



Natural Language Processing using python

This program will enhance your existing machine learning and deep learning skills with the addition of natural language processing and speech recognition techniques. These skills can be used in various applications such as part of speech tagging and machine translation, among others. You'll develop the skills you need to start applying natural language processing techniques to real-world challenges and applications.

Syllabus

- Classify cluster for articles
- Data set
- Types of data sets
- Introduction numpy
- Python NumPy array
- Operations on the Numpy array
- NumPy and random data
- NumPy array with images
- Introduction to pandas
- Series
- DataFrame
- Reading CSV, excel,JSON data
- Handling missing data
- Pandas group by
- Introduction to Matplotlib
- Introduction to natural language processing
- Natural language
- Corpus
- Text analytics
- Feature extraction
- Machine learning
- Nlp toolkit
- Classification model
- Perform text processing
- **Mini-Projects**

What you will learn

- Understand the landscape of Python data visualization libraries
- Create static and interactive charts using specialized Python libraries
- Perform text processing
- Create an NLP module
- Classify cluster for articles
- Develop an appreciation for what is involved in Learning models from data

SKILLS GAIN



“

Computers are incredibly fast, accurate and stupid; humans are incredibly slow, inaccurate and brilliant; together they are powerful beyond imagination.

-Albert Einstein

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