

## Ex. No 5 Use Autopsy to create a case and import evidence

### AIM:

To use Autopsy, a digital forensic analysis tool, to create a case and import digital evidence for examination of file systems, images, and artifacts.

### DESCRIPTION:

**Autopsy** is a graphical digital forensics platform built on top of **The Sleuth Kit (TSK)**. It allows investigators to analyze hard drives, memory dumps, or disk images through an easy-to-use GUI.

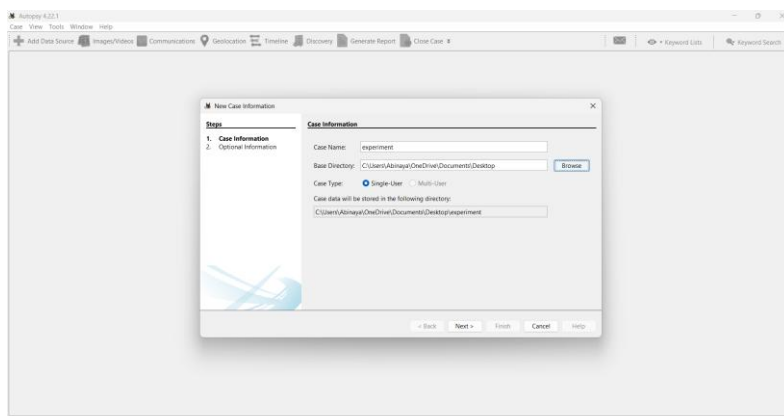
It supports forensic functions such as:

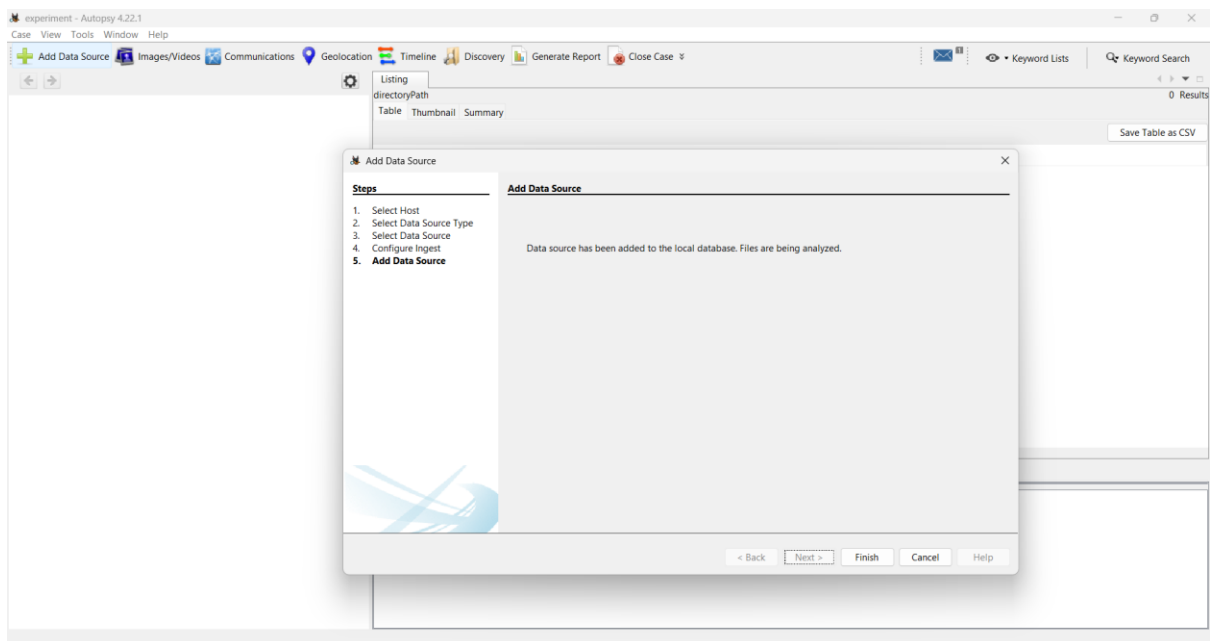
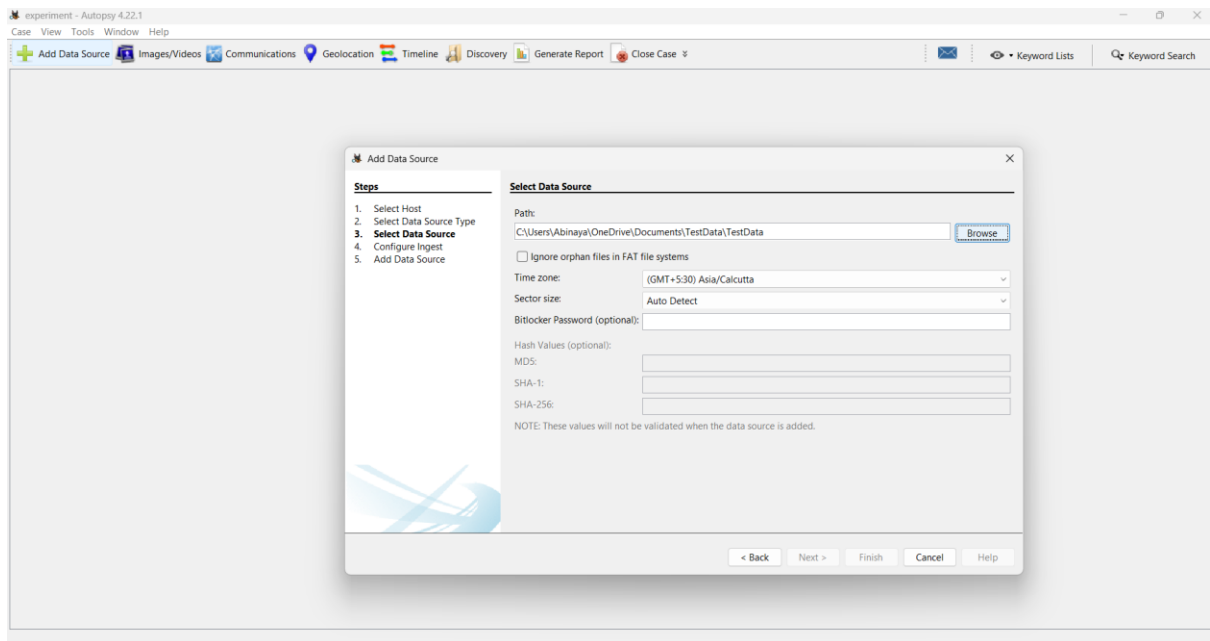
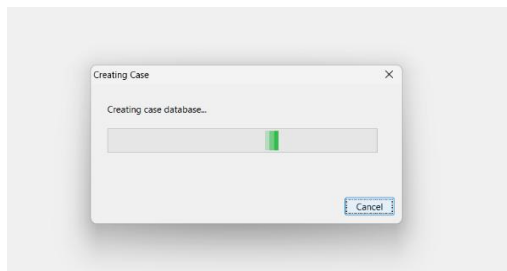
- Viewing and recovering deleted files
- Extracting metadata (timestamps, file types, keywords)
- Timeline and keyword analysis
- Browser history and email extraction
- Hash set filtering for known or suspicious files

Autopsy structures its work in **cases**, allowing multiple pieces of evidence (images, drives, memory dumps) to be added under one investigation. Each case is documented with logs and analysis results.

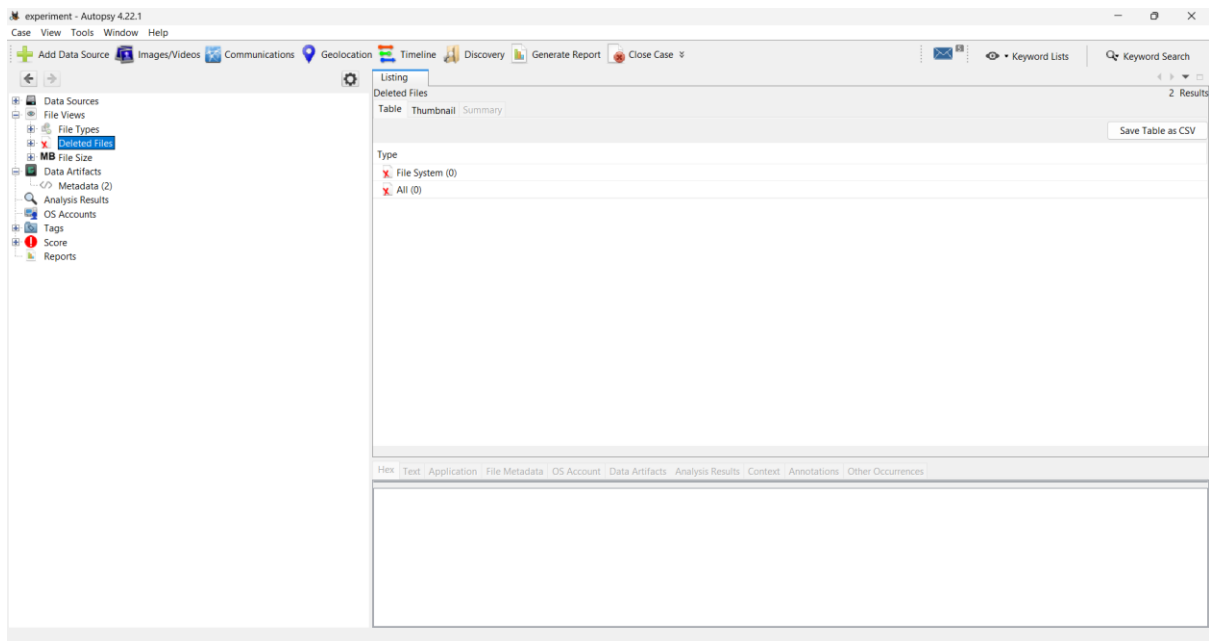
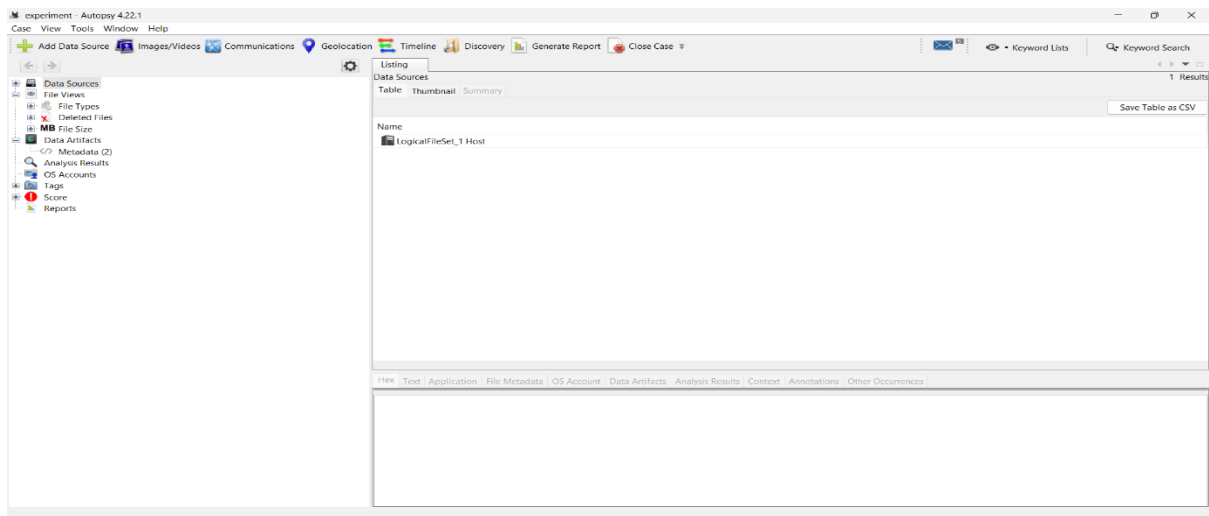
This makes Autopsy ideal for forensic workflows where examiners need to manage multiple evidences while maintaining data integrity and proper documentation.

### PROCEDURE:





## OUTPUT:



experiment - Autopsy 4.22.1

Case View Tools Window Help

Add Data Source Images/Videos Communications Geolocation Timeline Discovery Generate Report Close Case

Listing Metadata 2 Results

Table Thumbnail Summary

Save Table as CSV

Source Name	S	C	O	Date Modified	Date Created	User ID	Program Name	Owner	Data Source
transmission_system_problems[1].pptx				2025-08-13 07:03:00 IST	2013-01-27 09:14:16 IST	Abinaya.S.R	Microsoft Office PowerPoint	Abinaya	Logical File
Smart_Complaint_Registration_System_Presentation				2025-07-29 18:49:31 IST	2013-01-27 09:14:16 IST	Abinaya.S.R	Microsoft Office PowerPoint	Abinaya	Logical File

Hex Text Application File Metadata OS Account Data Artifacts Analysis Results Context Annotations Other Occurrences

experiment - Autopsy 4.22.1

Case View Tools Window Help

Add Data Source Images/Videos Communications Geolocation Timeline Discovery Generate Report Close Case

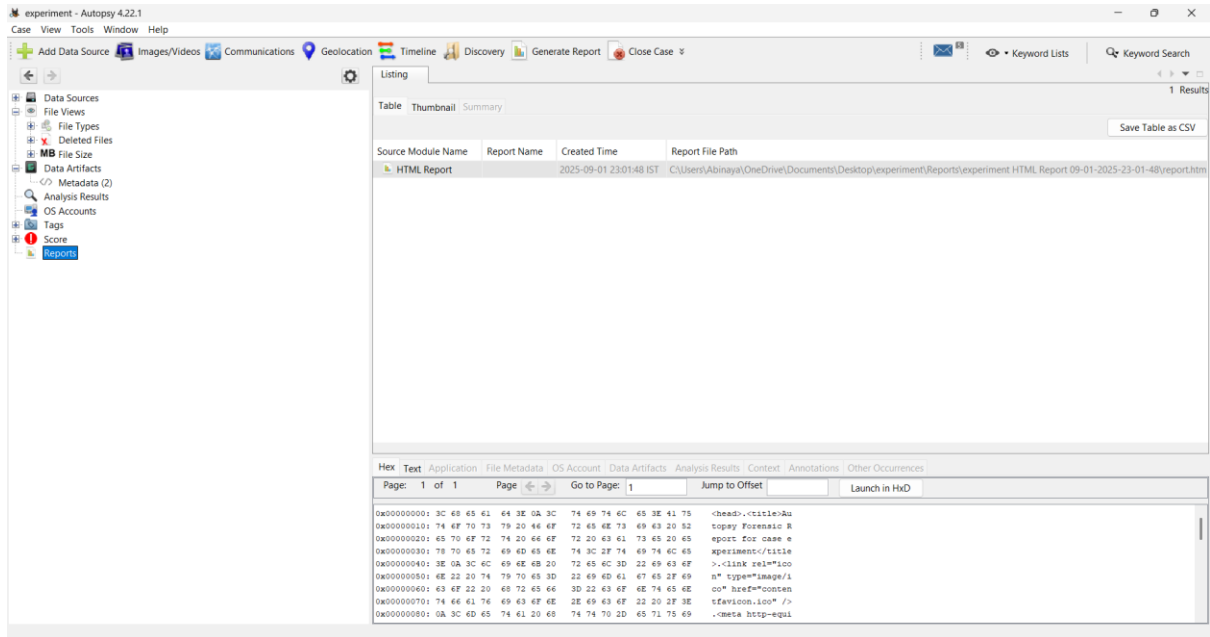
Listing File Types 2 Results

Table Thumbnail Summary

Save Table as CSV

Name
By Extension
By MIME Type

Hex Text Application File Metadata OS Account Data Artifacts Analysis Results Context Annotations Other Occurrences



## RESULT:

The Autopsy tool was successfully used to create a forensic case and import digital evidence. The analysis modules extracted file system data, metadata, and artifacts, providing a detailed view of the evidence for investigation.