

Python Programming

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Hello,
everyone!

- My name is Asmaliza Ahzan.
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- ME in Computer Systems Engineering from Uni of Queensland, Australia
- Trainer since 2008

Agendas Day 1

- About Python
- Getting Started
- The Quick Python Overview
- The absolute basics
- Lists, tuples and sets

Agendas Day 2

- Strings
- Dictionaries
- Control Flow
- Functions
- Modules and Scoping Rules

Agendas Day 3

- Python Programs
- Using the Filesystem
- Reading and Writing Files
- Exceptions

Agendas

Day 4

- Classes and Object-Oriented Programming
- Regular Expressions
- Data Types as Objects
- Packages
- Using Python Libraries

Agendas

Day 5

- Basic File Wrangling
- Processing Data Files
- Data Over the Network
- Saving Data
- Exploring Data

Introduction



Name



Job Title



Programming experience



Expectations

Training Objectives

- Master the fundamentals of writing Python scripts
- Learn core Python scripting elements such as variables and flow control structures
- Discover how to work with lists and sequence data
- Write Python functions to facilitate code reuse
- Use Python to read and write files
- Make their code robust by handling errors and exceptions properly
- Work with the Python standard library
- Explore Python's object-oriented features
- Search text using regular expressions