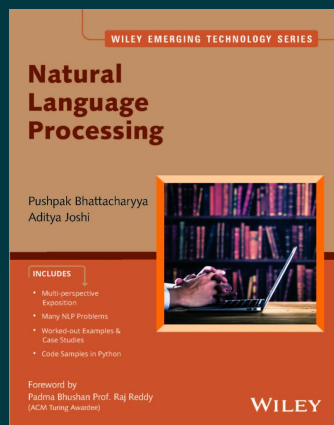




Natural Language Processing

By [Pushpak Bhattacharyya](#), [Aditya Joshi](#)

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Description

Striking a balance between foundational insights and applications, the book introduces three generations of NLP—rule-based, statistical, and neural—and approaches in these generations to NLP tasks such as shallow and deep parsing, machine translation, sentiment analysis, summarization, question-answering, and many more. In addition, chapters on large language models, shared tasks, and research dissemination serve as a solid foundation for readers to start their NLP journey. Significant focus has been given to NLP-based solutions which are increasingly finding applications in several domains.

About the Author

Pushpak Bhattacharyya, Aditya Joshi

Prof. Pushpak Bhattacharyya has done extensive research in Natural Language Processing and Machine Learning. Some of his noteworthy contributions are IndoWordnet, Cognitive NLP, Low Resource MT, NLP of Rare Language Phenomena

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