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AMAZON ML CERTIFICATION





ABOUT US

NetTech India Training Institute offers a high-quality learning experience in the field of IT training to train students on brand new technologies and train them to deliver the desired results with commercially relevant and re-organized technical skills.

The probability of achieving your dream job will keep on increasing day by day once you complete a course in NetTech India. We also focus on improving soft skills in terms of communication, leadership, teamwork, external appearance, and attitude which helps everyone to be professional in all the aspects of their career.



25%
Theory



75%
Practicals

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ABOUT AMAZON ML

With the rise of Artificial Intelligence, Machine Learning has taken a leap forward. The course will help the businesses to improve their customer experience, strengthen their internal system, and offer the customers with a new retail experience. The objective is to imbibe the new skill set into the hands of the developers and data scientist. AWS offers extensive support to all the machine learning framework like Tensor Flow, Apache MXNet, Caffe 2, so that you can implement the same on any model. Breadth of compute options.



BENEFITS OF AMAZON ML

- ➔ Career Growth - Higher Pay & Position
- ➔ Encourages professional development
- ➔ Enriches self-image and reputation
- ➔ Enhances professional credibility.
- ➔ Abundant Job Opportunities
- ➔ Used In Many Industries
- ➔ Global Recognition
- ➔ Secure and Flexible
- ➔ 50+ Case Studies
- ➔ 10+ Projects



COURSE CONTENT

1 Beautiful Soup Library

2 Introduction to Python

- History of Python
- Why learn python
- How is Python Different?
- Installing Python

3 Python Interpreter

- Using the interpreter
- Integrated Development Environments (IDE)
- How to run Python programs?

4 Basics of Python

- Variable
- Keywords
- Statements & Comments
- Indentation
- Data types

- Static Typing vs Dynamic Typing
- Input and output

5 Operators

- Arithmetic operator
- Relational Operator
- Assignment Operator
- Logical operator
- Bitwise operator
- Membership Operator
- Identity Operator

6 Control Flow

- If statement
- If - else
- If – elif -else
- Nested if-else
- while loop
- for-in loop

- Nested loop
- Loop with else
- Pass statement
- Break and continue

7 Functions

- Function Basics
- Defining function
- function call
- Return statement
- Function parameters
- Call by value or call by reference
- local and global variable
- Recursion, Anonymous (lambda) function

8 Modules

- Defining module
- How to create module
- Importing module
- Dir()

- Module search path
- Reloading a module
- Sys module
- Os module
- namespace

9 Package

- Defining package
- How to create a package
- Importing package
- Installing third party packages

10 Numeric types

- Numeric type basics
- Numbers
- Hexadecimal, Octal and Binary Notation
- Complex Numbers
- Type casting Numeric Functions
- Random number generation

11 String

- Defining a string
- Different ways to create a string
- Accessing elements of string
- Escape sequence
- Raw string
- String methods
- String formatting Expressions

12 List

- Defining a list
- Creating list
- Accessing list elements of list
- Deleting list
- List methods
- Functions used with list
- List comprehension
- Implementation of stack and queue using list
- Use of Zip ()
- Matrix operations using list

13 Tuple Defining a tuple

- Creating a tuple
- Accessing elements of tuple
- Immutability
- List vs tuples
- Tuple Methods
- Functions used with tuple
- Advantage of Tuple

14 Dictionary

- Defining a dictionary
- Creating a dictionary
- Accessing elements of the dictionary
- Deleting a dictionary
- Dictionary methods
- Dictionary Comprehension

15 Set

- Defining a set
- Creating set
- Set operations
- Set methods
- Set comprehension

16 Files

- Defining a file
- Types of file file operations
- Opening a File
- Closing file
- File modes
- File attributes
- Writing to file
- Reading from file
- Appending to file
- File positions
- Binary file
- Pickle module

17 Exception Handling

- Defining an exception?
- Default exception handler
- Exception handling techniques
- Detecting Exception (try)
- Catching exceptions (catch)
- Catching multiple exceptions
- Raising exception (raise)
- Finally, block
- User defined exceptions

18 Object Oriented Programming

- Oop concepts Defining a class
- Creating object
- Method vs function
- Calling methods
- Instance attribute vs class attribute
- Instance method vs class method
- Private attribute and method

- Static method
- Method Overloading
- Constructor
- List of objects
- Inheritance
- Method overriding
- Operator overloading
- Abstract method

19 Abstract class

20 Introduction to Artificial Intelligence and Machine Learning

21 Techniques of Machine Learning

22 Data Preprocessing

23 Math Refresher

24 Regression

25 Classification

26 Unsupervised learning – Clustering

27 Introduction to Deep Learning

And Many More...



WHO CAN LEARN ?

- Anyone who wants to build a career as a Data Scientist.
- Anyone who wish to build career in AWS.
- Students who are currently in college or university.

CAREER OPPORTUNITIES

- AWS Data Scientist
- Software Development Engineer
- Machine Learning Engineer
- Applied Scientist
- Research Scientist
- AWS Cloud Architect

And Many More...

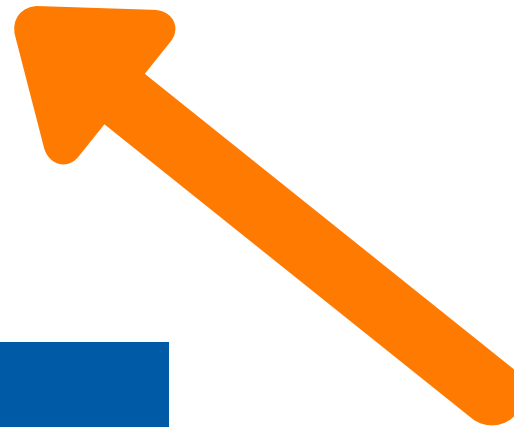


PROCESS FOR SUCCESS

GET PLACED

GET TRAINED

ENROLL



FACILITIES OFFERED

- ➔ Practical Training on Live Projects
- ➔ 100% Placement Guarantee
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- ➔ Global Certification
- ➔ Fully functional labs
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- ➔ Expert level industry recognized training





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