Sno	Year	Title	Proposed Methodology	Outcome	Tool	Issues	Future Scope
1.	March23 ,2021	Spam Mail Detection Using Deeplearning	Data Collection,Data Preprocessing,Feature Extraction,Model Training, Model Evaluation	Accuracy-0.9730, FI Score-0.9696	BERT, Sklearn, BiLSTM, Classifiers	Not much Accurate results for high sequence length	Can be used in Enhancing Email Security
2.	**08 November 2023**	**Machine-Learning-Based Spam Mail Detector**	Glove Word Embedding ,Word2Vec,Neural Network, Feature Extraction, Model Training, Model Evaluation	Accuracy-97.1954%, FI Score-0.9221	SciKit,NLTK BeautifulSoup Jupyter Notebook	still aiming to get 100% accuracy.	safeguarding digital communications and thwarting cyber threats.
3.	10 July 2020	Email Spam Detection Using ML Algorithms	ML algorithms (Naïve Bayes, SVM, KNN, Random Forest, Bagging, Boosting, Neural Networks)	Accuracy: 96.8764% FI Score: 0.9584	Python with libraries such as NLTK and scikit-learn for implementation.	Difficulty in text preprocessing, algorithm selection	Implementation in email systems for enhanced spam filtering