FUNDING PROGRAMME

PENERAJU TEKNOLOGI

MACHINE LEARNING

UNTUK SISWAZAH

SCAN ME NOW
FOR REGISTER!

Funder:

YAYASAN PENERAJU

Training Provider:

IEG CAMPUS

Certification Body:

ICTC
International Council
for Technology Certifications

COURSE DESCRIPTION

The Professional Certification in Machine Learning is a programme designed to provide beneficiaries with the necessary skills and knowledge to work effectively as machine learning professionals.The programme covers a range of topics including data prepro-cessing, statistical modeling, machine learning algorithms, deep learning, and neural networks.Beneficiaries will learn how to apply these concepts to real-world problems and develop their own machine learning models.

The programme is designed for professionals who want to enhance their knowledge and skills in machine learning, as well as beneficiaries who want to transition to a career in this field. The programme is delivered through a combination of learning modules, live virtual classes, and hands-on projects. beneficiaries will have the opportunity to work on real-world projects and build a portfolio of machine learning models that can be used to showcase their skills to potential employers.

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** Running Python Scripts	**MODULE 3** Getting Started	**MODULE 4** Flow Control	**MODULE 5** Sequence Data	**MODULE 6** Defining Functions
MODULE 7 Working with Files	**MODULE 8** Dictionaries and Sets	**MODULE 9** Errors and Exception Handling	**MODULE 10** Using Modules	**MODULE 11** Regular Expressions	**MODULE 12** Regular Expressions
MODULE 13 Python Classes	**MODULE 14** Python for Data Analysis - NumPy	**MODULE 15** Python for Data Analysis – SciPy	**MODULE 16** Python for Data Analysis - Pandas	**MODULE 17** Python for Data Visualization	**MODULE 18** Machine Learning Concepts
MODULE 19 Linear Regression	**MODULE 20** Logistic Regression	**MODULE 21** K Nearest Neighbors	**MODULE 22** Decision Trees and Random Forests	**MODULE 23** Support Vector Machines	**MODULE 24** K Means Clustering
MODULE 25 Principal Component Analysis	**MODULE 26** Recommender Systems	**MODULE 27** Natural Language Processing	**MODULE 28** Neural Nets and Deep Learning		

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