Cyber security Lab

Experiment 6

6) Perform email analysis, Filetype detection using the Autopsy tool.

***Aim:***

In cyber security, Autopsy refers to a digital forensics platform used for conducting in-depth examinations of digital devices and file systems. It is a tool that assists in the investigation of what happened on a computer by analyzing data such as deleted files, web browsing history, and file access logs.

***About autopsy:***

Autopsy - known as a post-mortem examination(In medical term). It is a tool that assists in the investigation of what happened on a computer by analyzing data such as deleted files, web browsing history, and file access logs.

Autopsy is a fast and efficient hard drive solution for investigation that is majorly used by cyber security professionals. This is a software that makes use of open-source programs easier.

## How to Install Autopsy?

Autopsy mainly comes with pre-installed Kali Linux, but it is recommended to use Autopsy in Windows as it offers a better GUI experience.

To install the autopsy, follow the given steps:

**Step 1:** You can go to the official website of Autopsy.

<https://www.autopsy.com/download/>

**Step 2:** Click on Download with Windows architecture of 64-bit or 32-bit.

## What are the Benefits of Autopsy?

* It has a user-friendly and very intuitive interface.
* It is built to be an open-source end-to-end platform with various out-of-the-box third-party modules.
* It supports an advanced GUI for timeline analysis and a hash filtration feature for easy search.
* It extracts the history, cookies, and bookmarks from web browsers and images and videos too. .
* Autopsy can be used freely as it comes free of cost. It gives cost-effective solutions in times of tight budgets.

### Use full in Corporate Investigations

### Use full in Military and Government

### Use full in Academic and Research

**Android Support**

The autopsy also helps you to extract valuable data from your mobile phones. It can recover all the SMS, contacts, chats, call logs, etc from the phone.