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(57) Abstract :
The present disclosure relates to a system (100) and method (300) that includes a processor (102) and memory (104) that execute a set of instructions to detect intrusion using machine learning. The system receives a set of network data from one or more computing devices (112) and creates one or more window-based features from the received set of network data by a feature extraction module. The system also generates a training dataset using one or more intrusion vectors by a dataset generation module for intrusion detection and analyzes the set of network real data for intrusion detection by a data analysis module.

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