

FUNDING PROGRAMME

PENERAJU TEKNOLOGI

PYTHON DATA SCIENCE

UNTUK SISWAZAH



SCAN ME NOW
FOR REGISTER!



Funder:

Training Provider:

Certification Body:





COURSE DESCRIPTION

The Professional Certification in Python Data Science is a program designed to provide individuals with the necessary skills and knowledge to work effectively as a data scientist using Python programming language.

This certification program covers a wide range of topics, including Python programming, data analysis and visualisation, machine learning, statistics, data wrangling, data engineering, communication and collaboration, and ethics and privacy.

The program includes a combination of online coursework, hands-on projects, and exams to assess the student's mastery of the subject matter.

COURSE DURATION

A sequence of 12 weeks of teaching and learning process which includes:



Face to Face training
60 hours
(10 days @ 6 hours)



Online live coaching
20 hours
(10 session @ 2 hours)



Independent learning with continuous assessments during the duration of the programme - **3 hours** per week over **12 weeks**

LEARNING CONTENT

MODULE 1

An Overview of Python

MODULE 2

Getting Started

MODULE 3

Decision & Flow Control

MODULE 4

Defining Functions

MODULE 5

Working with Files

MODULE 6

Sequence

MODULE 7

Python Classes

MODULE 8

Errors and Exception Handling

MODULE 9

Using Modules

MODULE 10

Regular Expressions

MODULE 11

Highlights of the Standard Library

MODULE 12

Accessing Databases

MODULE 13

Data distribution

MODULE 14

Extract data from Website - Beautiful soup

MODULE 15

Selenium IDE

MODULE 16

Selenium Webdriver

MODULE 17

Python for Data Analysis - NumPy

MODULE 18

Python for Data Analysis - Pandas

MODULE 19

Python for Data Visualization

MODULE 20

Python for Data Analysis - SciPy

ENTRY REQUIREMENTS



TARGET GROUP:

HIGHER EDUCATION GRADUATES AGED 18-30 YEARS OLD WITH A MINIMUM BACHELOR DEGREE IN INFORMATION TECHNOLOGY, COMPUTER SCIENCE, SOFTWARE ENGINEERING, OR OTHER TECHNOLOGY RELATED COURSES



POSSESS BASIC TECHNICAL COMPUTER SKILLS



PROFICIENT IN ENGLISH (BASIC SPOKEN & WRITTEN)

SCHOOL
FOR
LIFE

At IEG Campus you school when you want, where you want



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