

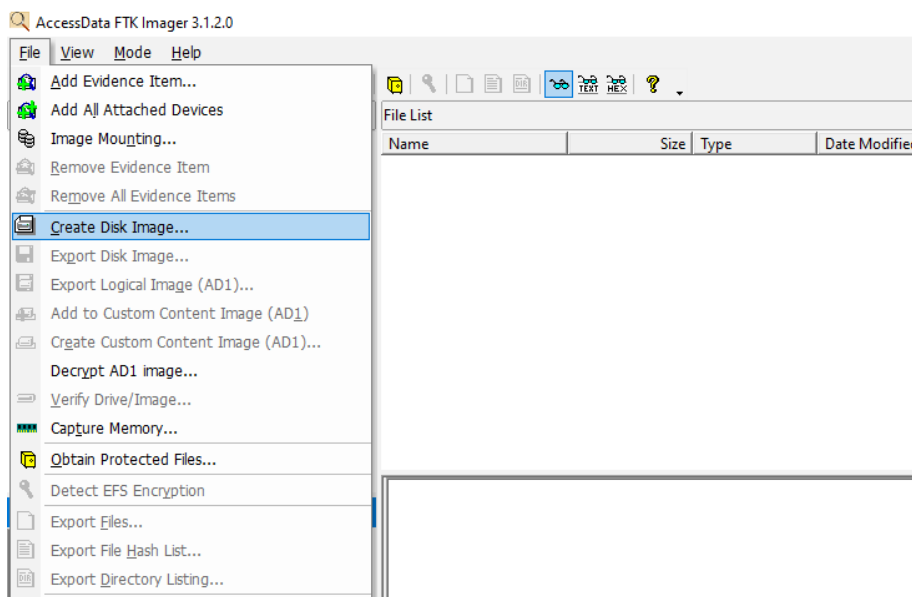
**Aim:** Creating a Forensic Image using FTK Imager/Encase Imager.

**Steps:**

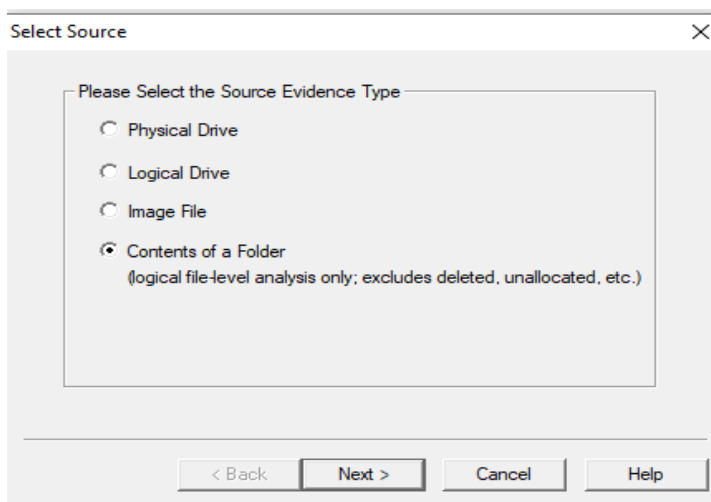
- **Creating Forensic Image**
- **Check Integrity of Data**
- **Analyze Forensic Image**

□ **Creating Forensic Image**

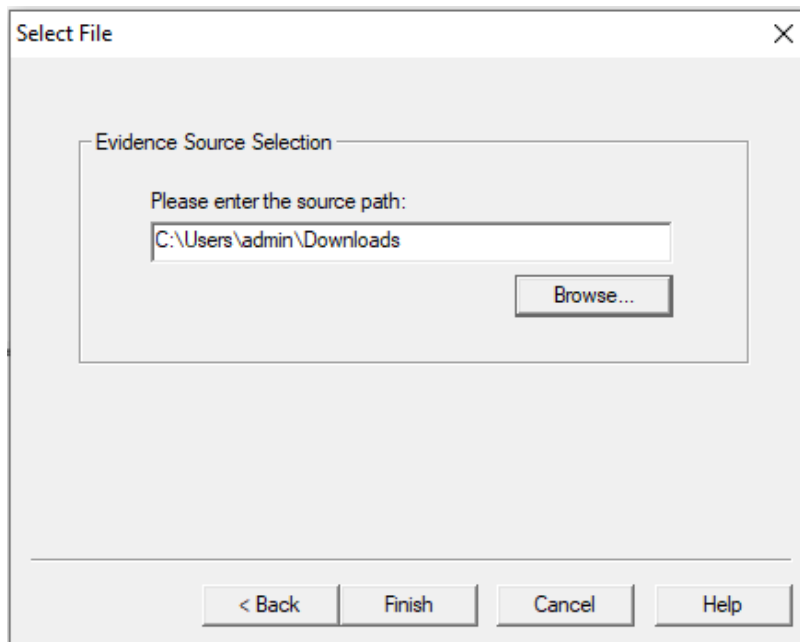
- Click File, and then Create Disk Image, or click the button on the tool bar.



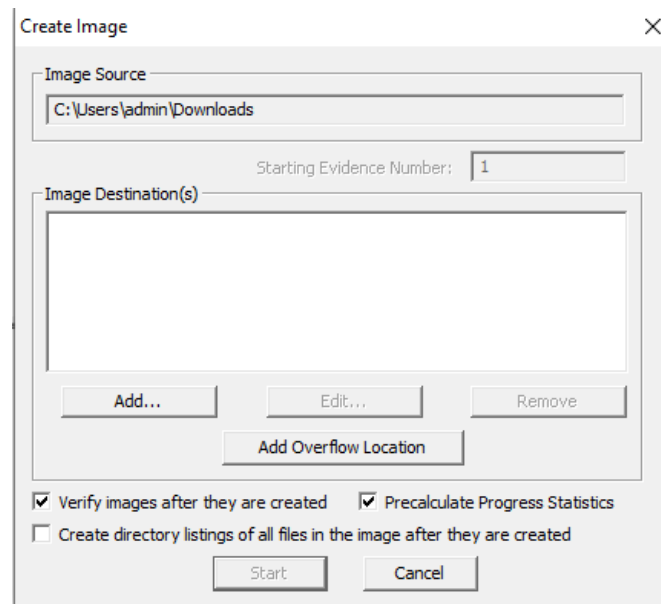
- Select the source evidence type you want to make an image of and click Next.



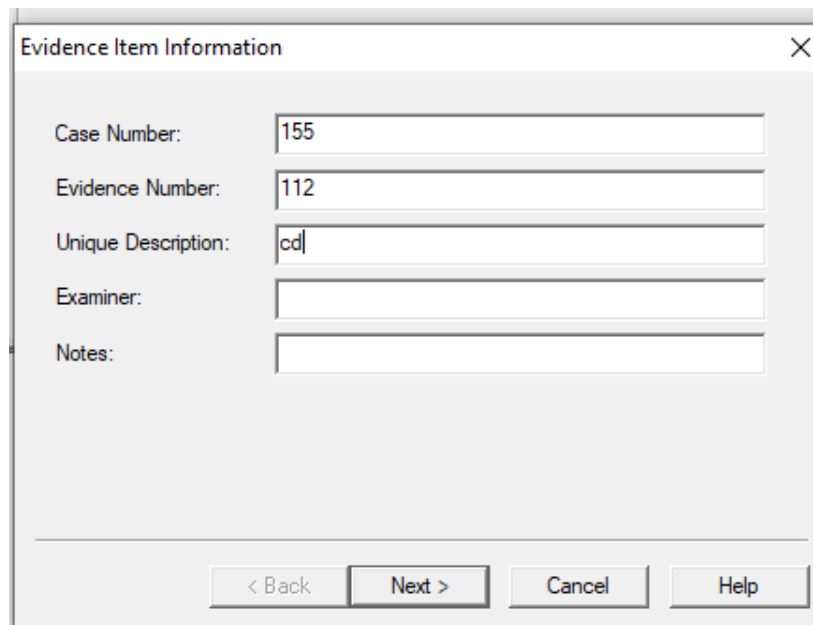
- Select the source evidence file with path.



- Click on "add" to add image destination



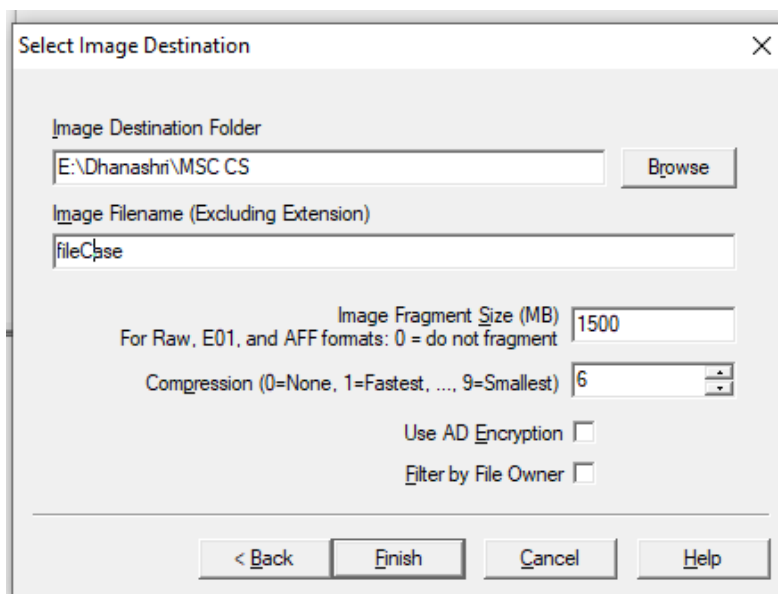
- Enter Evidence Information



The 'Evidence Item Information' dialog box contains the following fields and controls:

- Case Number: 155
- Evidence Number: 112
- Unique Description: cd
- Examiner: (empty field)
- Notes: (empty field)
- Buttons: < Back, Next >, Cancel, Help

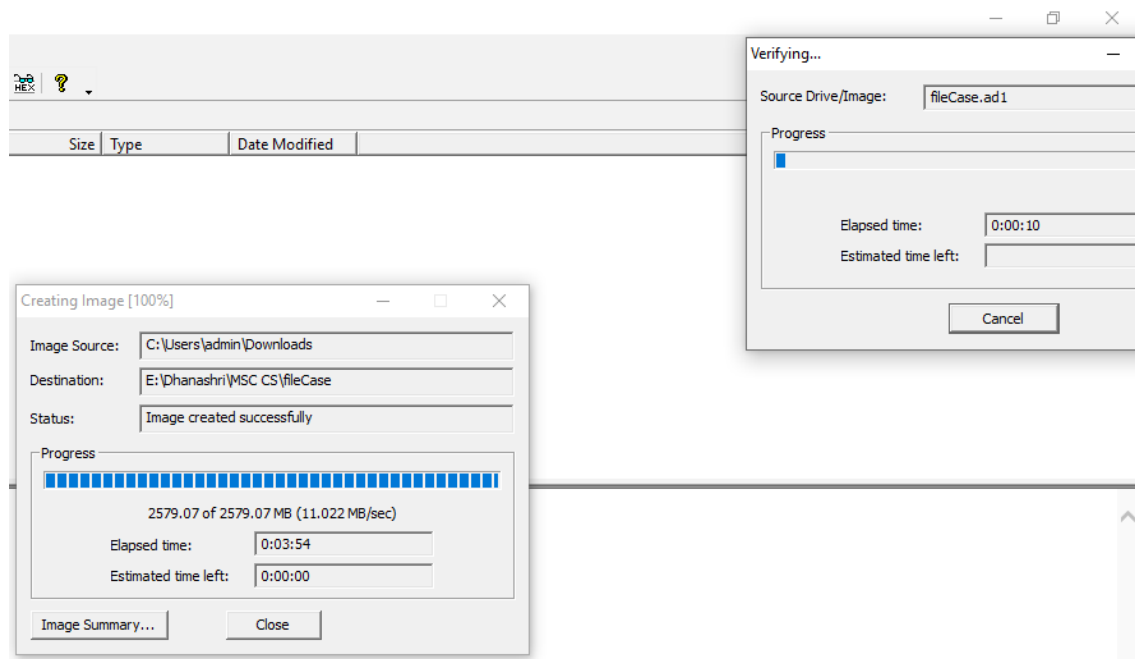
- In the Image Destination Folder field, type the location path where you want to save the image file, or click **Browse** to find to the desired location.



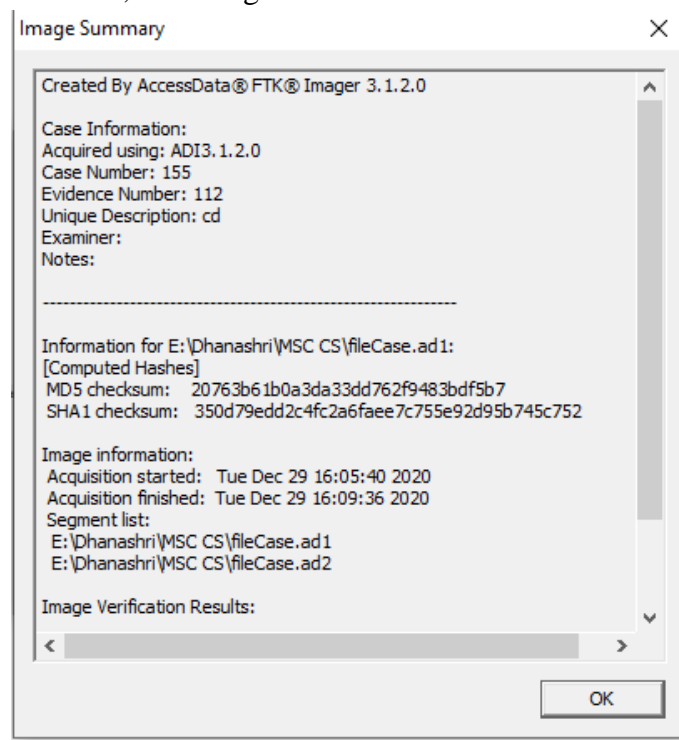
The 'Select Image Destination' dialog box contains the following fields and controls:

- Image Destination Folder: E:\Dhanashri\MSC CS
- Browse button
- Image Filename (Excluding Extension): fileCase
- Image Fragment Size (MB): 1500
- For Raw, E01, and AFF formats: 0 = do not fragment
- Compression (0=None, 1=Fastest, ..., 9=Smallest): 6
- Use AD Encryption: ☐
- Filter by File Owner: ☐
- Buttons: < Back, Finish, Cancel, Help

- After adding the image destination path click on finish and start the image processing.

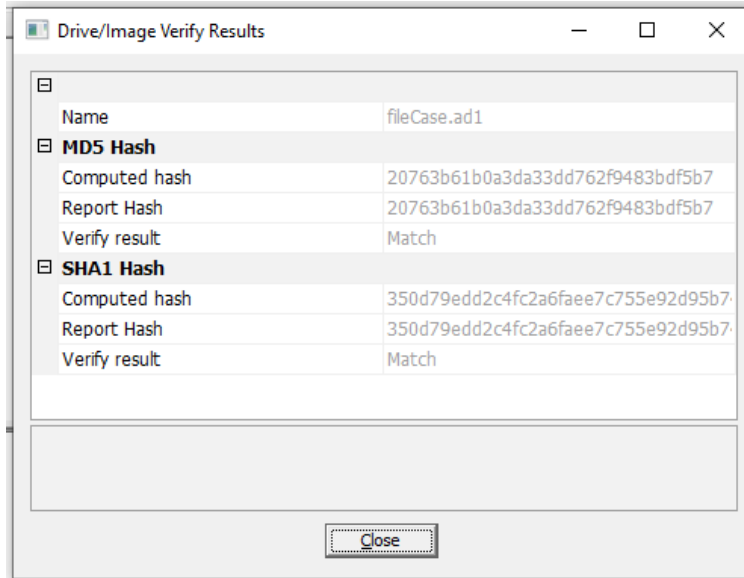


- After the images are successfully created, click Image Summary to view detailed file information, including MD5 and SHA1 checksums.



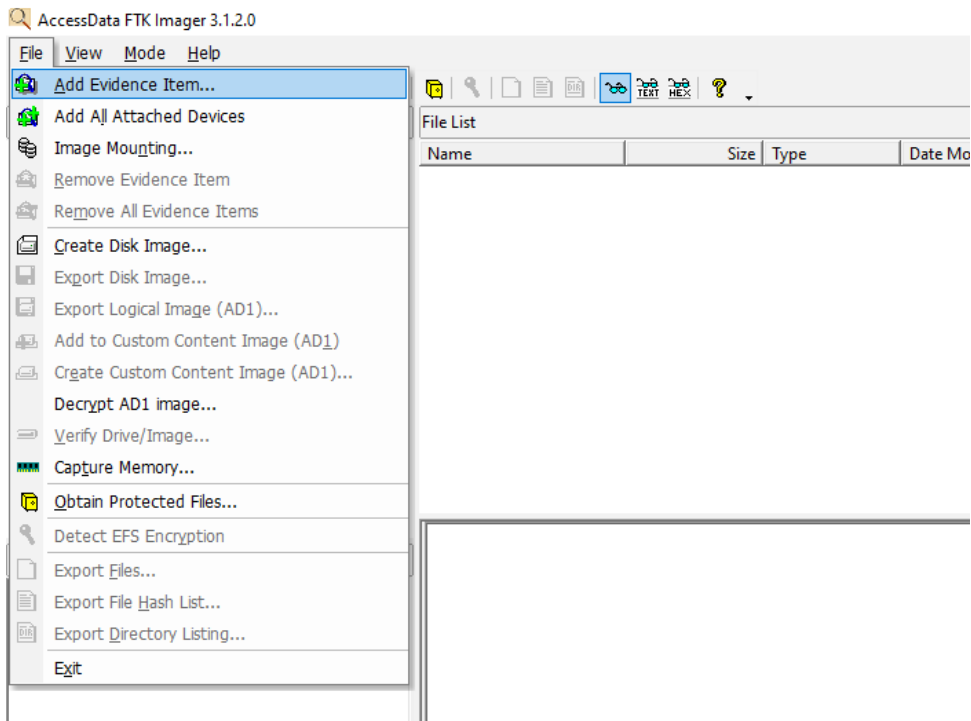
## Analyze Forensic Image:

- Click on Add Evidence Item to add evidence from disk, image file or folder.

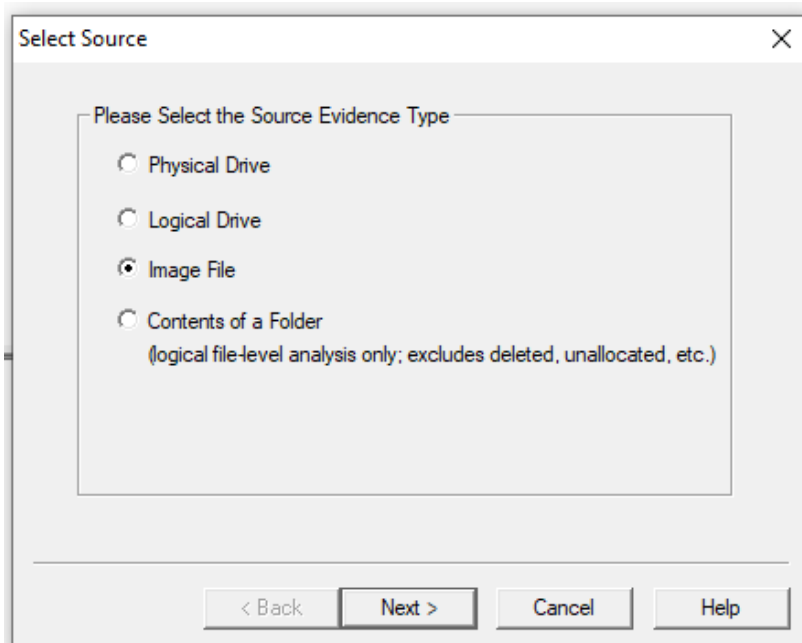


## Analyze Forensic Image:

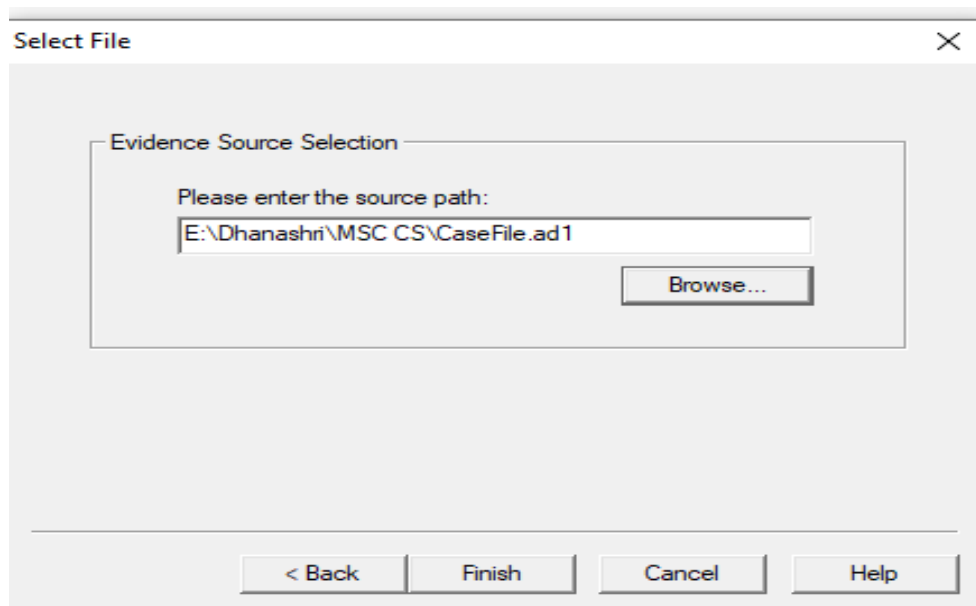
- Click on Add Evidence Item to add evidence from disk, image file or folder.



- Now select the source evidence type as image file.



- Open the created evidence image file



- Now select Evidence Tree and analyze the image file .

AccessData FTK Imager 3.1.2.0

File View Mode Help

Evidence Tree

- CaseFile.ad1
  - E:\Dhanashri\MSC CS [AD1]
    - Github Practicals
    - ml and dl
    - ML and DL CSV Files
    - Pract

File List

Name	Size	Type	Date Modified
ML and DL CSV Files	0	Directory	28/12/2020 10:...
Pract	0	Directory	04/10/2020 6:1...
26_Customer_Segmen...	21	Regular File	26/08/2020 1:1...
26_Customer_Segmen...	106	Regular File	26/08/2020 1:1...
CaseFile.ad1	115	Regular File	29/12/2020 10:...
Case_01.ad1	2,279	Regular File	26/12/2020 7:0...
Case_01.ad1.txt	2	Regular File	26/12/2020 7:0...
Course Certificate Bi...	179	Regular File	22/07/2020 6:3...
Course Certificate D...	164	Regular File	08/07/2020 4:2...
fee receipt.pdf	202	Regular File	04/08/2020 1:3...
form msc cs part 2.pdf	1,359	Regular File	04/08/2020 1:2...
Full Fee Payment MSC...	71	Regular File	04/08/2020 1:2...
hello.txt	1	Regular File	26/12/2020 7:2...
jhunhun_university.p...	177	Regular File	05/07/2019 12:...

Custom Content Sources

Evidence:File System(Path)\File Options

Properties Hex Value Int... Custom Conte...

CaseFile.ad1/E:\Dhanashri\MSC CS [AD1]/26\_Customer\_Segmentation\_Synopsis.docx

NUM