Flexible Machine Learning Based Cyberattack Detection

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Machine learning is increasingly being used to detect malware and protect against cyber security threats. With the help of ML algorithms it is possible to create models that can detect malicious activity on a network or computer system. These models are trained on large datasets of malware samples and normal data traffic, allowing them to identify suspicious patterns in incoming data. By using ML algorithms for malware detection, organizations can stay ahead of the latest cyber threats and protect their networks from potential attacks.

The Web application is developed with Naïve Bayes and SVM to detect malware using python and Django as framework

Bibliography

[1] Mingjian Cui, Senior Member, IEEE, Jianhui Wang, Senior Member, IEEE, and Bo Chen, Member, IEEE. IEEE POWER ENGINEERING LETTERS, 2019