ABSTRACT

SQL INJECTION *CYBER ATTACK* DETECTION APPLICATION USING *SUPPORT VECTOR MACHINE* ALGORITHM

By

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Application is a program that runs on a computer and is ready to use that can be used to run commands from the application user with the aim of getting more accurate results in accordance with the purpose of making the application.

Detection is one of the processes for checking or examining something using certain methods and techniques. Detection can be used for various problems, for example in a *cyber attack* SQL Injection detection system, where the system identifies security-related problems commonly called SQL or viruses.

SQL Injection Cyber Attack is an attempt to damage or destroy a computer network or other internet device it can be called. The destructive meaning of the activity is that it can change, disrupt, deceive, and degrade the quality of the computer system or network. At the same time, SQL Injection can occur because the attacker masters SQL query techniques that can bypass the security holes in SQL at the database layer of an application.

Keywords: SQL Injection, *Support Vector Machine, Cyber Attack, Detection*