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| Project Title | Cyber Security Threats Detection using Deep Learning | |

Description of Project:

Currently software piracy and malware attacks are highrisks to compromise the security of network. These threats may steal important information that causes economic and reputational damages. In this paper, we haveproposed a combined deep learning approach to detect the pirated software and malware-infected files across the network. The TensorFlow deep neural networkis proposed to identify pirated software using source code plagiarism. The tokenization and weighting feature methods are used to filter the noisy data and further to zoom the importance of each token in terms of source code plagiarism.

Then, the deep learning approach is used to detect source code plagiarism. The dataset is collected from Google Code Jam (GCJ) to investigate software piracy.

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