



Certificate in Natural Language Processing using Python

Vskills Certifications

Vskills Brochure



Certificate in Natural Language Processing using Python

Python is an interpreted, high-level, general-purpose programming language.

Natural language processing (NLP) is about developing applications and services that are able to understand human languages like voice search. NLTK toolkit in Python programming language has been extensively being used for natural language processing by companies and offers immense opportunities for your career. The certification acts as a proof of your skills on professional social media like LinkedIn and for better job prospects.

Why should one take this certification?

This Course is intended for professionals and graduates wanting to excel in their chosen areas. It is also well suited for those who are already working and would like to take certification for further career progression.

Earning Vskills Certificate in Natural Language Processing using Python Certification can help candidate differentiate in today's competitive job market, broaden their employment opportunities by displaying their advanced skills, and result in higher earning potential.

Who will benefit from taking this certification?

Job seekers looking to find employment in IT departments or software development of various companies, students generally wanting to improve their skill set and make their CV stronger and existing employees looking for a better role can prove their employers the value of their skills through this certification. Certification is also apt for senior management, executives to better understand the upcoming domain of Natural Language Processing using Python programming language.

Test Details

- **Duration:** 60 minutes
- **No. of questions:** 50
- **Maximum marks:** 50, Passing marks: 25 (50%)

There is no negative marking in this module.

Fee Structure

Rs. 3,499/- (Excludes taxes)*

*Fees may change without prior notice, please refer <http://www.vskills.in> for updated fees

Table of Contents

1. NLP and Python

- 1.1 Installing and Setting Up NLTK
- 1.2 Implementing Simple NLP Tasks and Exploring NLTK Libraries
- 1.3 Part-Of-Speech Tagging
- 1.4 Stemming and Lemmatization
- 1.5 Named Entity Recognition

2. NLTK

- 2.1 Frequency Distribution with NLTK
- 2.2 Frequency Distribution on Your Text with NLTK
- 2.3 Concordance Function in NLTK
- 2.4 Similar Function in NLTK
- 2.5 Dispersion Plot Function in NLTK
- 2.6 Count Function in NLTK

3. Building Your Own NLP Application Using Python NLTK

- 3.1 Introduction to Recurrent Neural Network and Long Short Term Memory
- 3.2 Programming Your Own Sentiment Classifier Using NLTK
- 3.3 Perform Sentiment Classification on a Movie Rating Dataset

4. Latent Semantic Analysis

- 4.1 Starting with Latent Semantic Analysis
- 4.2 Programming Example of Principal Component Analysis
- 4.3 Programming Example of Singular Value Decomposition

Certifications

- ▶ **Accounting, Banking & Finance**
 - Certified GST Professional
 - Certified AML-KYC Compliance Officer
 - Certified Business Accountant
 - Certified BASEL III Professional
 - Certified GAAP Accounting Standards Professional
 - Certified Treasury Markets Professional
- ▶ **Big Data**
 - Certified Hadoop and Mapreduce Professional
- ▶ **Cloud Computing**
 - Certified Cloud Computing Professional
- ▶ **Design**
 - Certified Interior Designer
- ▶ **Digital Media**
 - Certified Social Media Marketing Professional
 - Certified Inbound Marketing Professional
 - Certified Digital Marketing Professional
- ▶ **Foreign Trade**
 - Certified Export Import (Foreign Trade) Professional
- ▶ **Health, Nutrition and Well Being**
 - Certified Fitness Instructor
- ▶ **Hospitality**
 - Certified Restaurant Team Member (Hospitality)
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 - Certified HR Staffing Manager
 - Certified Human Resources Manager
 - Certified Performance Appraisal Manager
- ▶ **Office Skills**
 - Certified Data Entry Operator
 - Certified Office Administrator
- ▶ **Project Management**
 - Certified Master in Project Management
 - Certified Scrum Specialist
- ▶ **Real Estate**
 - Certified Real Estate Consultant
- ▶ **Marketing**
 - Certified Marketing Manager
- ▶ **Quality**
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 - Certified Six Sigma Black Belt Professional
 - Certified TQM Professional
- ▶ **Logistics & Supply Chain Management**
 - Certified International Logistics Professional
 - Certified Logistics & SCM Professional
 - Certified Supply Chain Management Professional
- ▶ **Legal**
 - Certified IPR & Legal Manager
 - Certified Labour Law Analyst
 - Certified Business Law Analyst
 - Certified Corporate Law Analyst
- ▶ **Information Technology**
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 - Certified Basic Network Support Professional
 - Certified Business Intelligence Professional
 - Certified Core Java Developer
 - Certified E-commerce Professional
 - Certified IT Support Professional
 - Certified PHP Professional
 - Certified Selenium Professional
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 - Certified Android Apps Developer
 - Certified iPhone Apps Developer
- ▶ **Security**
 - Certified Ethical Hacking and Security Professional
 - Certified Network Security Professional
- ▶ **Management**
 - Certified Corporate Governance Professional
 - Certified Corporate Social Responsibility Professional
 - Certified Leadership Skills Professional
- ▶ **Life Skills**
 - Certified Business Communication Specialist
 - Certified Public Relations Officer
- ▶ **Media**
 - Certified Advertising Manager
 - Certified Advertising Sales Professional
- ▶ **Sales, BPO**
 - Certified Sales Manager
 - Certified Telesales Executive

& many more job related certifications

Contact us at:
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