Abstract

Natural language processing (NLP) as of late has received a ton of press for its computational portrayal and investigation of human language. It has a wide scope of utilization, including machine interpretation, email spam identification, information extraction, rundown, clinical, and question addressing, among others. Different algorithms corresponding to natural language processing are discussed in the paper. Differentiating between different algorithms and writing is future scope is mentioned in this paper. The article is partitioned into four areas, starting with a conversation of various degrees of NLP and parts of Natural Language Generation (NLG), then, at that point, continuing to the set of experiences and development of NLP, the best in class, and latest things and troubles.

Introduction

Natural Language Processing refers to the area of computational linguistic which combines human language with statistical data and deep learning models. It allows computers to process human language to the full of its extent, that is, understanding the human emotions and intent behind the words the speaker or the writer has said or written.

NLP does not treat text like mere sequence of symbols. It understands the thought process of the speaker and why such words are used in an order. It digs a little deeper than just the surface.