

Python for IoT

– Beginner to Advanced

Introduction

This module aims to elaborate one of the most popular programming languages, Python, ready for IoT programming – on sensor, on IoT platform and on machine learning.

Objectives

To understand:

- how to setup the Python environment
- the basics in Python programming
- the development environment
- how to make use of Python to build networked programs
- how to make client-server applications using sockets
- how to interact with the database

Target Audience

- IT Managers
- System Analysts
- Software Architects
- Software Developers
- IoT Hardware Developers
- Business Analysts
- Data Analysts
- Data Scientists

Course Outline

- Introduction
- Software Installation
- Variables and Data Types
- Operator
- Python Functions
- Web Programming
- Chatbot
- Database

Course Information

Course Code :

IS12C/HK-11A

Date: 6th November 2019

Time: 9:30am – 5:30pm

Fee: HK\$2,800

Venue: 19/F., K. Wah

Centre, 191 Java Road,
North Point, Hong Kong

Medium of Instruction

Cantonese, and supplemented with English for technical terms

Prerequisites

It is highly recommended that participants process basic programming knowledge (in any languages).



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