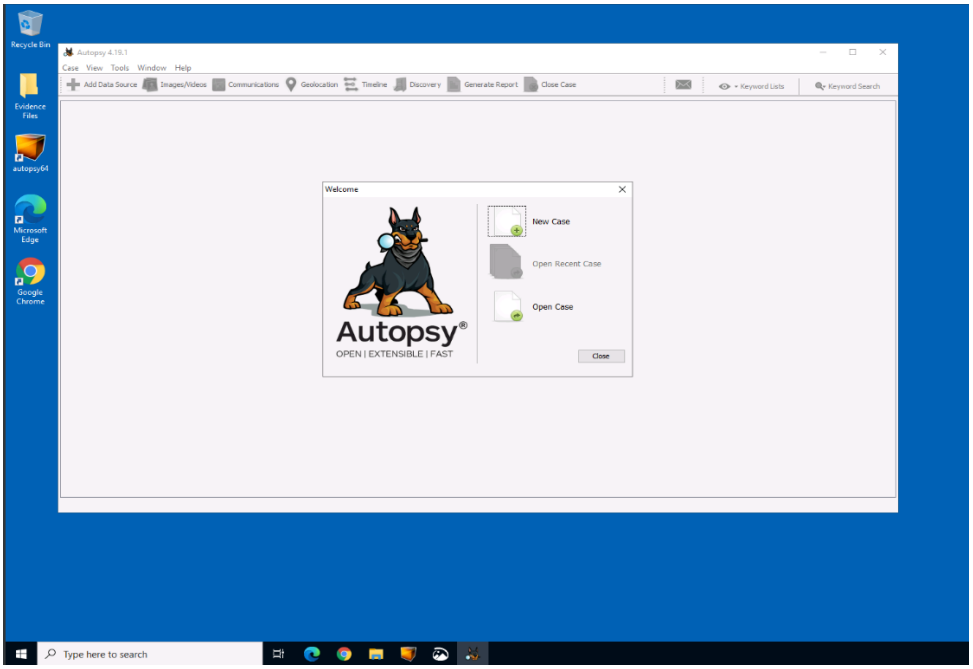
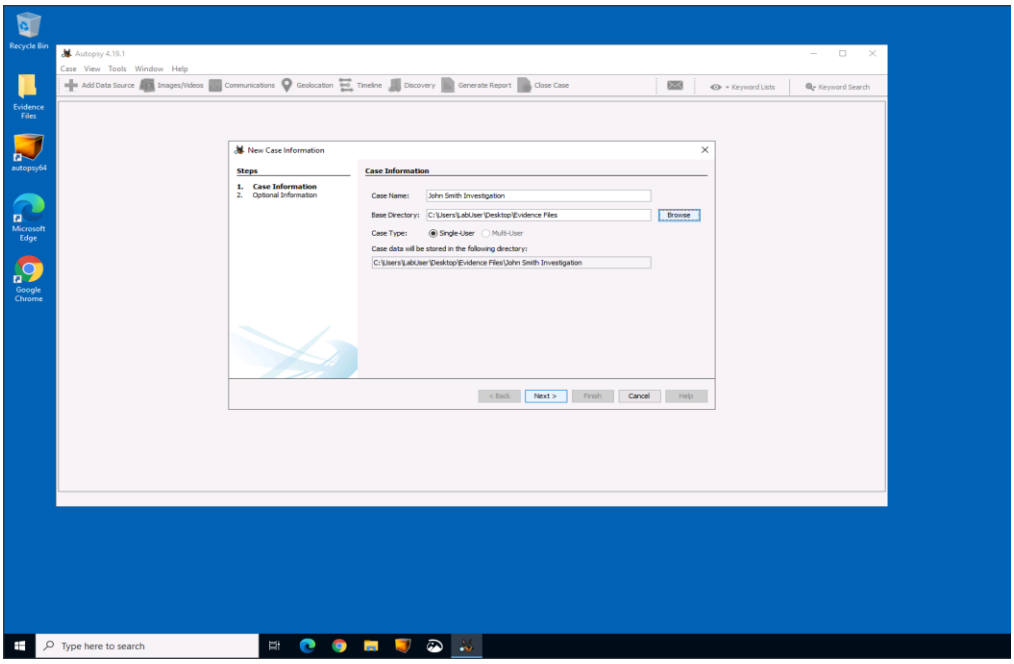
A1) Steps to Create Forensic Case File:

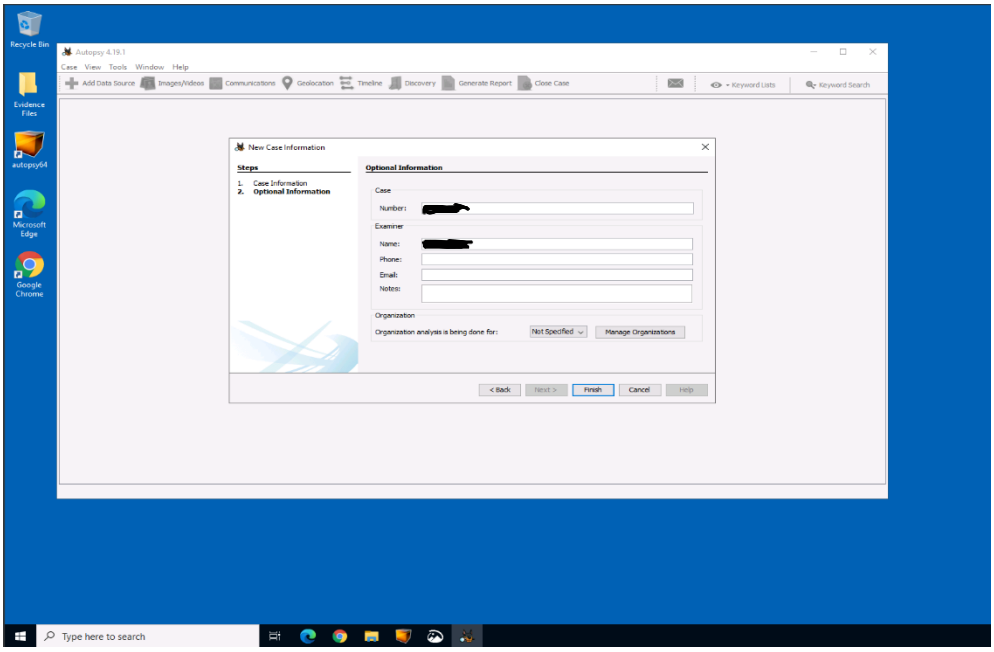
1. Double-click the Autopsy application to open it and then click on ‘New Case’



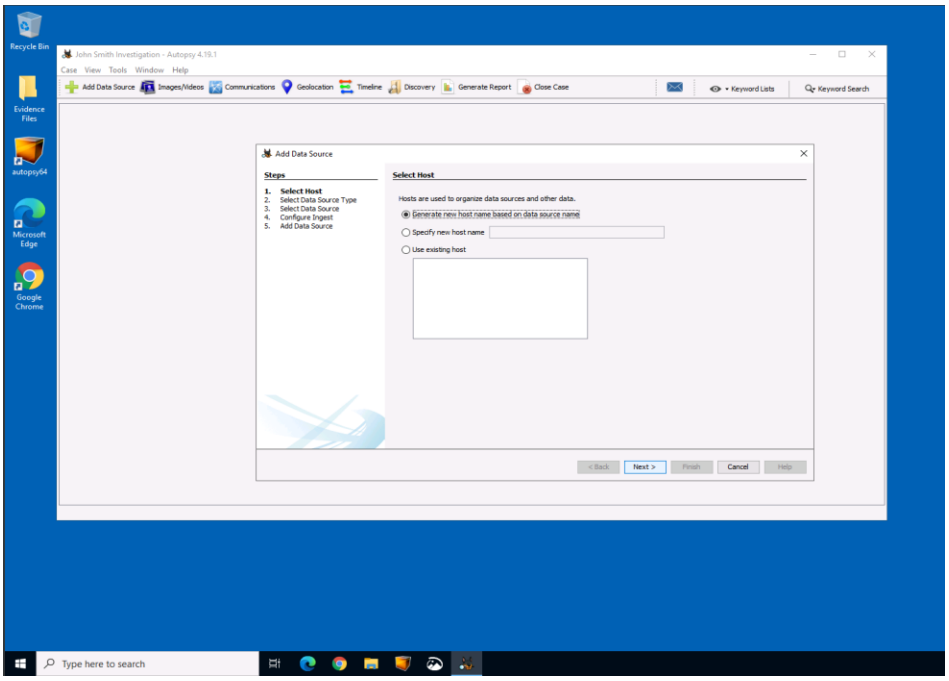
2. In the next window, enter the case name and then select the Base Directory using the browse button. In this case, it was C:\Users\LabUser\Desktop\Evidence Files. Then click on ‘Next’



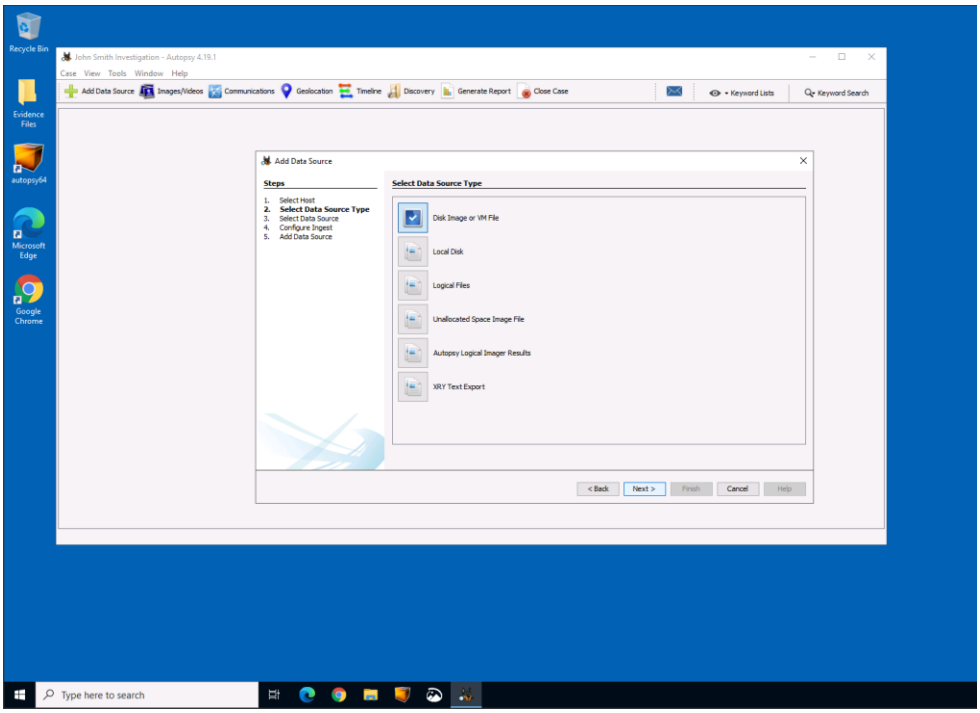
3. Next, fill out the necessary information, including the case number and Examiners information. Click on ‘Finish’.



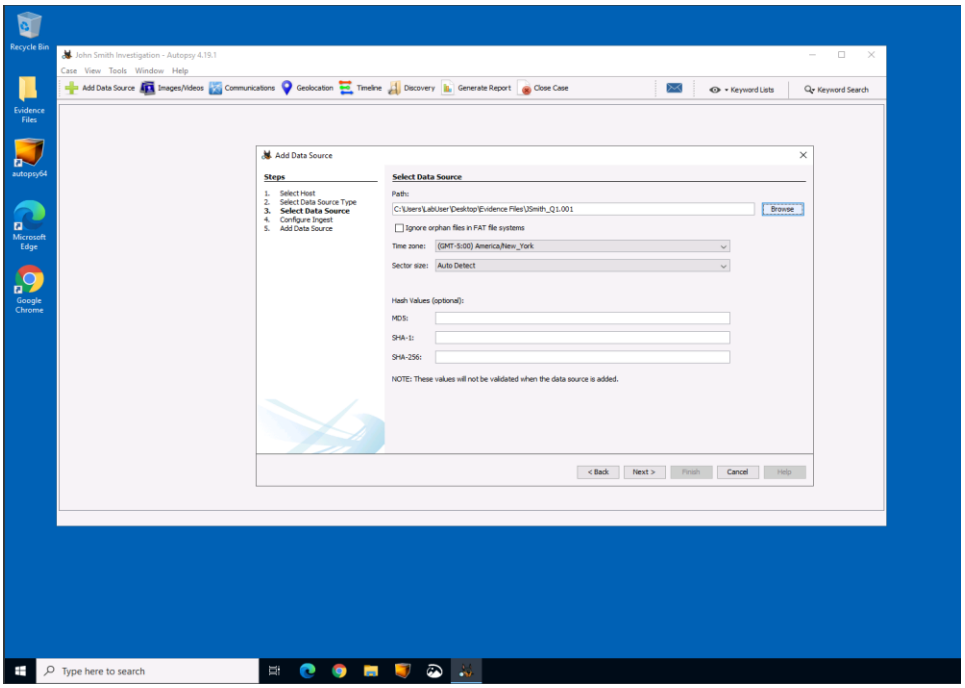
4. An ‘Add Data Source’ window will appear, with the first step being ‘Select Host’. Accept the default settings and click ‘Next’.



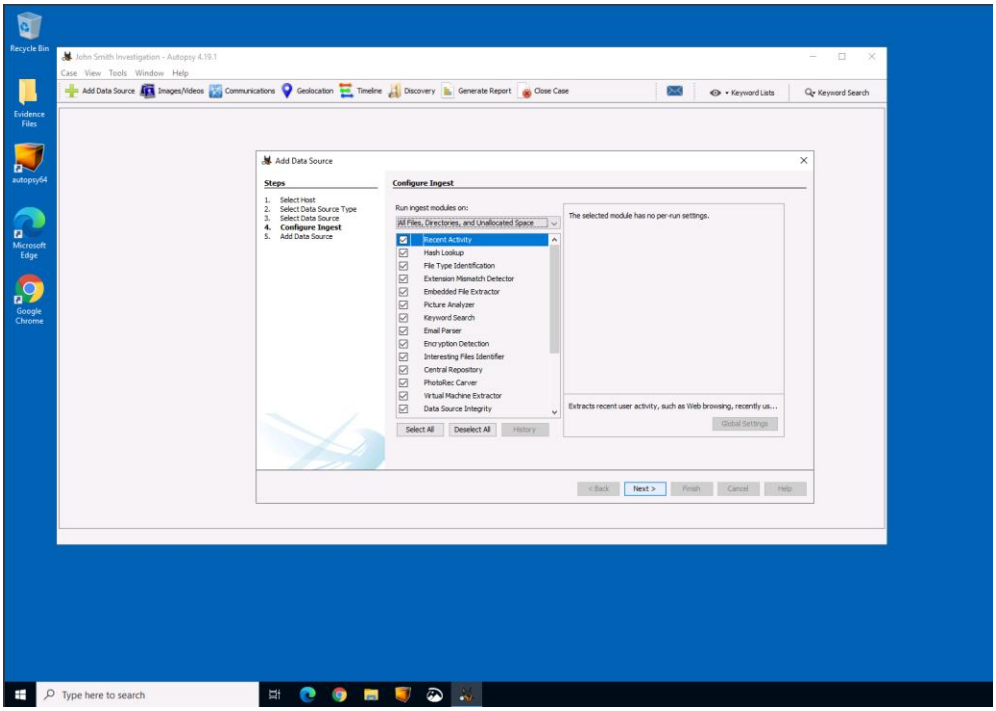
5. The next step is the ‘Data Source Type’; select ‘Disk Image or VM File’ for this instance.



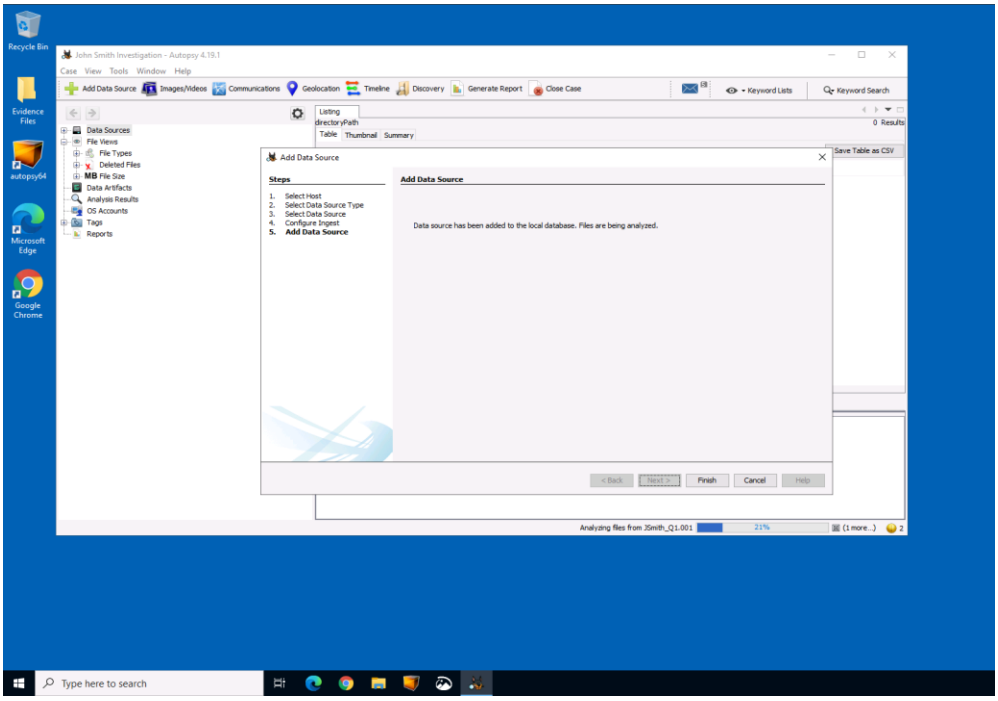
6. ‘Select Data Source’ is the next step; we will browse to C:\Users\LabUser\Desktop\Evidence Files\JSmith_Q1.001, keep the default settings, and proceed.



7. Accept the default settings and click ‘Next’ for the 'Configure Ingest' step.

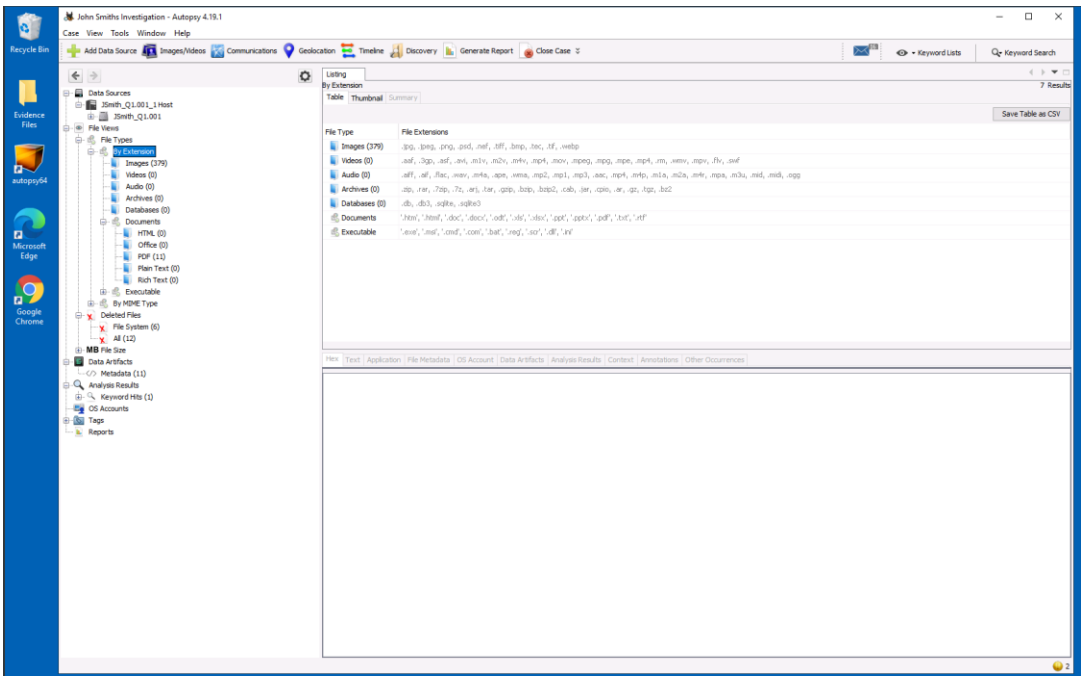


8. On the ‘Add Data Source’ step, you will see a message stating, “Data source has been added to the local database. Files are being analyzed”. Click ‘Finish’

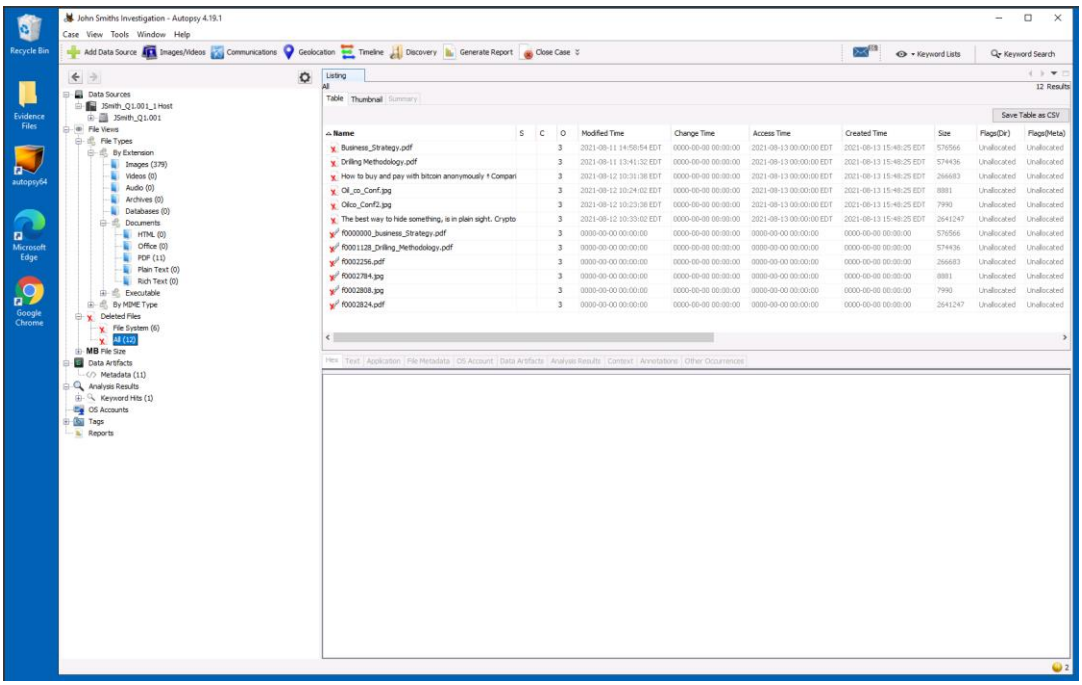


A2) Steps Used to Identify Potential Evidence:

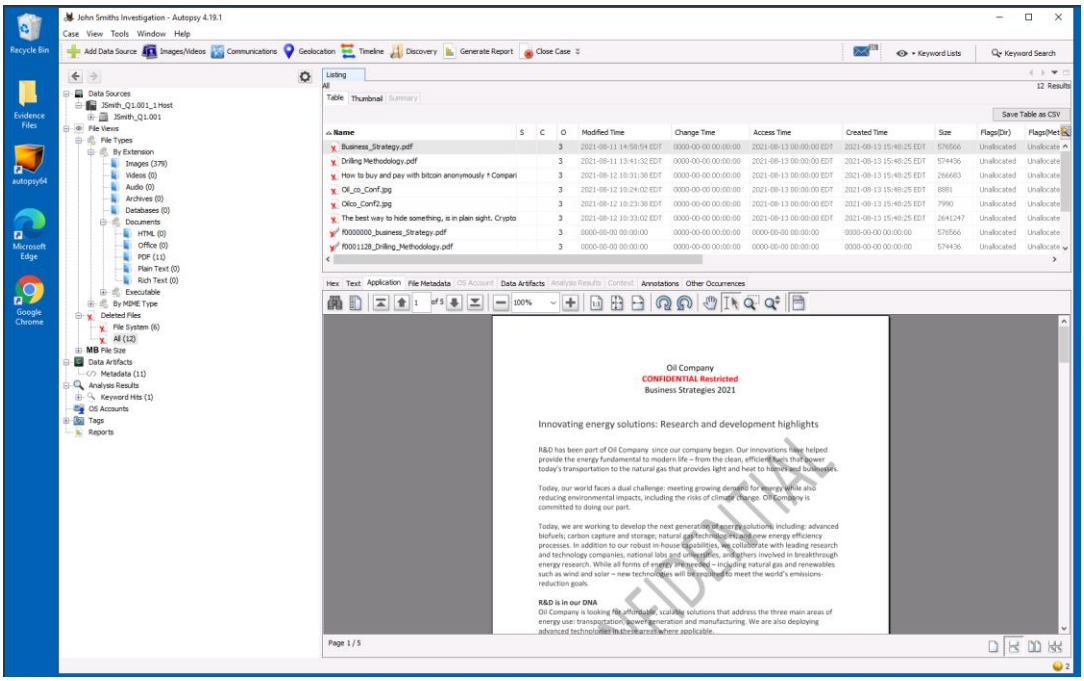
1. Clicking on ‘File Types’ and then expanding the ‘By Extension’ and ‘Documents’ sections reveal which file types are on the device.



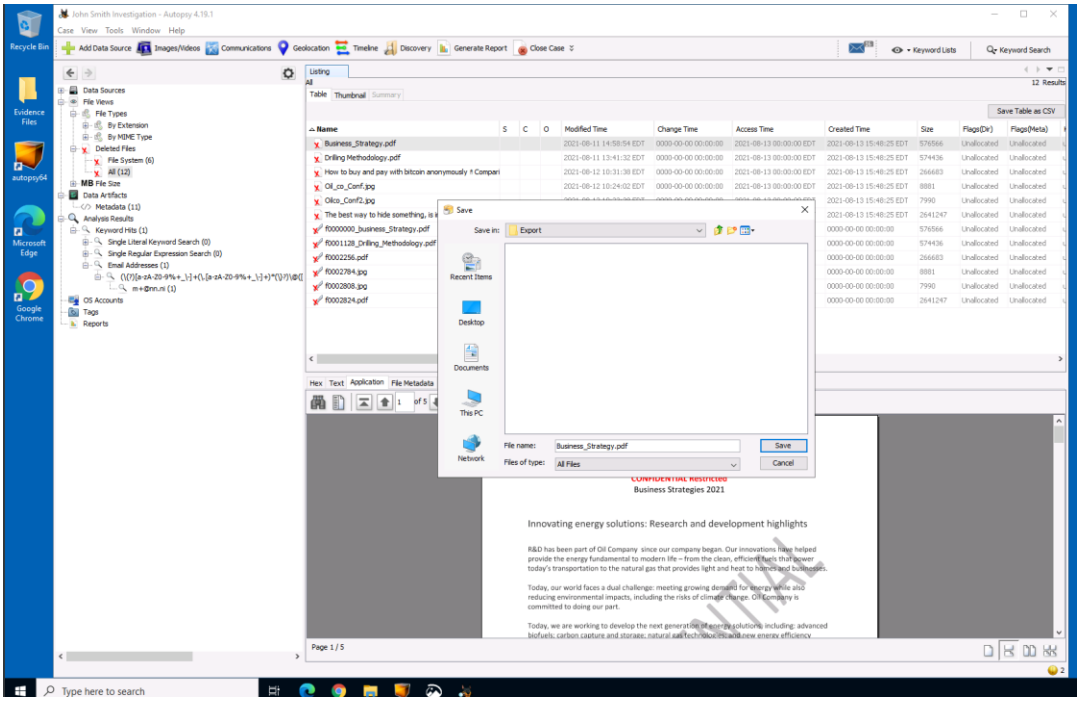
2. Clicking on ‘Deleted Files’ and then on ‘All’ shows the device's deleted and carved files.



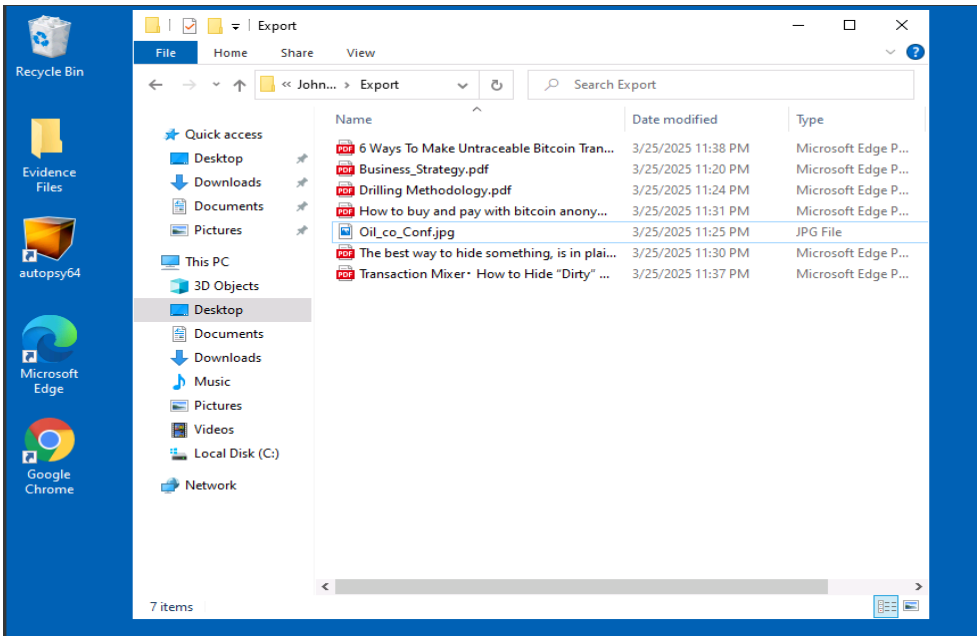
3. Clicking on any files in the ‘Deleted Files’ section will display the file and its contents.



4. Right-click on all files of note and click on ‘Extract File’. This will save it to an ‘Export’ folder for review.

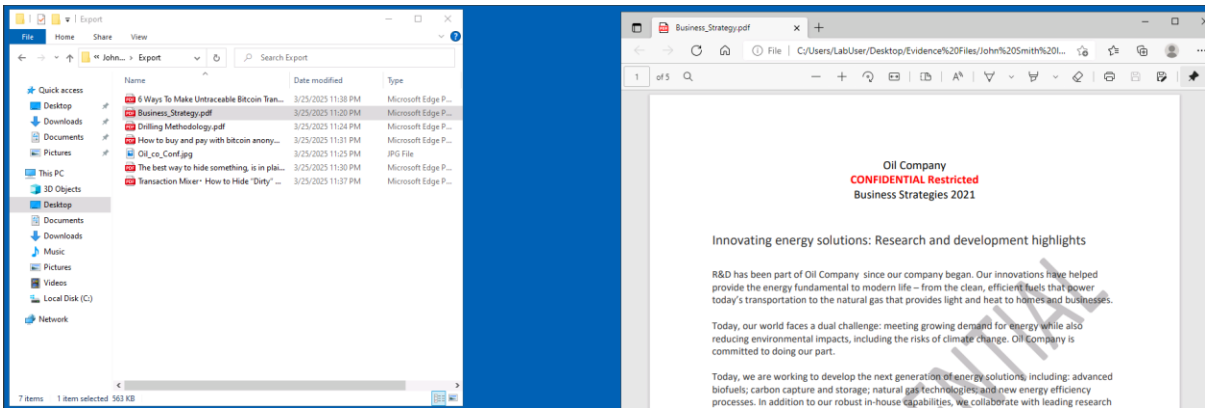


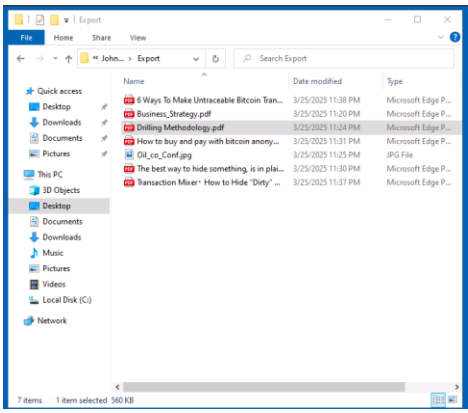
5. Once all files of note are saved into the ‘Export” folder, you will be able to view them outside of Autopsy.



Summary of Findings and Conclusions:

As shown in image 5 from setion A2, the export folder contains a confidentially labeled Business Strategy file, a Drilling Methodology file, and what seems to be a blueprint or patent image named Oil_co_Conf.jpg. Alongside those files are also articles saved as PDF files detailing how to hide cryptocurrency, how to make untraceable transactions, how to purchase cryptocurrency anonymously, and one article describing how a group used ransomware to lock an organization out of their data and paid the ransom, in cryptocurrency, to regain access. This proves that John Smith gained unauthorized access to proprietary information and may have been planning to sell or ransom the information.

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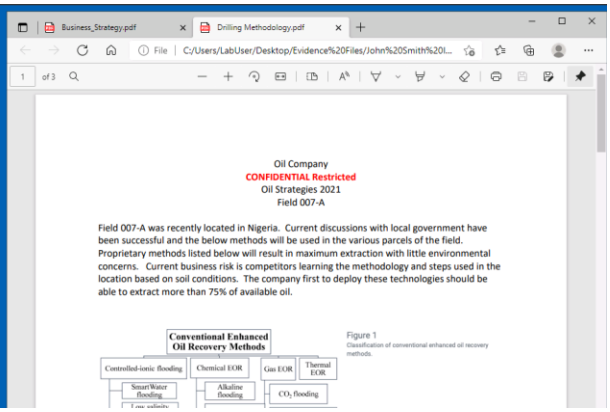
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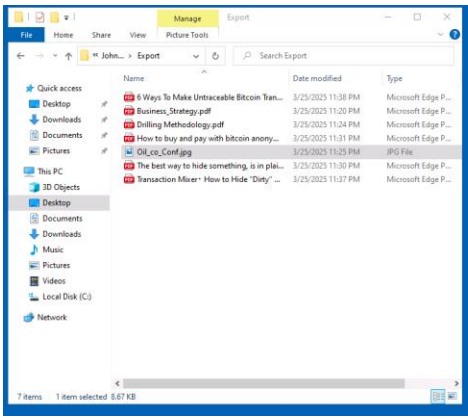
1 of 3
Oil Company
CONFIDENTIAL Restricted
Oil Strategies 2021
Field 007-A
Field 007-A was recently located in Nigeria. Current discussions with local government have been successful and the below methods will be used in the various parcels of the field. Proprietary methods listed below will result in maximum extraction with little environmental concerns. Current business risk is competitors learning the methodology and steps used in the location based on soil conditions. The company first to deploy these technologies should be able to extract more than 75% of available oil.
Conventional Enhanced Oil Recovery Methods
Controlled-ionic flooding
Chemical EOR
Gas EOR
Thermal EOR
SmartWater flooding
Alkaline flooding
CO_2 flooding
Figure 1
Classification of conventional enhanced oil recovery methods.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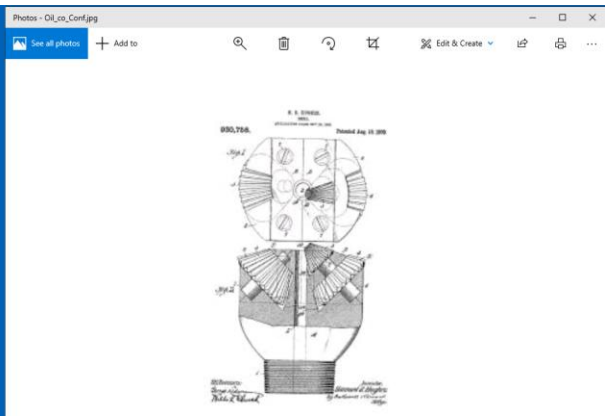
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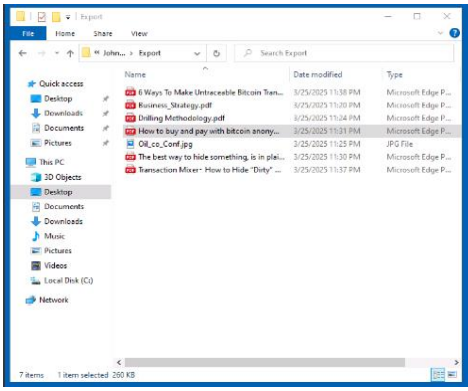
Patented July 13, 1909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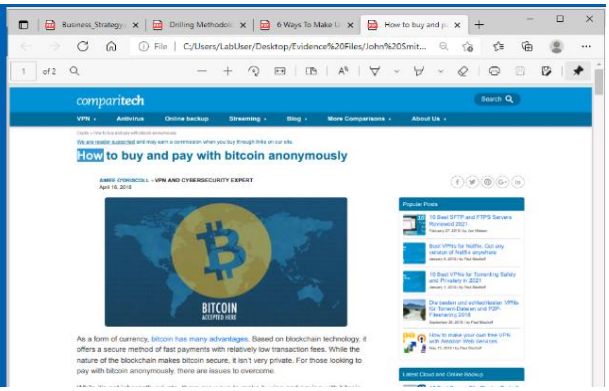
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How to buy and pay with bitcoin anonymously
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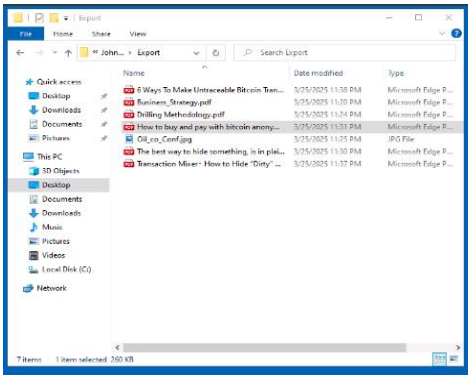
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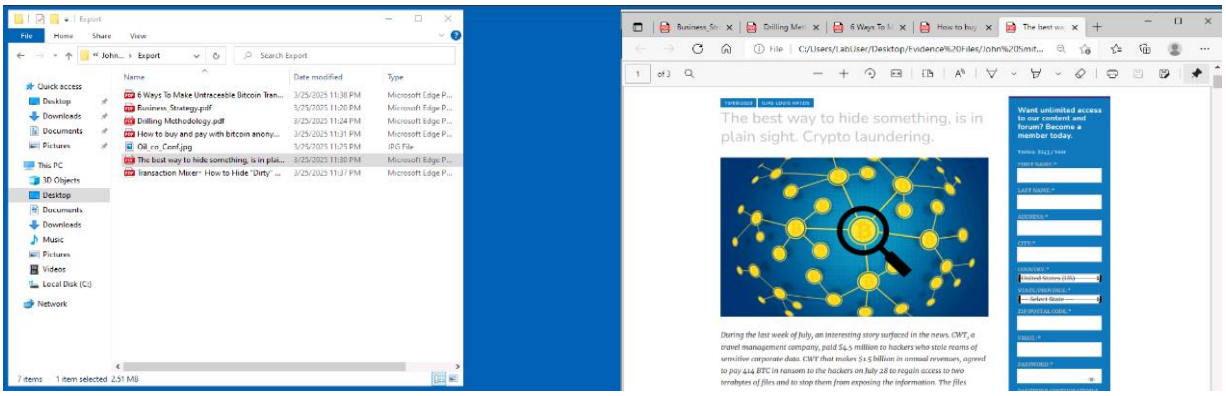
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1 of 3
The best way to hide something, is in plain sight. Crypto laundering.
During the last week of July, an interesting story surfaced in the news. CWT, a travel management company, paid $4.5 million to hackers who stole reams of sensitive corporate data. CWT that makes $1.5 billion in annual revenues, agreed to pay 414 BTC in ransom to the hackers on July 28 to regain access to two terabytes of files and to stop them from exposing the information. The files
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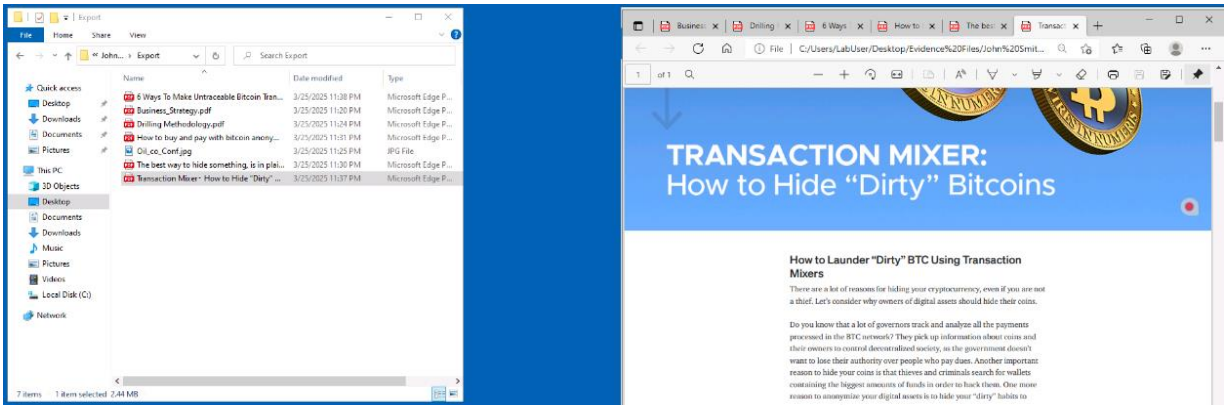
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TRANSACTION MIXER:
How to Hide "Dirty" Bitcoins
How to Launder "Dirty" BTC Using Transaction Mixers
There are a lot of reasons for hiding your cryptocurrency, even if you are not a thief. Let's consider why owners of digital assets should hide their coins.
Do you know that a lot of governors track and analyze all the payments processed in the BTC network? They pick up information about coins and their owners to control decentralized society, as the government doesn't want to lose their authority over people who pay dues. Another important reason to hide your coins is that thieves and criminals search for wallets containing the biggest amounts of funds in order to hack them. One more reason to anonymize your digital assets is to hide your "dirty" habits to