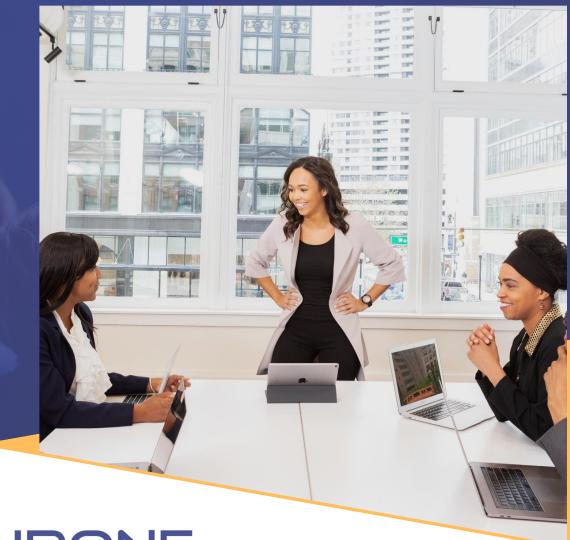# NLP FUNDAMENTALS WITH PYTHON CERTIFICATION

As per International Standards

**UNICHRONE**

# Unichrone Training Advantages

✔ 2 Day Interactive Instructor-led Online/Classroom or Group Training

✔ Course study materials designed by subject matter experts

✔ Mock Tests to prepare in a best way

✔ Highly qualified, expert & accredited  trainers with vast experience

✔ Enrich with Industry best practices and case studies and present trends

✔ NLP Fundamentals with Python Training Course adhered with International Standards

✔ End-to-end support via phone, mail, and chat

✔ Convenient Weekday/weekend NLP Fundamentals with Python Training Course schedule

# About Unichrone

✔ We are a professional training institute with an extensive portfolio of professional certification courses. Our training programs are meant for those who want to expand their horizons by acquiring professional certifications across the spectrum. We train small- and medium-sized organizations all around the world, including in USA, Canada, Australia, UK, Ireland and Germany.
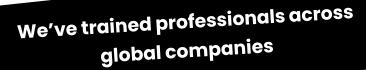
**Guaranteed Quality**

**Handpicked Trainers**

**Global Presence**

**Online Training Option**

## We've trained professionals across global companies

PHILIPS

AXCESS
FINACIAL PRODUCT MANAGEMENT

CLARIANT

AkerSolutions

WÜRTH

baycoat

DU PONT

DASHTI

GlobalSign

TriskeleLabs

مصرف الراجحي
Al Rajhi Bank

DHL

ARASCO أراسكو

EMERSON

accenture

VOLVO

AMA
AMERICAN MEDICAL
ASSOCIATION

sitel
group

Signify

Atos

LEAR
CORPORATION

# Importance of NLP Fundamentals with Python Training

✓ Natural Language Processing (NLP) Fundamentals with Python Certification provides an individual with the fundamental awareness of NLP with Python and its practical application in handling text data. It is an attestation course that essentially covers all the details of NLP including text processing, sentiment analysis, topic modeling, named entity recognition, and machine translation. This testament is a milestone in an individual's professional journey as it bestows individuals with dual expertise of robust awareness of NLP concepts and highly sought programming language, Python.

✓ Natural Language Processing (NLP) Fundamentals with Python Course develops the efficiency of professionals in using Python Programming Language with NLP concepts. Furthermore, professionals can attain a profound knowledge of applications, challenges tools, and resources for NLP. Professionals can improve proficiency in text preprocessing including tokenization and text cleaning. Natural Language Processing (NLP) Fundamentals with Python Training focuses on providing knowledge in representing text and classifying it.

# ELIGIBILITY CRITERIA

✓ Aspirants need not meet any requirements to pursue NLP Fundamentals with Python Training Course. However, having prior knowledge is beneficial.

# WHO SHOULD ATTEND

✓ Any individual who wants to gain skills to understand NLP can enroll in the NLP Fundamentals with Python Training course.

# Syllabus of NLP Fundamentals with Python Training

| Lesson 01 – Introduction to NLP |
| --- |
| 1. What is Natural Language Processing? |
| 2. Why is NLP Important? |
| 3. Applications of NLP |
| 4. Challenges in NLP |
| 5. Tools and Resources for NLP |

| Lesson 02 – Text Preprocessing |
| --- |
| 1. Text Cleaning and Normalisation |
| 2. Tokenisation |
| 3. Part of Speech Tagging |
| 4. Named Entity Recognition |
| 5. Stop Word Removal |

# Syllabus of NLP Fundamentals with Python Training

| **Lesson 03 –** Text Representation |
| --- |
| 1. Bag of Words |
| 2. Term Frequency-Inverse Document Frequency (TF-IDF) |
| 3. Word Embeddings |
| 4. Topic Modelling |

| **Lesson 04 –** Text Classification |
| --- |
| 1. Supervised Learning |
| 2. Naive Bayes |
| 3. Support Vector Machines (SVM) |
| 4. Decision Trees |
| 5. Evaluation Metrics for Text Classification |

# Syllabus of NLP Fundamentals with Python Training

| **Lesson 05 –** Advanced NLP Techniques |
| --- |
| 1.     Sequence Labelling |
| 2.     Language Modelling |
| 3.     Neural Machine Translation |
| 4.     Sentiment Analysis |
| 5.     Text Summarisation |

# Exam Format of NLP Fundamentals with Python Certification

| Examination Format | |
| --- | --- |
| **Exam Name** | **NLP Fundamentals with Python Exam** |
| Exam Format | Multiple Choice |
| Total Questions & Duration | 30 Questions, 1 Hour |
| Passing Score | Minimum passing score of 70% |
| Exam Cost | Included in training fee |

To get you fully prepared with the knowledge and skills for NLP Fundamentals with Python, a training session at Unichrone gives immense importance to mock questions at the end of every module and problem-solving exercises within the session. Prepared by certified faculty, the practice tests are a true simulation of the NLP Fundamentals with Python exam.

# Contact Us

support@unichrone.com

https://unichrone.com/