

# Ex.No 5: Use Autopsy to Create a Case and Import Evidence

## Description

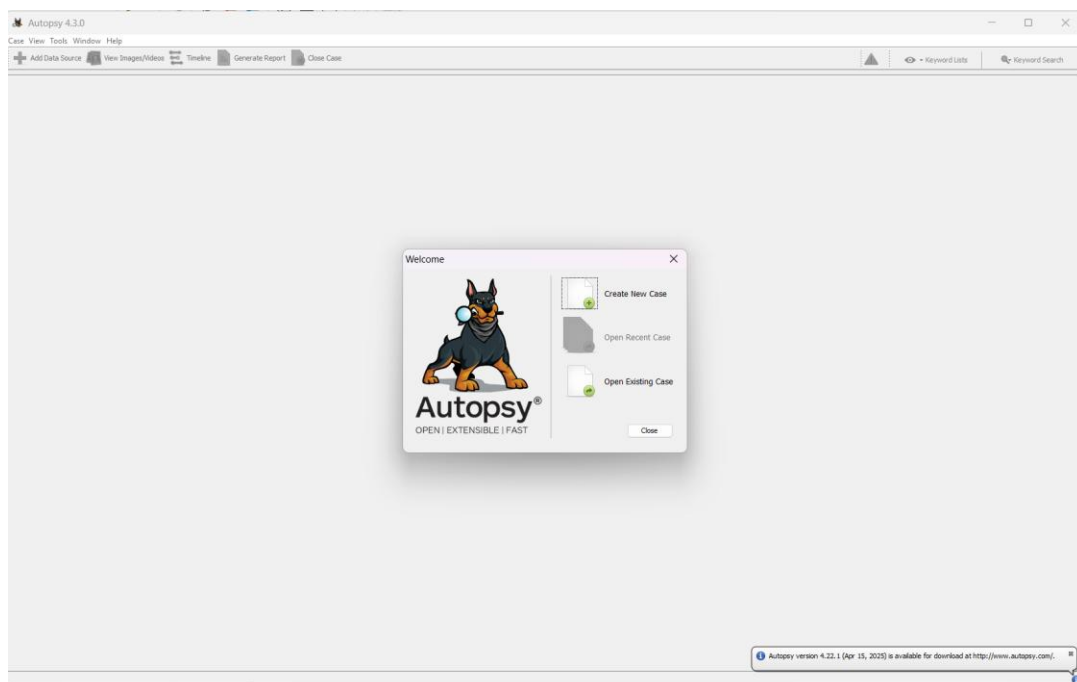
Autopsy is an open-source digital forensics platform used for analyzing and extracting data from digital devices. Below is a step-by-step guide to perform a basic forensic investigation using Autopsy.

### 1. Installation

- Download Autopsy from the official website.
- Install it following the instructions for your operating system (Windows, Linux, or macOS).

### 2. Starting a New Case

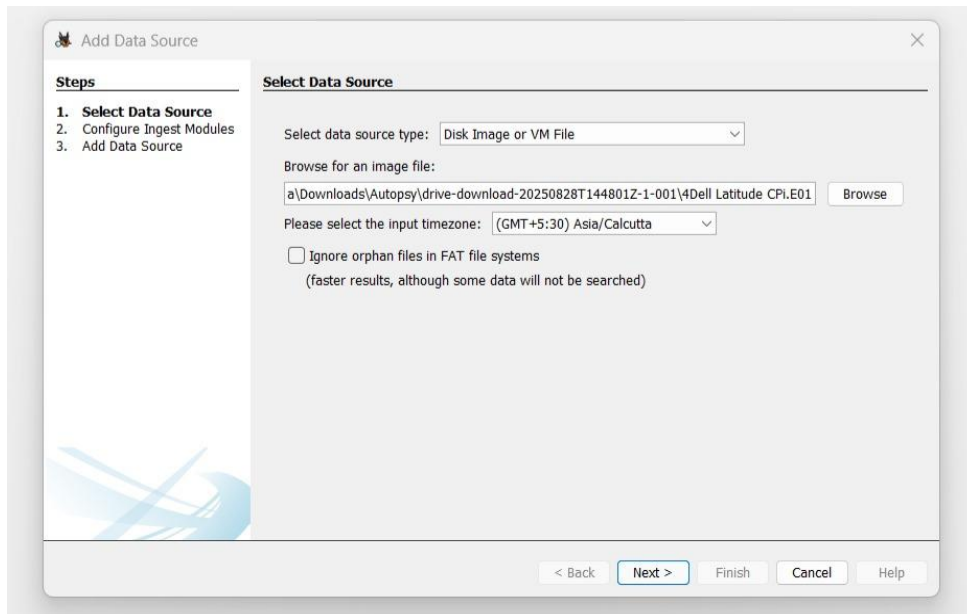
- Launch the Autopsy application.
- Click on **New Case**.
- Enter the case name and choose a storage location for the case data.
- Fill in details such as the case number, examiner's name, and other metadata.
- Click **Next** to proceed.



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### 3. Adding a Data Source

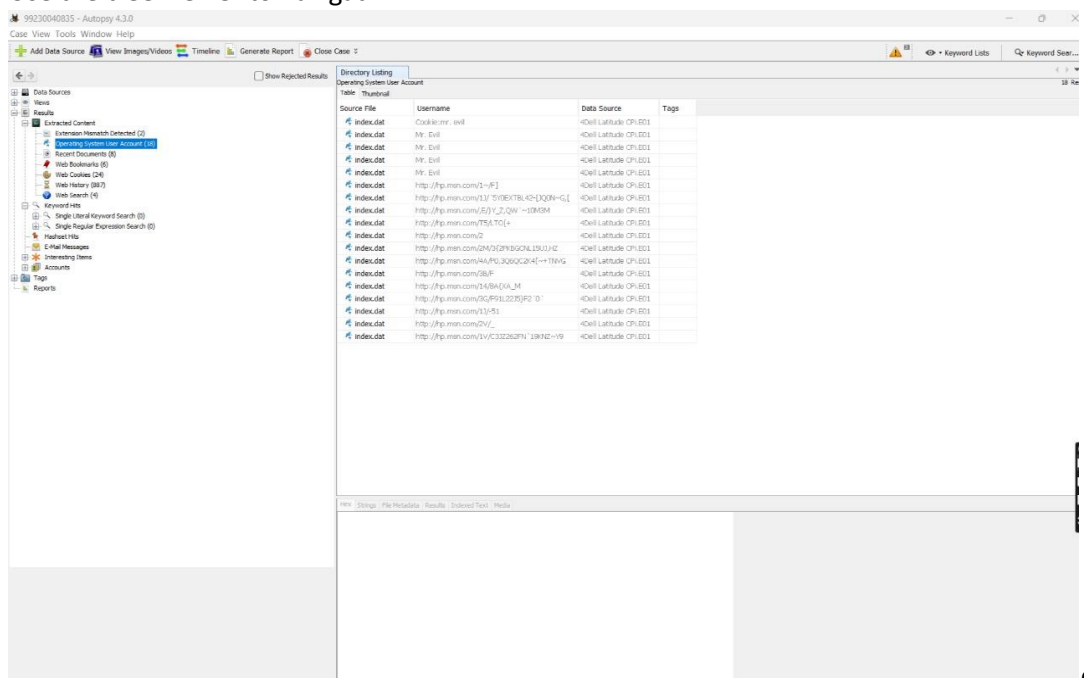
- Select the type of data source (disk image, local disk, logical files, etc.).
- Browse and select the evidence file or drive.
- Configure ingest modules (such as file type identification, hash lookup, keyword search).
- Start the analysis.



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#### 4. Initial Analysis and Overview

- Monitor the ingest progress displayed at the bottom of the screen.
- Explore the artifacts generated by Autopsy (web history, recent documents, deleted files, etc.).
- Use the tree viewer to navigate



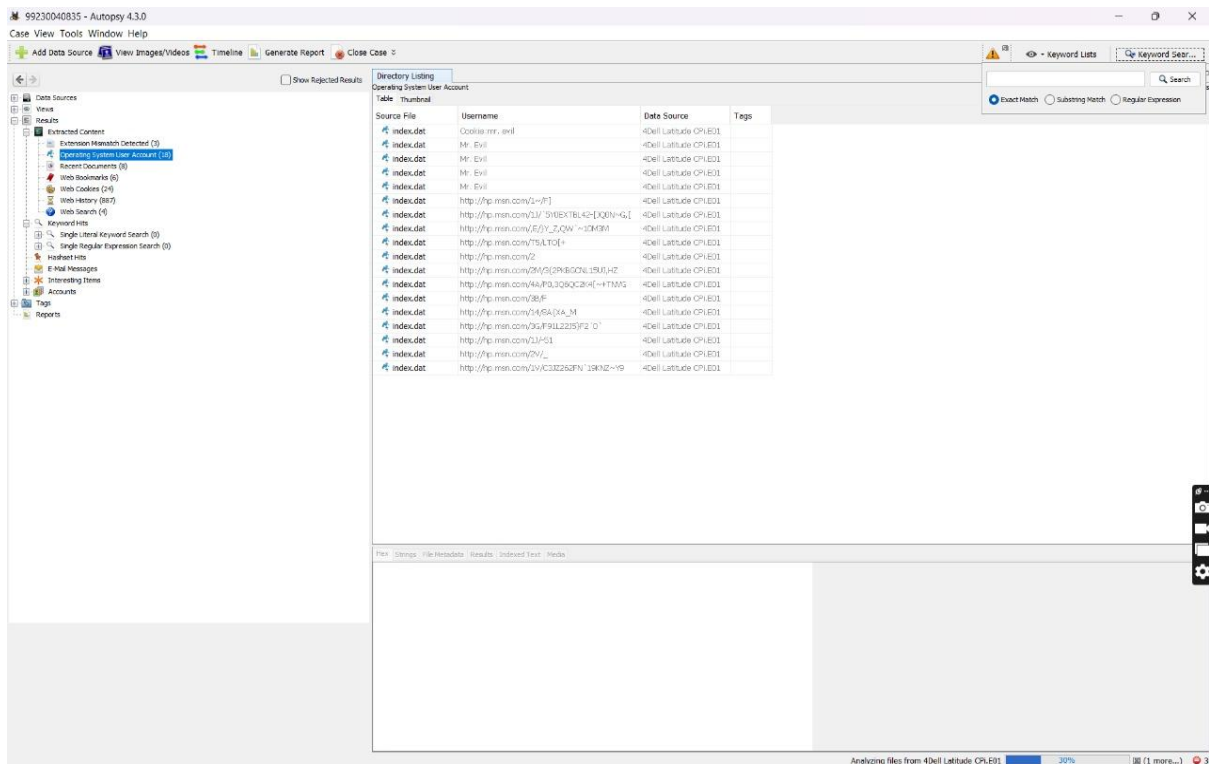
different categories of evidence.

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#### 5. Detailed Analysis

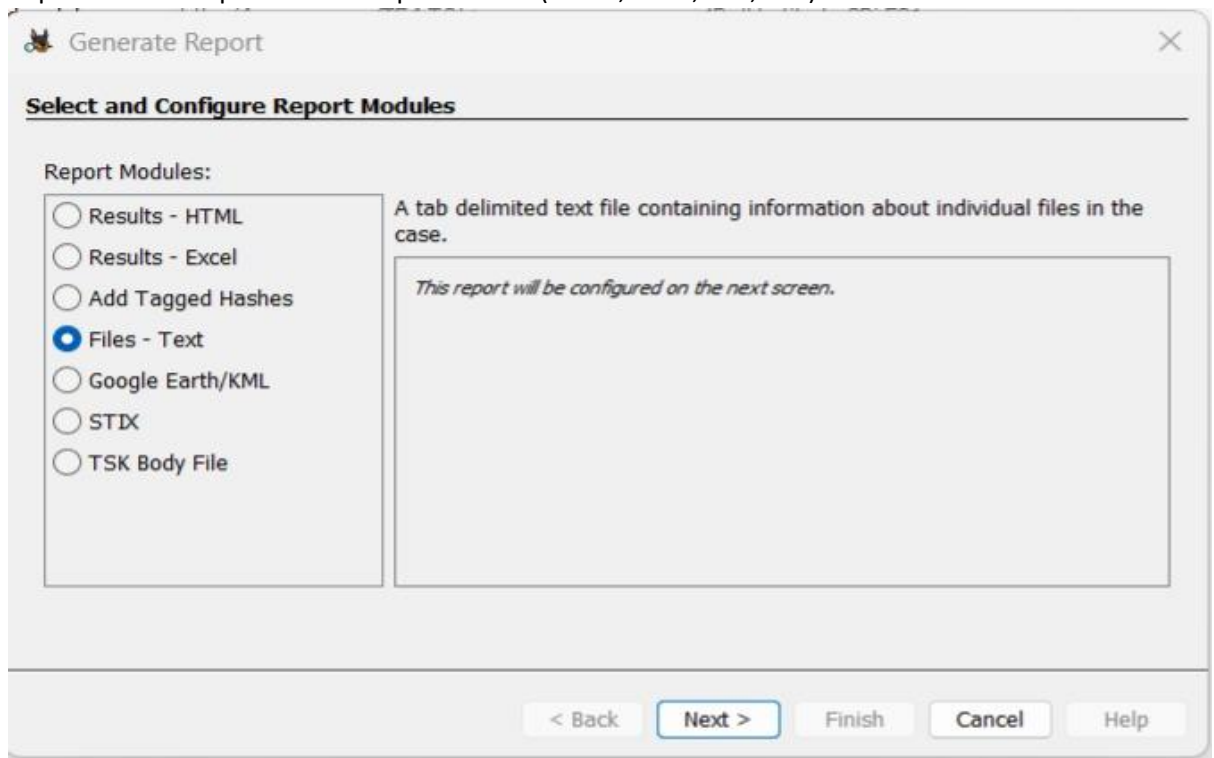
- **Keyword Search:** Run searches with custom or pre-configured keywords.
- **File Analysis:** Browse files under File Types or File System, and export files if needed.
- **Timeline Analysis:** Visualize system events and user activities using timestamps.

- **Hash Analysis:** Compare file hashes against known databases to detect suspicious or trusted files.



## 6. Reporting

- After completing the analysis, generate a report from the toolbar.
- Reports can be exported in multiple formats (HTML, Excel, PDF, etc.).



- The report will include details of findings, keyword matches, file artifacts, and timelines.

