



82\_The Review of Natural Language Processing Applications with Emphasis on Machine Learning Implementations

All



ADVANCED SEARCH

Conferences > 2022 International Conference... ?

# The Review of Natural Language Processing Applications with Emphasis on Machine Learning Implementations

Publisher: IEEE

[Cite This](#)

PDF

<< Results | Next >

Tatwadarshi P. Nagarhalli ; Sneha Mhatre ; Sanket Patil ; Prafulla Patil [All Authors](#) ...



3 Cites in Papers

403 Full Text Views

## Alerts

[Manage Content Alerts](#)  
[Add to Citation Alerts](#)

### Abstract



Document Sections

- I. INTRODUCTION
- II. MACHINE LEARNING AND NATURAL LANGUAGE PROCESSING
- III. APPLICATIONS OF NATURAL LANGUAGE PROCESSING AND LEARNING TECHNIQUES
- 2. Conversational Agents
- 4. Information Retrieval Systems

Show Full Outline

Authors

Figures

**Abstract:**There is a renewed interest in the recent times for research and development in the field and subfield of Artificial Intelligence, and this is especially true for Machine... [View more](#)

#### Metadata

##### Abstract:

There is a renewed interest in the recent times for research and development in the field and subfield of Artificial Intelligence, and this is especially true for Machine Learning and Natural Language Processing. With its ability to make predictions by relying on the data rather than any explicit instructions Machine Learning and Deep Learning Techniques have been employed and adapted in many fields of study and businesses with great success of the different areas which have been revolutionised by the implementation of Machine Learning and Deep Learning Techniques, Natural Language Processing is one such field of study which has benefited the most by this adaptation of learning techniques. Not only in processing of natural language, the learning techniques have played a very positive role in the different applications of Natural Language Processing as well. The paper proposes to highlight the important role played by the learning technique in improving the accuracy of the different applications of Natural Language Processing.

**Published in:** 2022 International Conference on Electronics and Renewable Systems (ICEARS)

**Date of Conference:** 16-18 March 2022

**DOI:** 10.1109/ICEARS53579.2022.9752326



- References
- Citations
- Keywords
- Metrics
- More Like This

Date Added to IEEE Xplore: 13 April 2022

Publisher: IEEE

▼ ISBN Information:

Conference Location: Tuticorin, India

**Electronic ISBN:**978-1-6654-8425-1  
**DVD ISBN:**978-1-6654-8424-4  
**Print on Demand(PoD) ISBN:**978-1-6654-8426-8

 Contents

**I. INTRODUCTION**

In recent decades, computing devices have become cheaper because of the innovations, this is has in turn led to innovations in many fields of technology as well. Artificial Intelligence (AI) is one discipline that has benefited from the availability of high-performance computer systems. In fact, these days, even mobile gadgets are outfitted with specific artificial intelligence chips [1].

Sign in to Continue Reading

Authors	▼
Figures	▼
References	▼
Citations	▼
Keywords	▼
Metrics	▼

[Back to Results](#) | [Next >](#)

**More Like This**

The Application of Natural Language Processing Technology Based on Deep Learning in Japanese Sentiment Analysis  
 2023 International Conference on Ambient Intelligence, Knowledge Informatics and Industrial Electronics (AIKIIIE)  
 Published: 2023

Text Mining and Emotion Classification on Monkeypox Twitter Dataset: A Deep Learning-Natural Language Processing (NLP) Approach  
 IEEE Access  
 Published: 2023

[Show More](#)