks
- › Repetitive Execution
- › Iterative Execution
- › Conditional Execution
- › Tentative Execution (Exception Handling)

### Program Structure

- › Named Functions
- › Anonymous Functions (Lambda)
- › Generator Functions

### Working with Libraries

- › Storing and Retrieving Functions
- › Module Control
- › Common Standard Libraries

### Conclusion





# Bigdata References

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