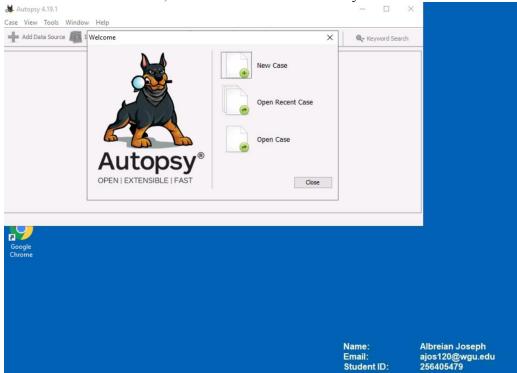
Albreian R. Joseph

Digital Forensics

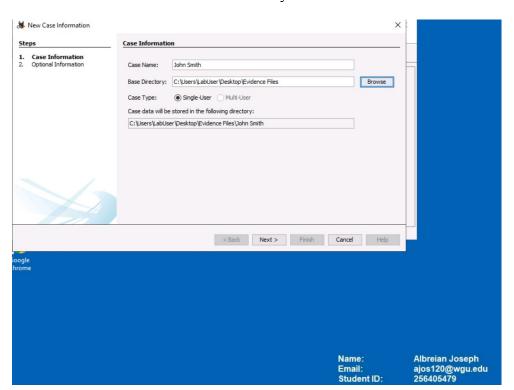
Student ID: 2589656

I. Describe all steps taken in Autopsy to create the forensic system case file:

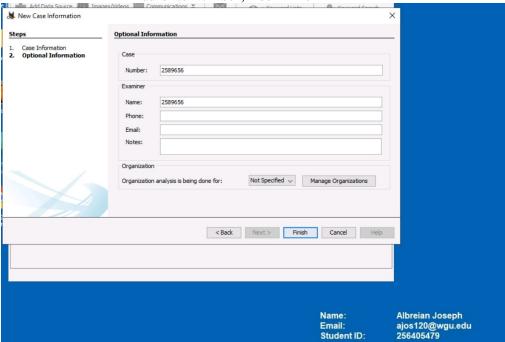
• First, I will create a new case study.



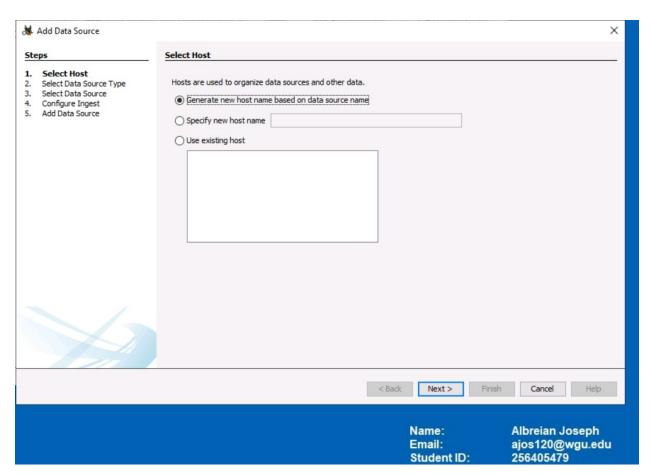
• Enter a Base Directory use the browse button:



Add Case Number, Add Name



Select Host:



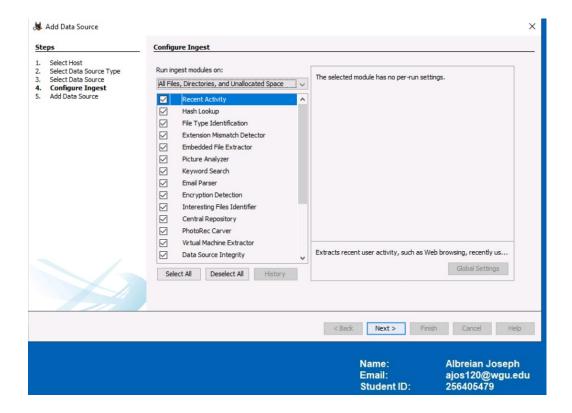
Select the data source type: Add Data Source Steps Select Data Source Type Select Host
Select Data Source Type
Select Data Source
Configure Ingest
Add Data Source Disk Image or VM File Local Disk Logical Files Unallocated Space Image File Autopsy Logical Imager Results XRY Text Export < Back Next > Finish Cancel Help Name: Albreian Joseph Email: ajos120@wgu.edu 256405479 Student ID: Select **Data Source path**: 😹 Add Data Source Select Data Source Select Host
Select Data Source Type
Select Data Source
Configure Ingest
Add Data Source C:\Users\LabUser\Desktop\Evidence Files\JSmith_Q1.001 Browse Time zone: (GMT-5:00) America/New_York Sector size: Auto Detect MD5: SHA-1: SHA-256:

• Configure Ingest:

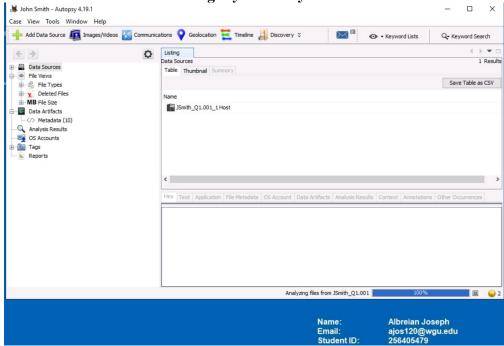
NOTE: These values will not be validated when the data source is added.

< Back Next > Finish Cancel Help

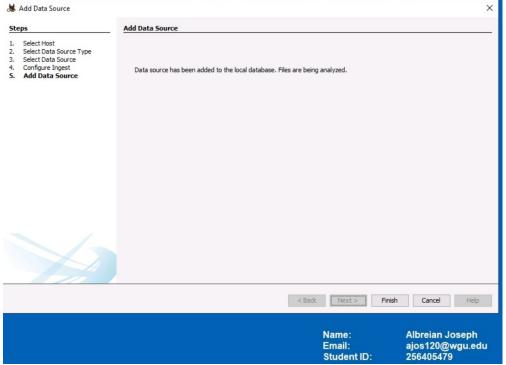
Name: Email: Albreian Joseph ajos120@wgu.edu 256405479



• Time to begin your analysis:

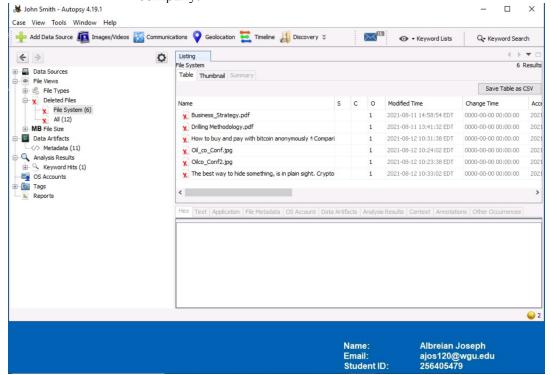


• Add Data Source:

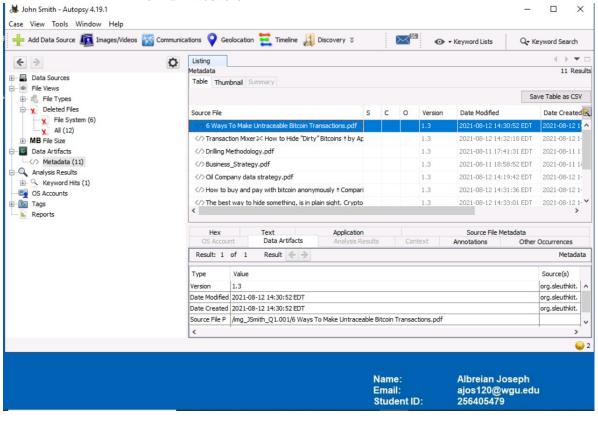


II. Describe all steps taken in Autopsy to identify potential evidence:

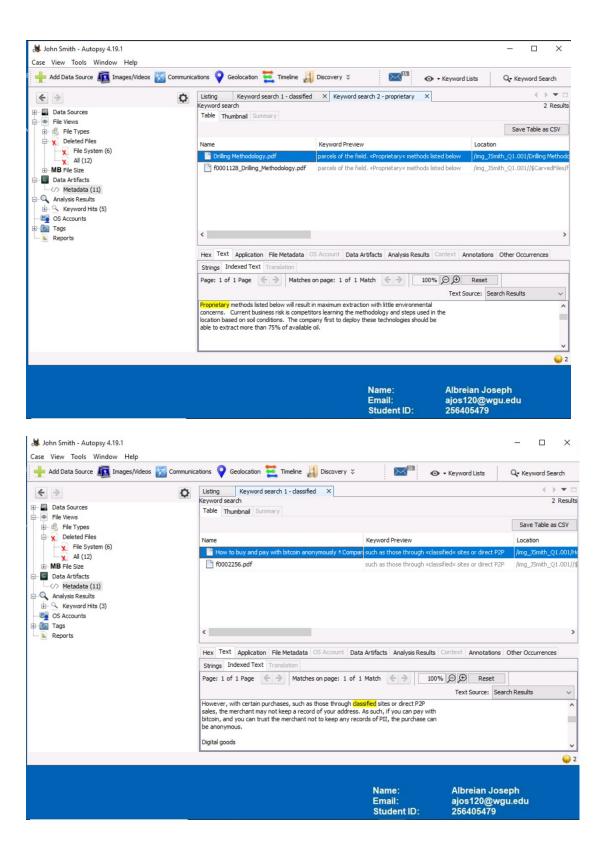
• Looking through the deleted, unallocated files there were listings about bitcoin, hiding something in plain sight, and classified information about the company.



• In metadata a source file was found on how to hide "dirty" bitcoin and make them untraceable



• When searching "Proprietary" and "Classified" the files below display:



III. Summarize the findings you identified during your investigation and the conclusions you made regarding the suspect and the collected evidence:

After conducting the investigation on the storage file Jsmith_Q1.001it is clear that John was accessing proprietary information that was not in his job description and did not have authorization to access. On his devices were sources named Business strategies, Drilling methodologies, and oil_co_config.jpg files and images. In his deleted files I discovered john attempting to figure out how to "hide something in plain sight, as well as to buy and pay with bitcoin anonymously. In his metadata file sources was an application source of how to hide "dirty" bitcoin. The imagines and evidence provided proves that John Smith was accessing source files that were not in his "need to know" status; there for John violated the companies' policies.

