

DATA-DRIVEN DECISION SUPPORT FOR OPTIMIZING CYBER FORENSIC INVESTIGATIONS

A Project Report

Submitted by

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In partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING



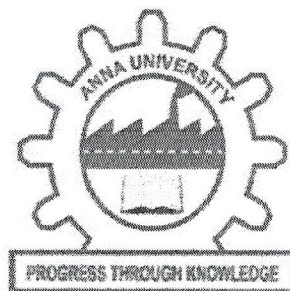
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BONAFIDE CERTIFICATE

Certificate that this project report “Data-Driven Decision Support For Optimizing Cyber Forensics Investigations” is the bonafide work of the following students.

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ABSTRACT

Cyber security threat is offensive action that targets computer network, personal or professional devices by using various methods to alter, steal or destroy data. Cyber forensic explains how a policy became violated and who was responsible for it. Developing policies and procedures that establish the parameters for operation and function is an important phase of creating a computer forensics unit. An effective way to begin this task is to develop a mission statement that incorporates the core functions of the unit, whether those functions include high-technology crime investigations, evidence collection, or forensic analysis. However, Cyber forensic contains steps to investigate or collect the data., Analysis phase will lead to make the decision. It is defined as the processes and tools used in investigations and gathering evidence. Some of the instruction will be provided as a default such as category wise. By Analysing the investigation report, process will be optimized to reduce the investigation process. Staff will give the report daily basis, expert will check and analysis the report to provide the instructions to the staffs. The venture known as "Data-Driven Decision Support for Optimizing Cyber Forensic Investigations" is a web based application. This software provides facility for confirming criminal offenses, Problems, losing individuals to DIG. This software provide facility for reporting online crimes, online complaints, missing persons show criminal list and details on web page. Any number of public can complaint through online. Each user first makes their login to server to share their availability. An effective way to begin this task is to develop a mission statement that incorporates the core functions of the unit, whether those functions include high-technology crime investigations, evidence collection, or forensic analysis. However, Cyber forensic contains steps to investigate or collect the data It is defined as the processes and tools used in investigations and gathering evidence. Some of the instruction will be provided as a default such as category wise. By analysing the investigation report, process will be optimized to reduce the investigation process.



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A handwritten signature in blue ink, appearing to read "J. K. S.", written over the printed name of the Principal.

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