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INT301 – CA03

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Introduction :-

Objective of the project :-

The objective of the project is to fetch the information of all the deleted file to see the all the information on that particular file or disk.

-> In this first we have to select a disk on which we can do the forensic analysis and then we have to do the all of the process and in the last we are able to see all the deleted file and image and in the last we can also generate the report.

Description of the project :-

In this project first we have to choose an open source application so we can do our forensic analysis of that particular app.

-> For my this project I have installed the autopsy app.

Link :- <http://sleuthkit.org/autopsy/download...>

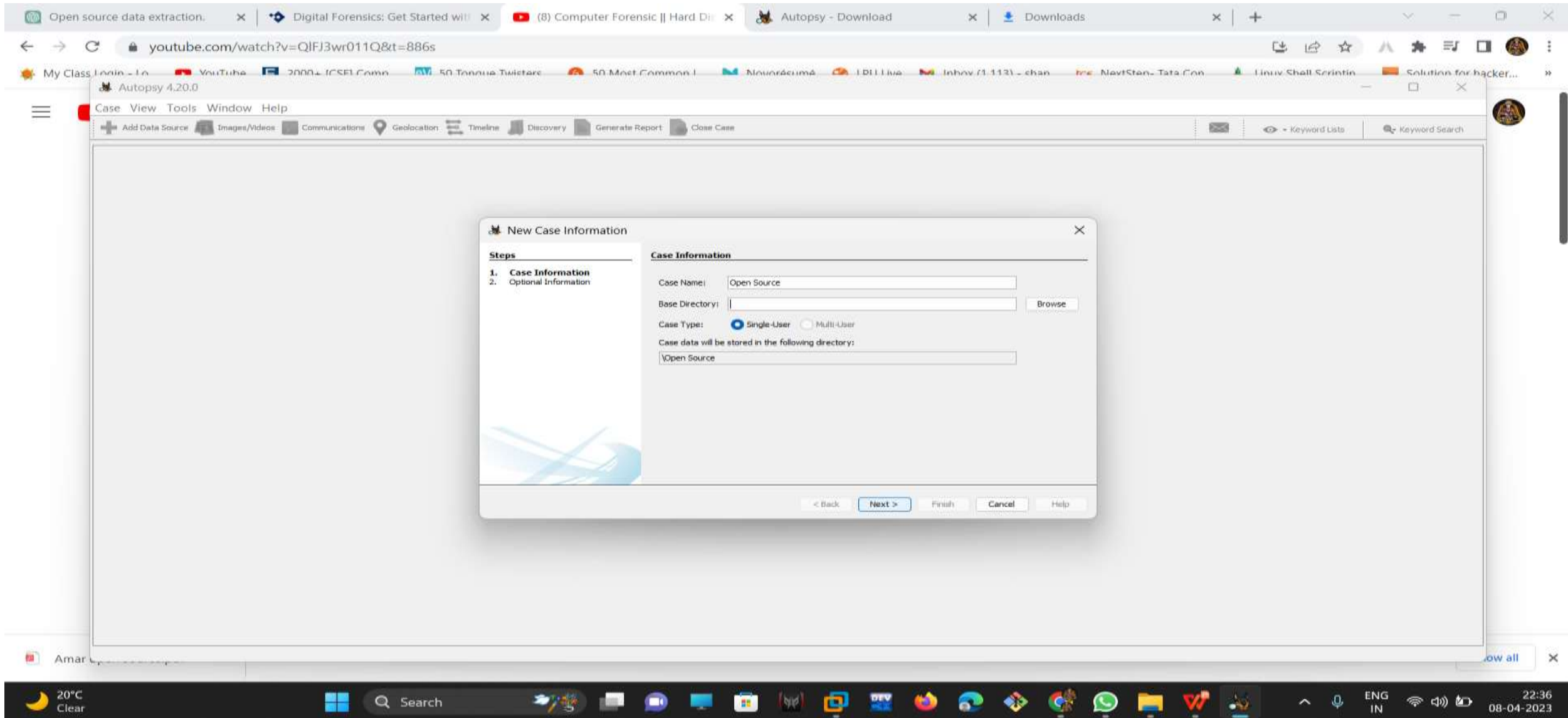
Scope of the project :-

- The main scope of the project is to fetch or get the all the information of a particular file or disk .
- This project helps us to understand how the forensic tools uses and how any forensic team work on any particular case to get the information and get the desired result.
- This involves selecting and using appropriate open source software tools and techniques for data extraction and analysis. This may involve selecting tools based on the specific data sources being analyzed and the types of evidence being sought.
- This involves managing the project from start to finish, including planning, scheduling, and tracking progress. It may also involve coordinating with other team members, stakeholders, and external parties as needed.
- Overall, the scope of a project to extract data from disk drives and other storage devices for forensic analysis of computer systems can be broad and complex, requiring a range of technical and analytical skills as well as knowledge of legal and ethical issues. It is important to carefully define the scope of the project and establish clear objectives and milestones to ensure its success.

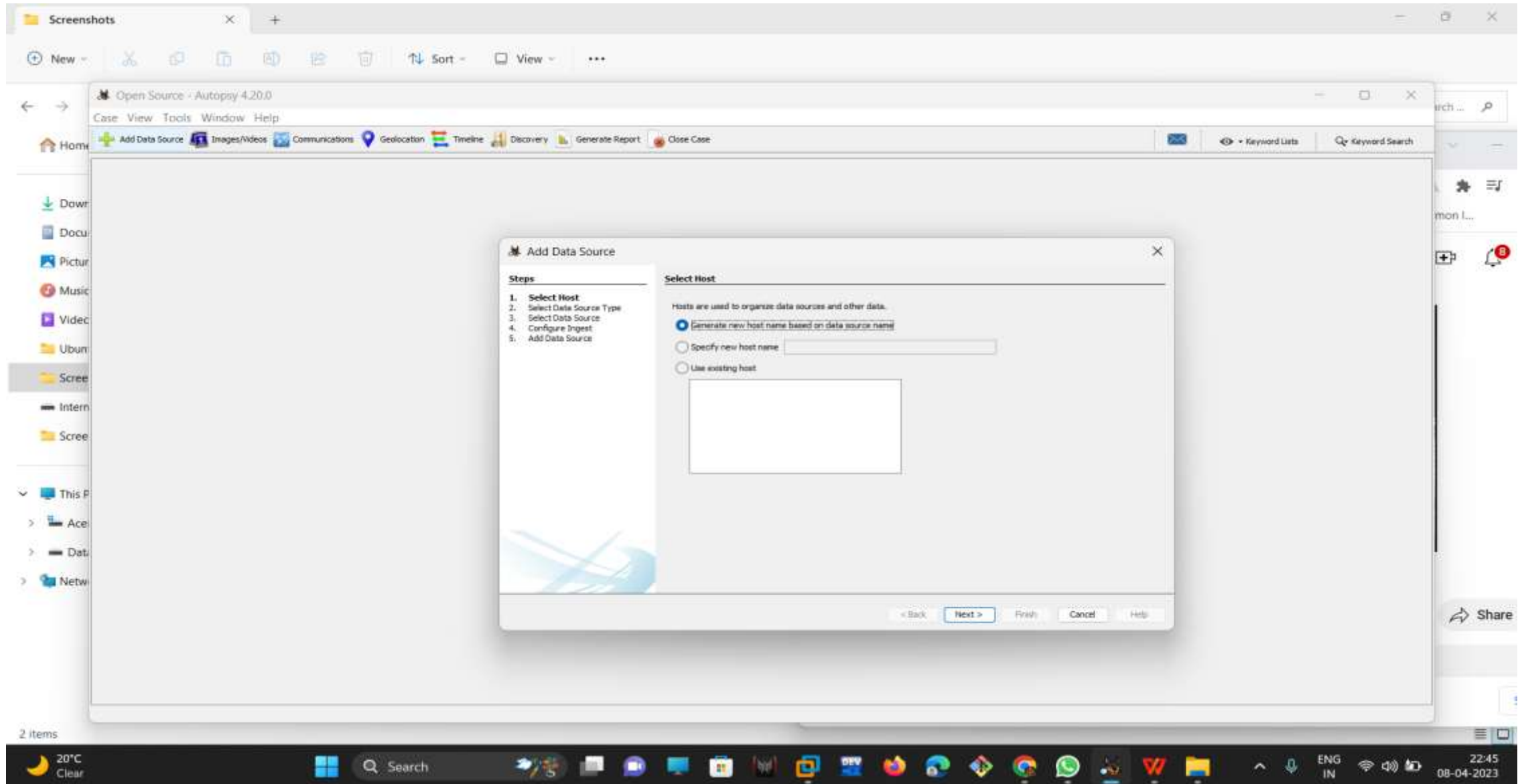
The target system for extracting data from disk drives and other storage devices for forensic analysis of computer systems can vary depending on the specific requirements and goals of the project. Here are some factors to consider when describing the target system:

1. Operating system: The target system may run on various operating systems, such as Windows, Linux, macOS, or other proprietary systems.
2. Storage devices: The target system may use various types of storage devices, such as hard disk drives, solid-state drives, USB flash drives, memory cards, or other external devices.
3. File systems: The target system may use various file systems, such as NTFS, FAT32, ext4, HFS+, or other proprietary formats.

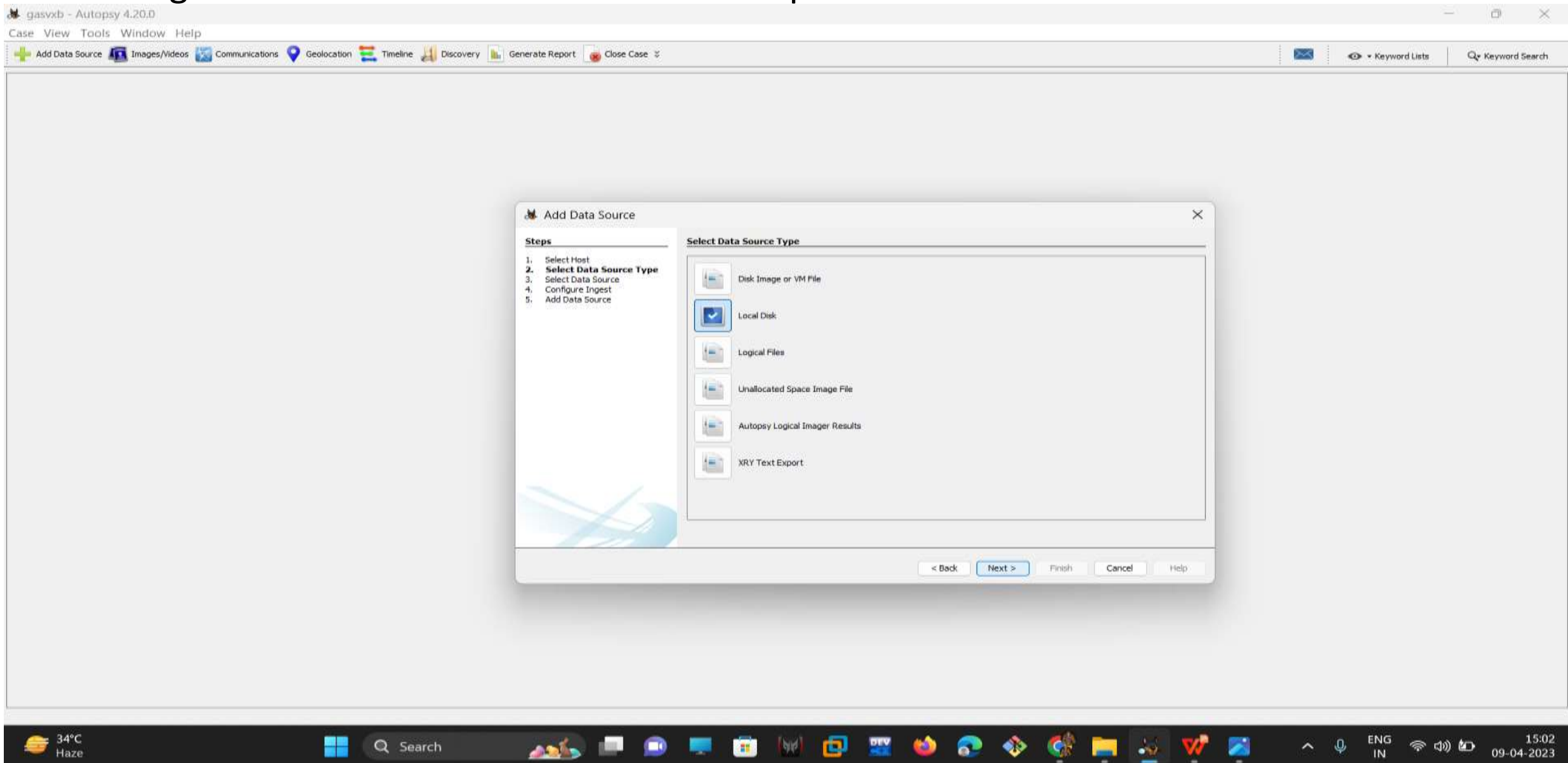
First we have to open the open source app ie Autopsy and then we have to create a new case and then we have to put the file case name and case description and a new case.



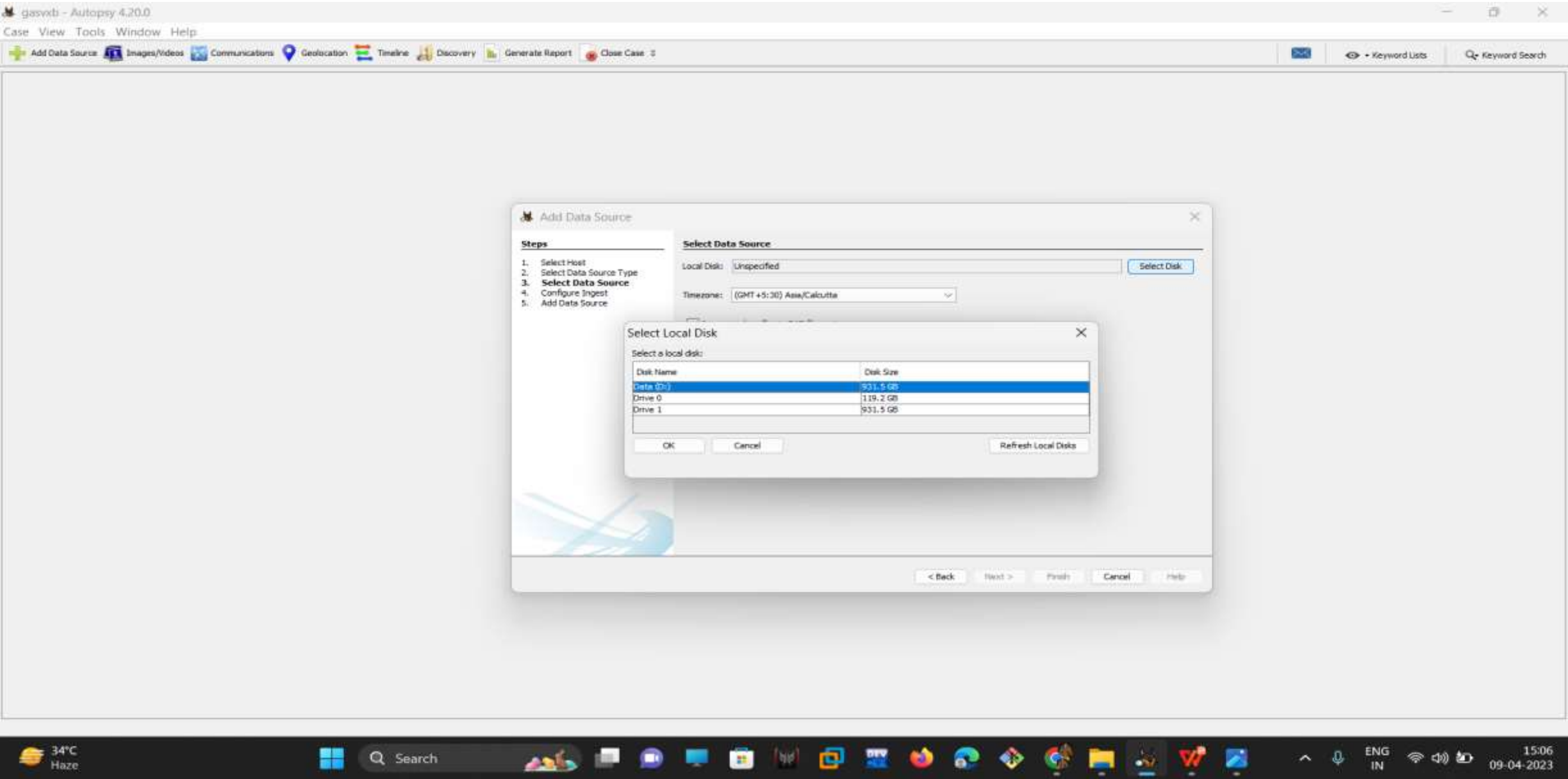
After that we have to add the add data source and then select the generate new ost basedon data source name.



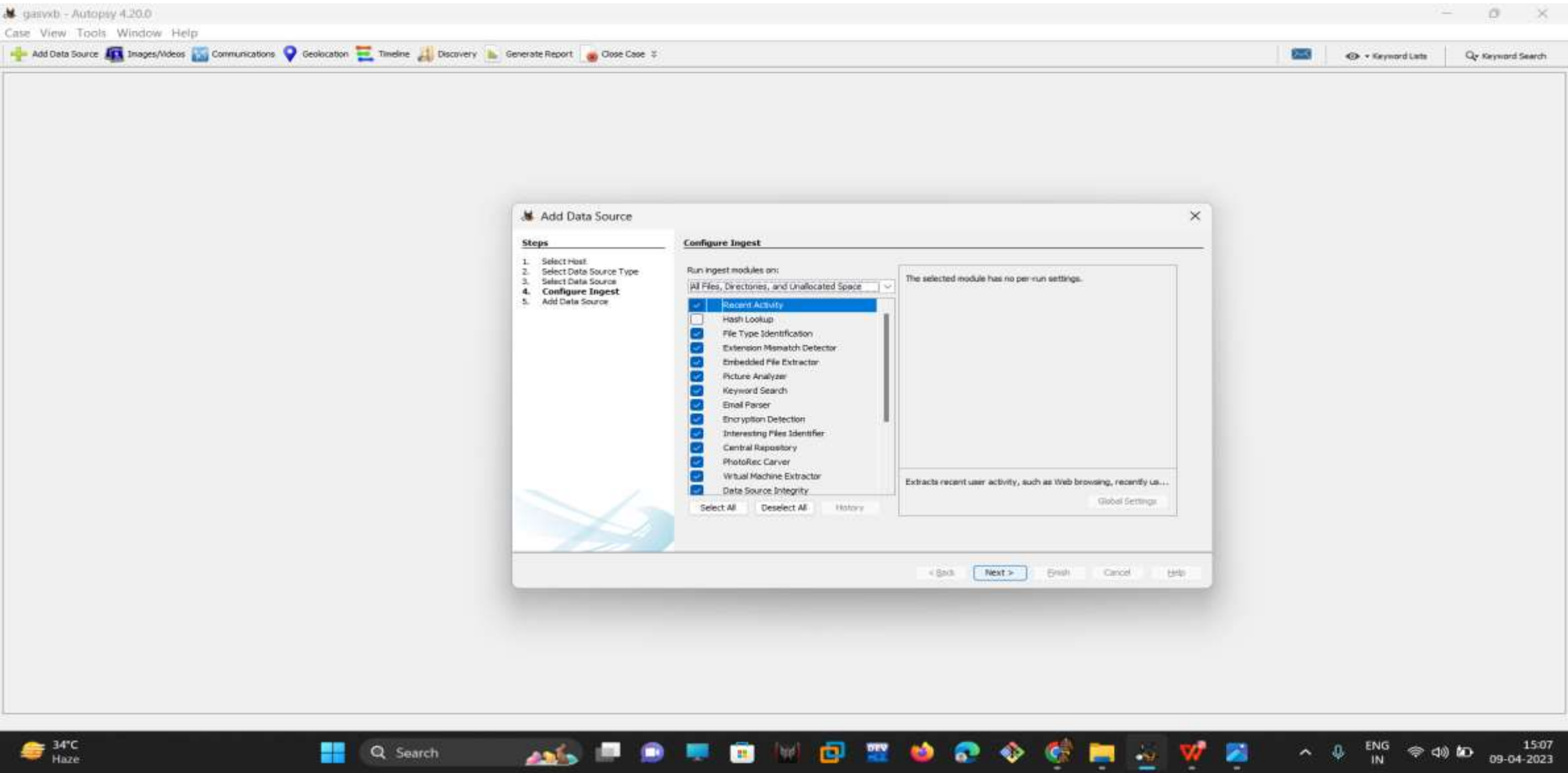
After that we have to choose the file type on which we want to do the analysis, so in my case i am doing on the local disk so i am select the option local disk.



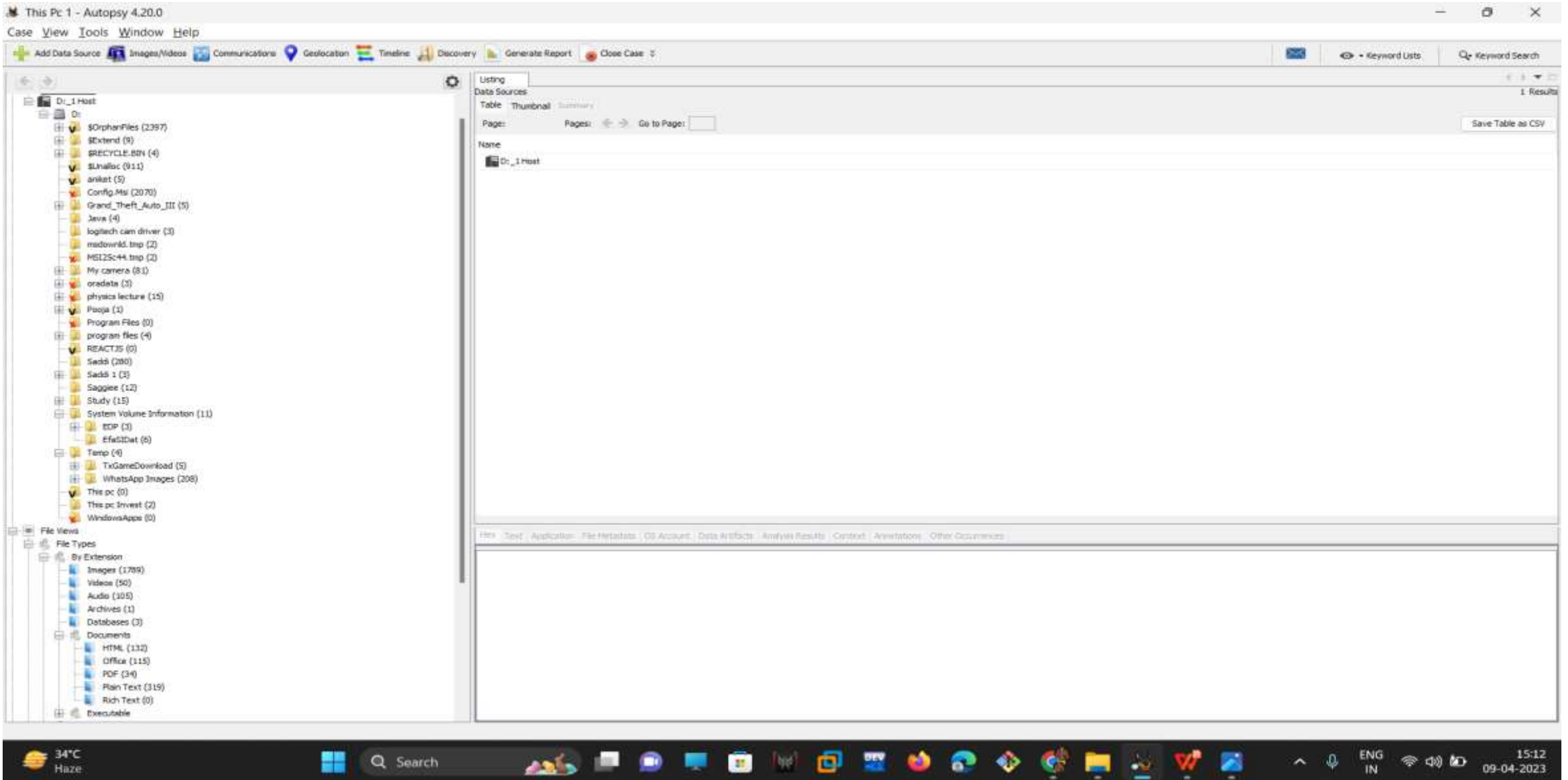
After that we have to select the disk file located on the computer.



After that we have to choose the all the option what type of data we want to fetch from the information on the paticluar file.



In the last all the delete file on the particluar disk we can fecth the all the information o all the deleted file.



We can also see that on selecting any file or any app on that particular app we can see all the information regarding that particular file.

This Pc 1 - Autopsy 4.20.0

Case View Tools Window Help

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

Dr_I Host

- Di
- OrphanFiles (2357)
- Extend (9)
- RECYCLE.BIN (4)
- Sumloc (911)
- amket (5)
- Config.Msi (2070)
- Grand_Theft_Auto_III (5)
- Java (4)
- logitech cam driver (3)
- msdownld.tmp (2)
- MSI25c44.tmp (2)
- My camera (81)
- oradata (3)
- physics lecture (15)
- Pooja (1)
- Program Files (0)
- program files (4)
- REACTJS (0)
- Saddi (280)
- Saddi 1 (3)
- Sagjee (12)
- Study (15)
- System Volume Information (11)
 - EDP (3)
 - EfsaSIDat (6)
- Temp (4)
- TxGameDownload (1)
- WhatsApp Images (208)
- This pc (0)
- This pc Invest (2)
- WindowsApps (0)

File Views

- File Types
 - By Extension
 - Images (1785)
 - Videos (50)
 - Audio (305)
 - Archives (1)
 - Databases (3)
 - Documents
 - HTML (132)
 - Office (115)
 - PDF (34)
 - Plain Text (319)
 - Rich Text (0)
 - Executable

Listing

img_Dr/Java

Table Thumbnail Summary

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Save Table as CSV

Name	S	C	O	Modified Time	Change Time	Access Time	Created Time	Size	Flags(Dr)	Flags(Meta)	Known	Location
HelloWorld1.java				2021-03-18 10:23:14 IST	2021-03-18 10:36:13 IST	2023-03-06 14:01:42 IST	2021-03-18 10:23:40 IST	122	Allocated	Allocated	unknown	img_Dr/Java/HelloWorld1.java
LambdaExpressionExample3.java				2021-03-17 11:35:10 IST	2022-10-17 19:43:53 IST	2023-03-06 14:01:55 IST	2021-03-17 11:36:16 IST	201277	Allocated	Allocated	unknown	img_Dr/Java/LambdaExpressionExample3.java
[current folder]				2021-03-18 10:23:40 IST	2021-03-18 10:23:40 IST	2023-04-09 14:01:27 IST	2021-01-13 10:17:33 IST	312	Allocated	Allocated	unknown	img_Dr/Java/
[parent folder]				2023-04-09 14:03:02 IST	2023-04-09 14:03:02 IST	2023-04-09 14:03:40 IST	2019-03-05 08:51:21 IST	152	Allocated	Allocated	unknown	img_Dr/Java/..

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

34°C Haze

Search

15:12 09-04-2023