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| **Department of CSE-AI&ML** | | | |
|  | **ARTIFICIAL INTELLIGENCE LAB** | | |
| **BCAI551** | **Bloom’s Knowledge Level (KL)** | | |
| **Course Outcome ( CO)** | | **Bloom’s Knowledge Level (KL)** | |
| **At the end of course, the student will be able to:** | | | |  |
| CO 1 | Use of python to understand the concept of AI | | K3 |
| CO 2 | Implementation of Different AI Techniques | | K4, K5 |
| CO 3 | Application of AI techniques in practical Life | | K4 |
| CO 4 | Understanding of Natural Language Tool Kit. | | K2 |
| CO 5 | Practical Application of Natural Language Tool Kit | | K4, K5 |
| **DETAILED SYLLABUS** | | | |
| 1. Write a python program to implement Breadth First Search Traversal?  2. Write a python program to implement Water Jug Problem?  3. Write a python program to remove punctuations from the given string?  4. Write a python program to sort the sentence in alphabetical order?  5. Write a program to implement Hangman game using python.  6. Write a program to implement Tic-Tac-Toe game using python.  7. Write a python program to remove stop words for a given passage from a text file using NLTK? 8. Write a python program to implement stemming for a given sentence using NLTK?  9. Write a python program to POS (Parts of Speech) tagging for the give sentence using NLTK? 10. Write a python program to implement Lemmatization using NLTK?  11. Write a python program to for Text Classification for the give sentence using NLTK | | | |
| **VALUE ADDED:-** 1. Sentiment Analysis of the given text.  2. Predict emotion of customer towards product by review analysis. | | | |