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Patent Search

Invention Title	WEB INTELLIGENT BASED METHOD FOR SELF LEARNING FEEDBACK ANALYSIS SYSTEM
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Abstract:

A Web Intelligent Based Method for Self-Learning Feedback Analysis System consists of retrieval of important information from the unstructured text feedback by ap and enhanced text analysis mechanism for efficient decision making. The proposed system uses natural language processing in combination with artificial web intelli abstract useful information from the input unstructured text. The system composes of various NLP modules that are required for processing of the input. The Propos Tagger uses rule based approach for finding accurate part of speech tag by comparing one or more tagger at the same time and using semantic lexicon datasets for u wrong feature words that are caused due to spelling mistakes or short form. The Tag words from the sentences are semantically extracted and mapped with the dom they belong by using a Novel Mapper Machine learning approach. The uncomputed features words are evaluated by the Artificial web Intelligence approach that upd semantic lexicon & domain dataset of the machine learning at real time making the system capable of learning itself as it encounter the new words by considering al feedback of the domain for analysis. The opinion analysis sentiment module extracts the degree of positive and negative polarity and computes the score value of th uses the artificial intelligence & WordNet dictionary approach for updation of the polarity databases that are new to the system at real time. The generalized results f domain are summarized for efficient decision making.

Complete Specification

Claims:We claim:
1.   A Web Intelligent Based Method for Self Learning Feedback Analysis System to implement a methodology to identify the key features and sub features of parti domain from the unstructured text by analyzing through a set of various text processing tools comprising of Stanford Tagger (116), RI WordNet Tagger (118), Rule B Approach (120), Novel Mapper Learninc Machine (126), Semantic Lexican Datasets (106), Domain Analysis (132), Sentiment Analysis Model (134), Polarity Database (Extraction and Retrieving Opinion Words (144), Identifying Base Model (146), Knowledge Database (154) and etc.

2.   In the Web Intelligent Based Method for Self Learning Feedback Analysis System as claimed in claim 1 includes,
a)   Receiving the unstructured text from the user computing device like website, mobile App; Comparing the word with the semantic lexicon datasets by using the Similarity coefficient function.
b)   Extracting the correct part of speech tagging by using the Stanford and Ri WordNet tagger; Comparing the tag word according to the rule based approach for fi the correct tag for the respective word for the features words.
c)   Novel mapper is applied to the training inputs and outputs and corpuses data are created based on domain for matching and identification.
d)   Using the Sematic Lexicon Datasets for comparing the tag words for predicting the correct tag from the sentences.
e)   Using the novel mapper for identifying and matching the features words to their particular domain from the semantic lexicon datasets and computing the simi scores for the features

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