

Conducting Forensic Investigations on Mobile Devices (4e)

Digital Forensics, Investigation, and Response, Fourth Edition - Lab 08

Student:

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Email:

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Time on Task:

8 hours, 34 minutes

Progress:

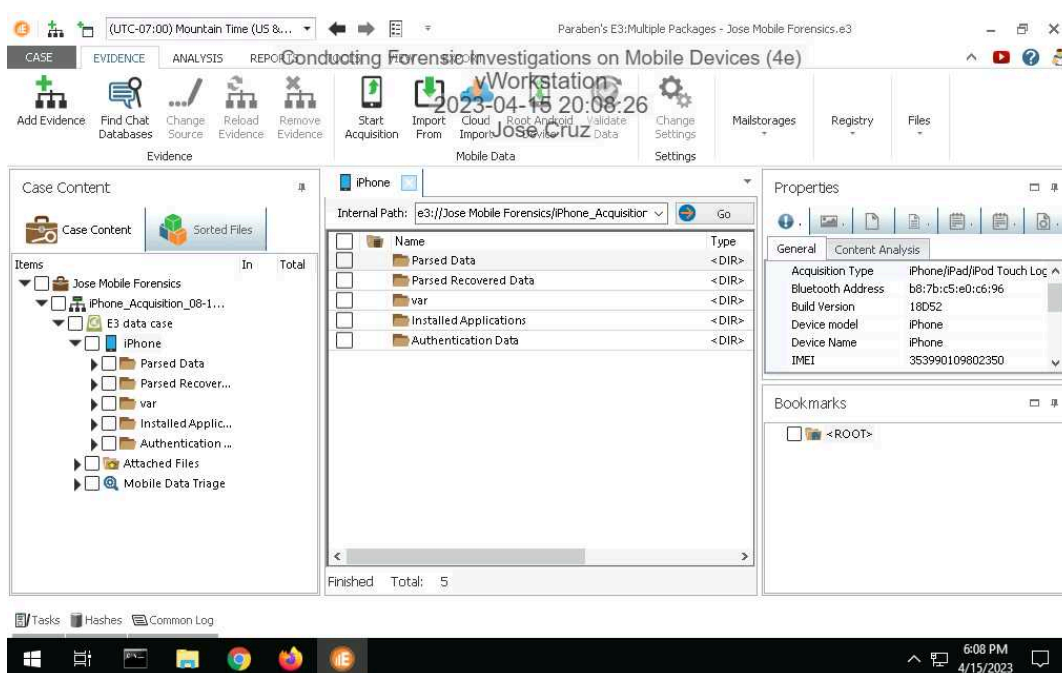
100%

Report Generated: Saturday, April 15, 2023 at 10:21 PM

Section 1: Hands-On Demonstration

Part 1: Identify Forensic Evidence in an iOS Data Case

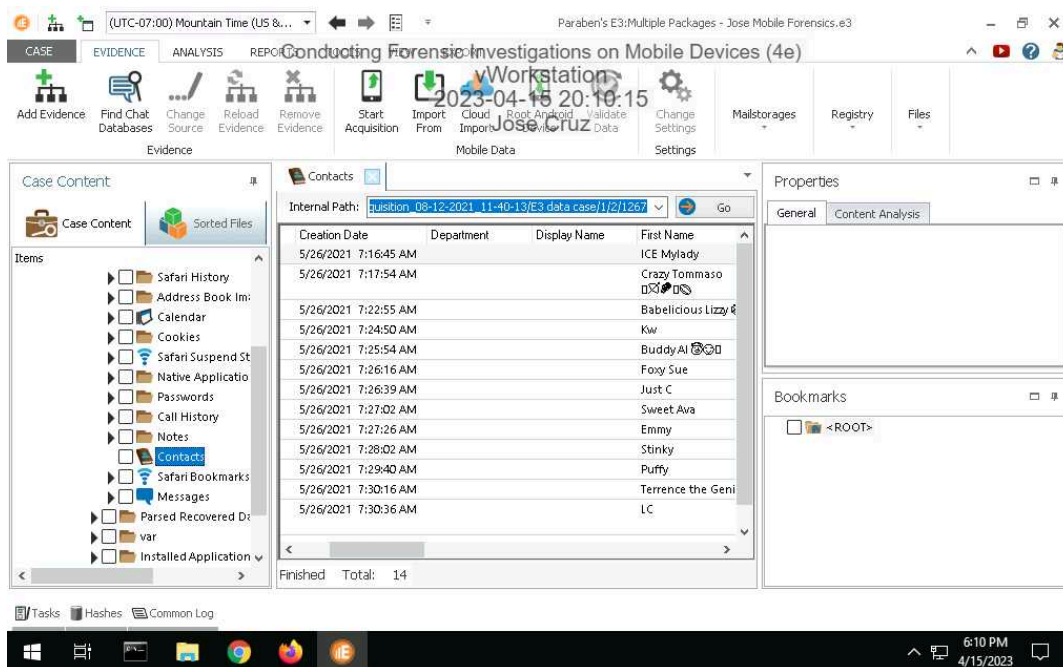
8. Make a screen capture showing the contents of the Properties pane.



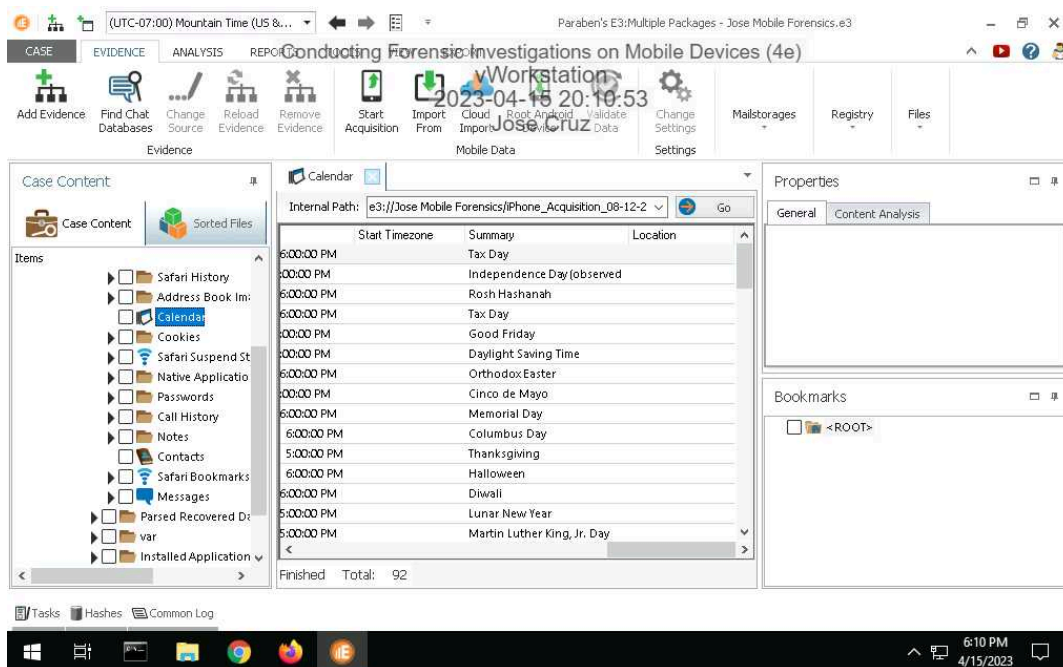
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11. Make a screen capture showing the contents of the Contacts grid.



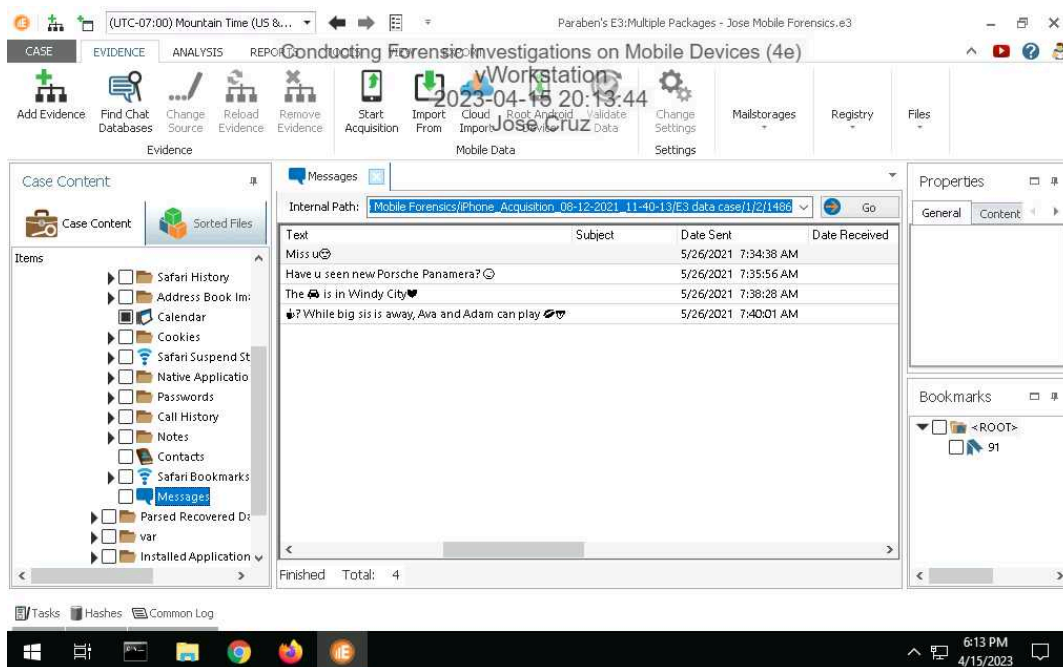
14. Make a screen capture showing the contents of the Calendar grid.



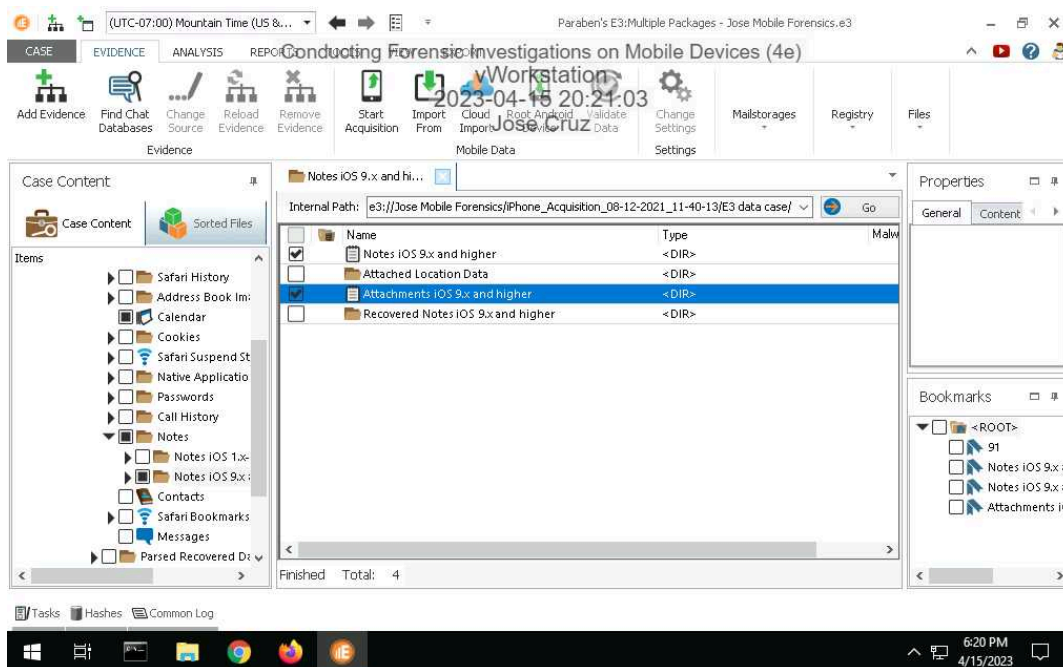
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20. Make a screen capture showing the contents of the Messages grid.



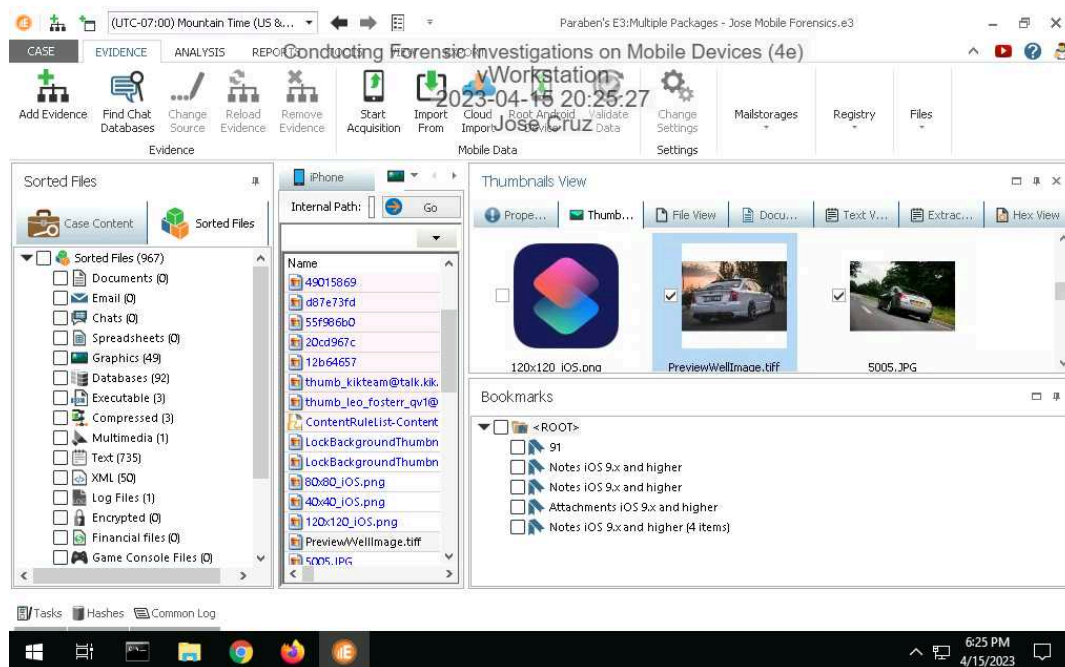
24. Make a screen capture showing the contents of the Notes grid.



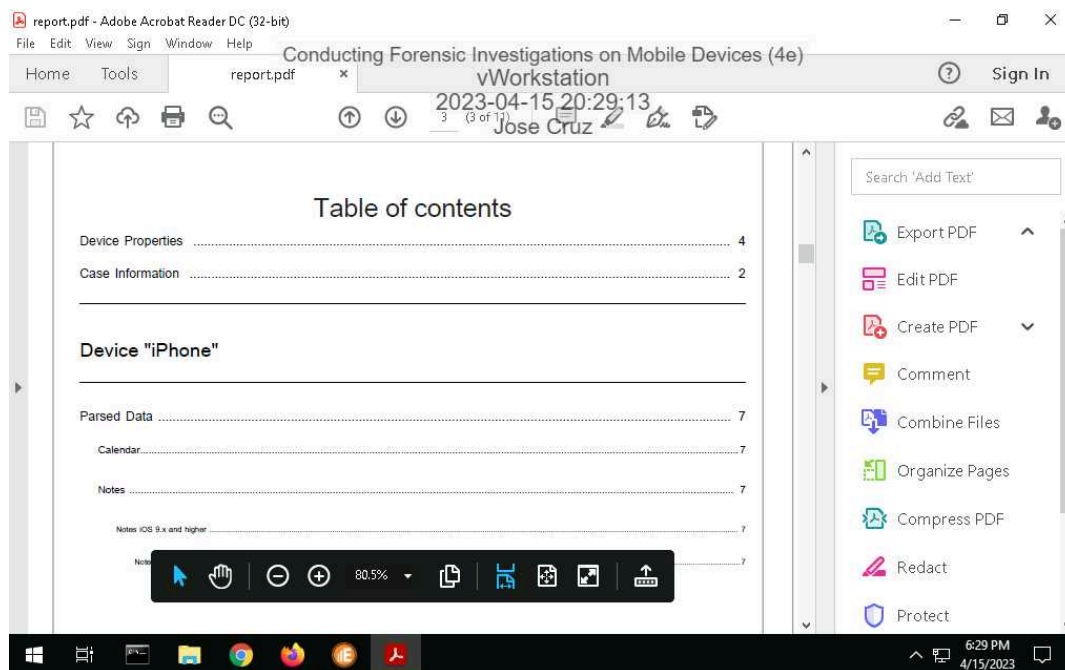
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34. Make a screen capture showing at least two car pictures in the Thumbnail View.



44. Make a screen capture showing the Table of contents in the investigative report.

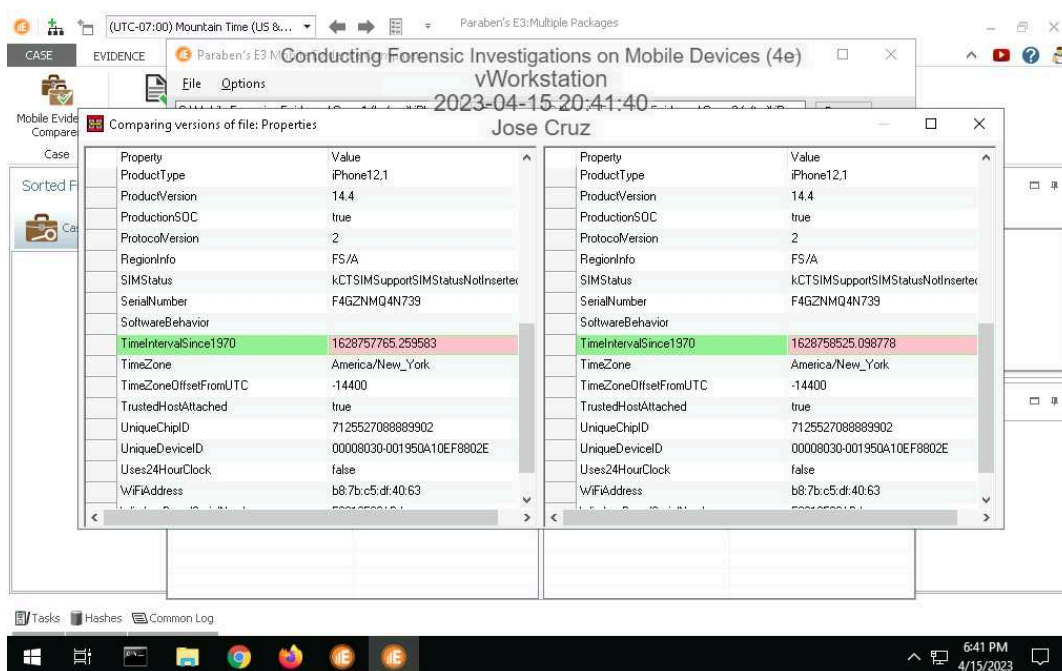


Part 2: Compare iOS Data Cases

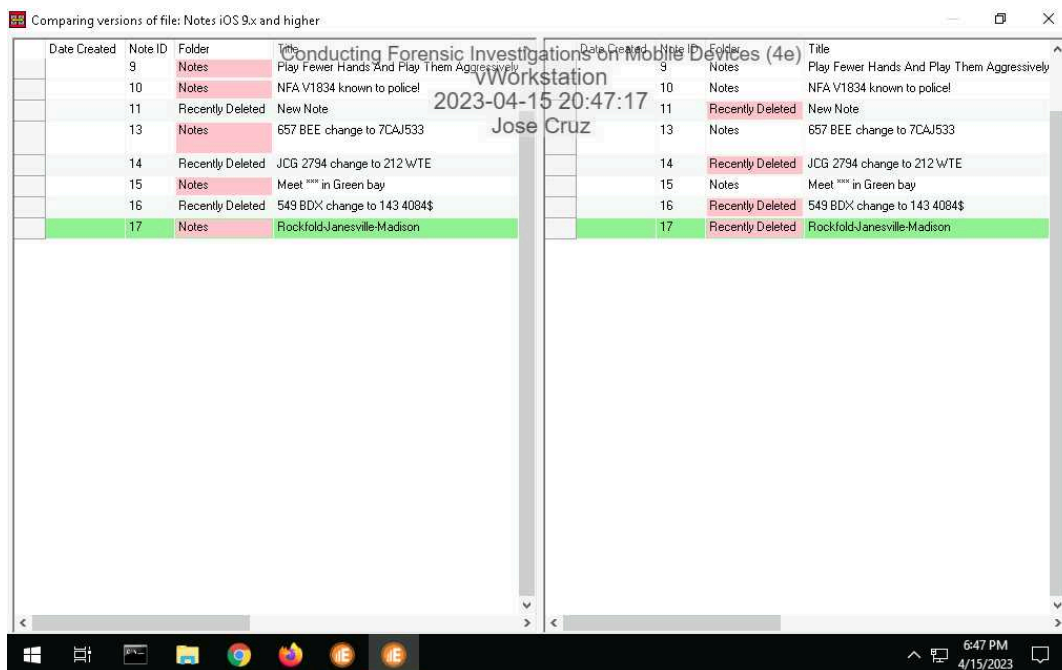
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10. Make a screen capture showing the difference in data case properties.



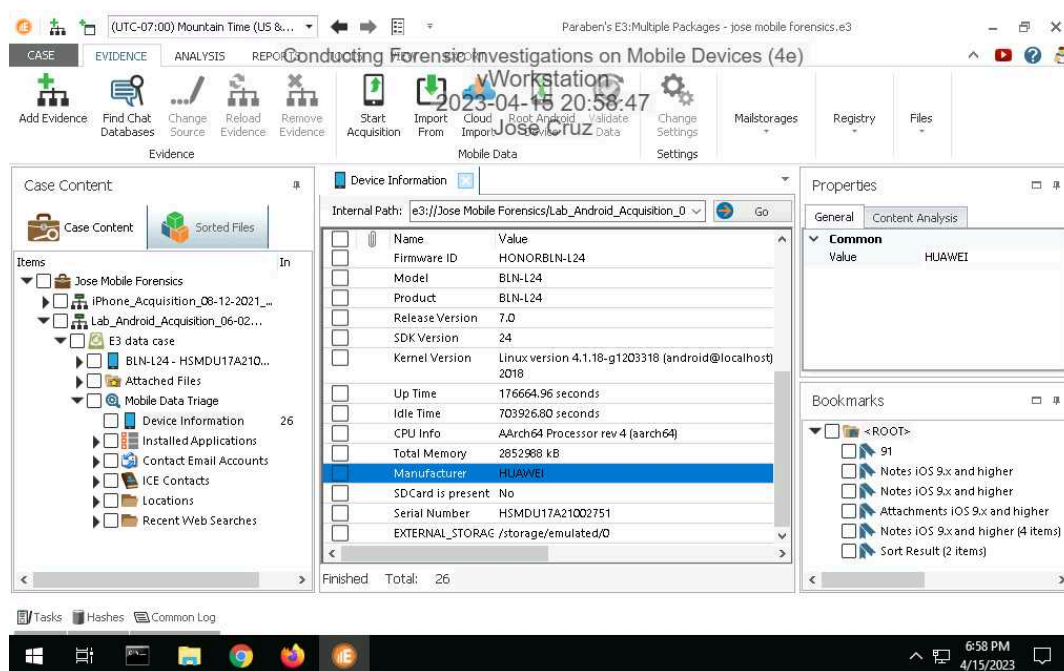
15. Make a screen capture showing the additional note in the newer data case.



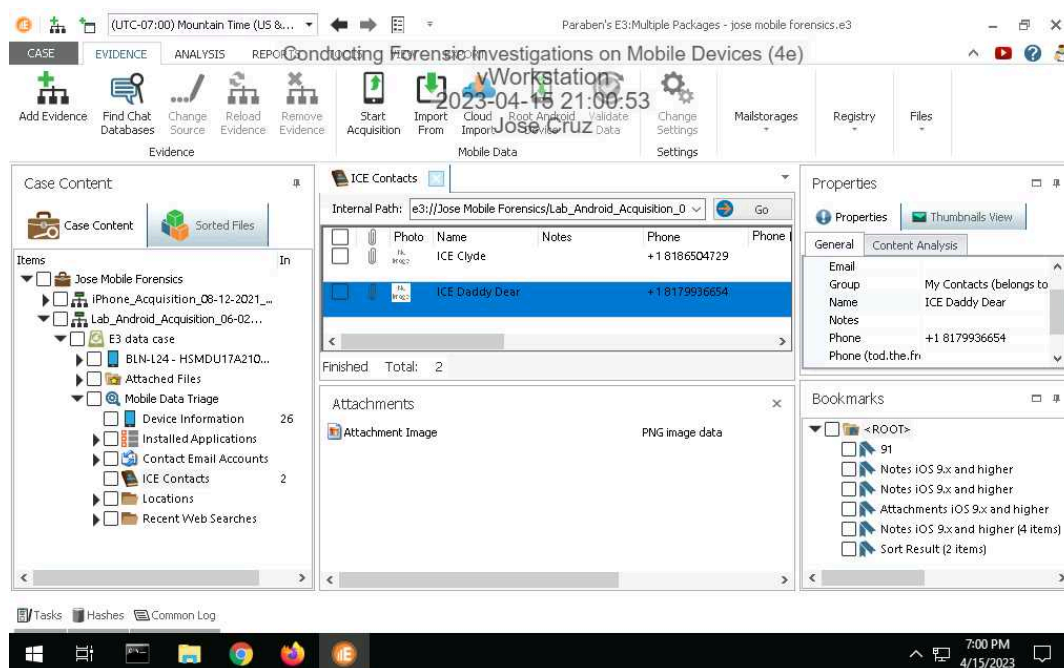
Section 2: Applied Learning

Part 1: Identify Forensic Evidence in Android User Data

7. Make a screen capture showing the Device Information.



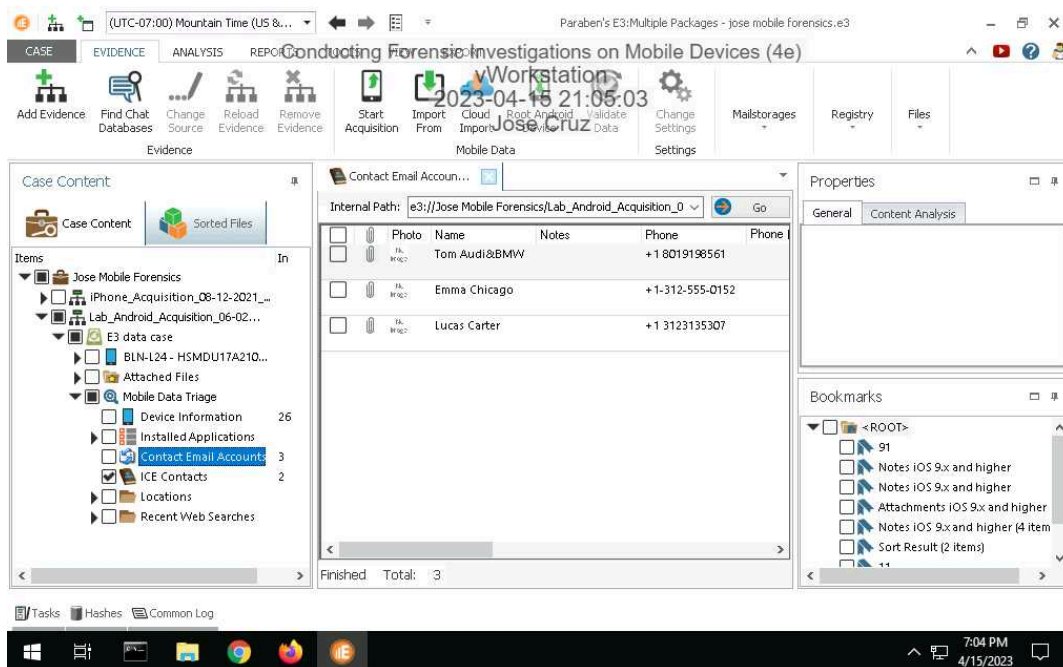
9. Make a screen capture showing the ICE Contacts.



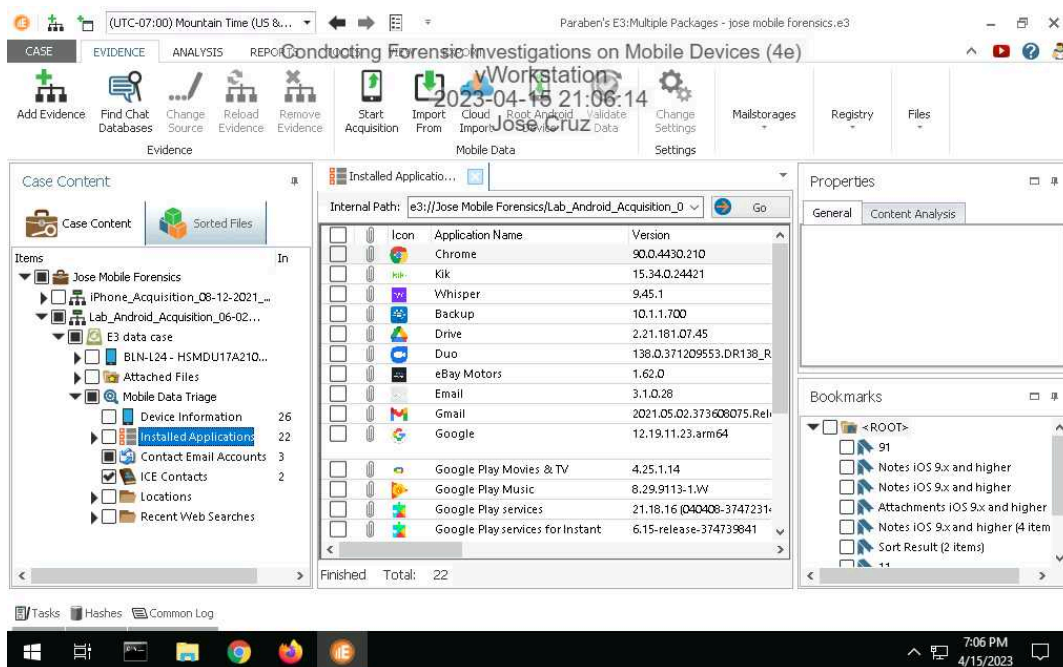
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12. Make a screen capture showing the Contact Email Accounts.



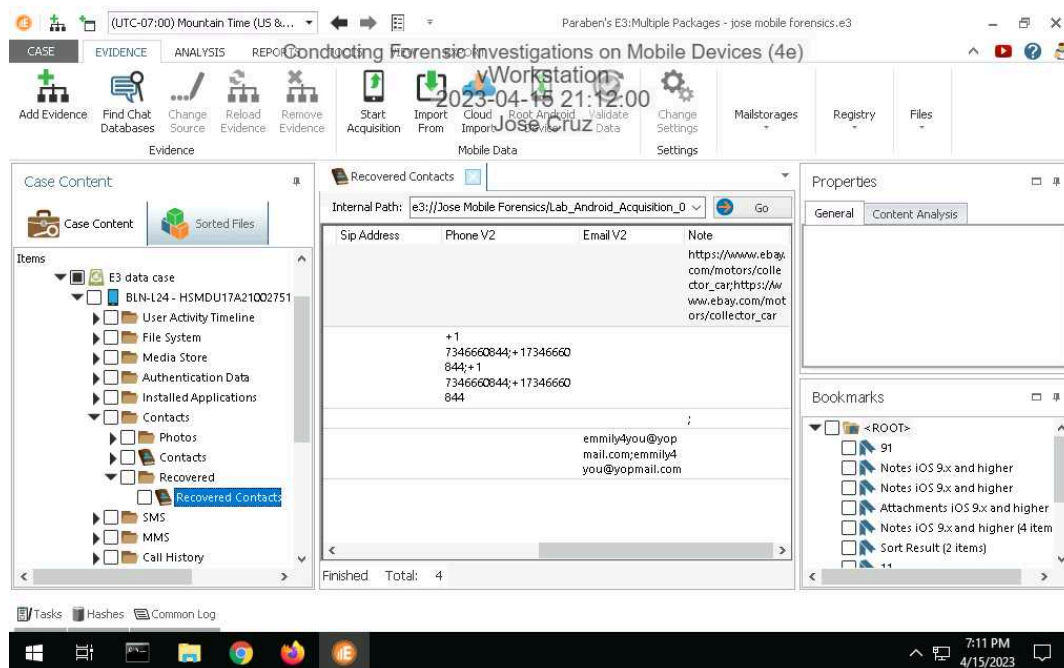
15. Make a screen capture showing the Installed Applications.



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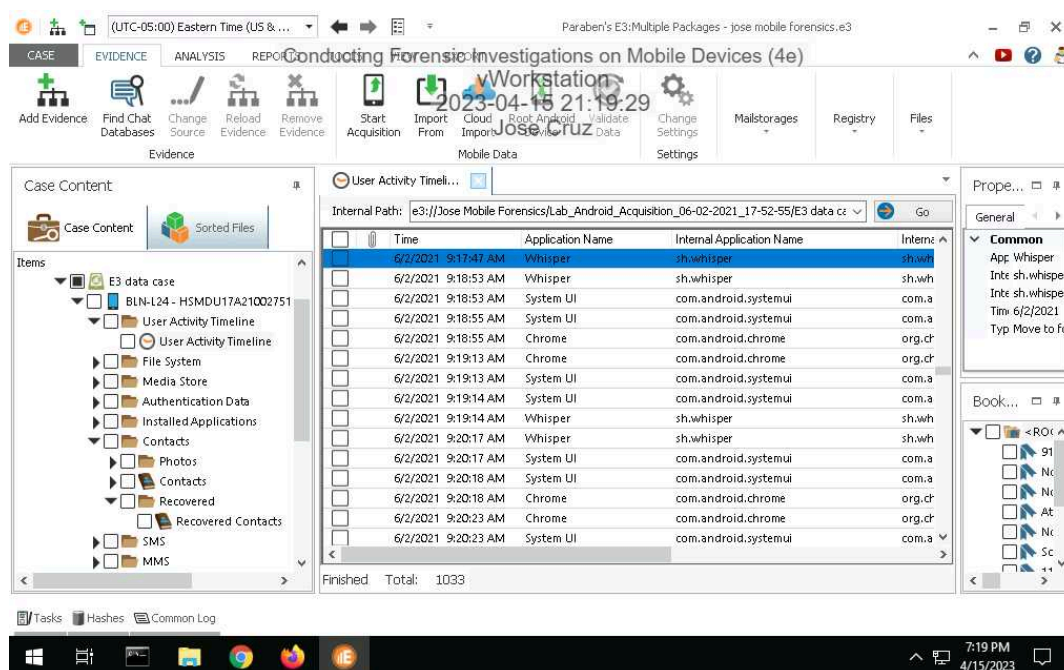
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19. Make a screen capture showing the recovered contact information from the Android phone.



Part 2: Identify Forensic Evidence in Android Application Data

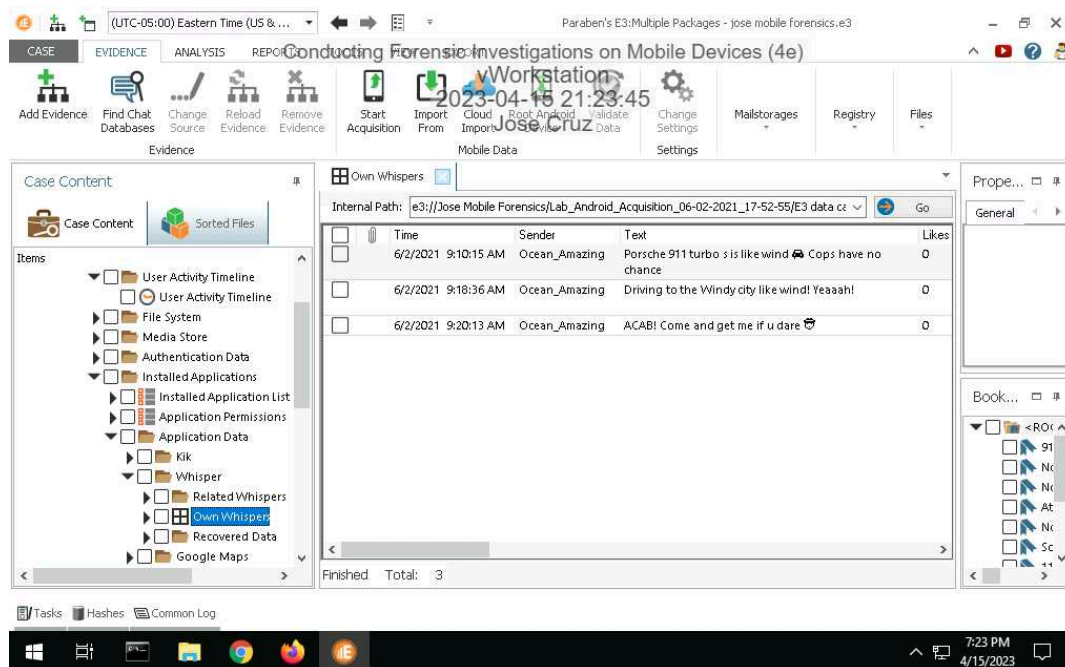
4. Make a screen capture showing the User Activity Timeline between 9:17:47 AM and 9:24:51 AM on 6/2/2021.



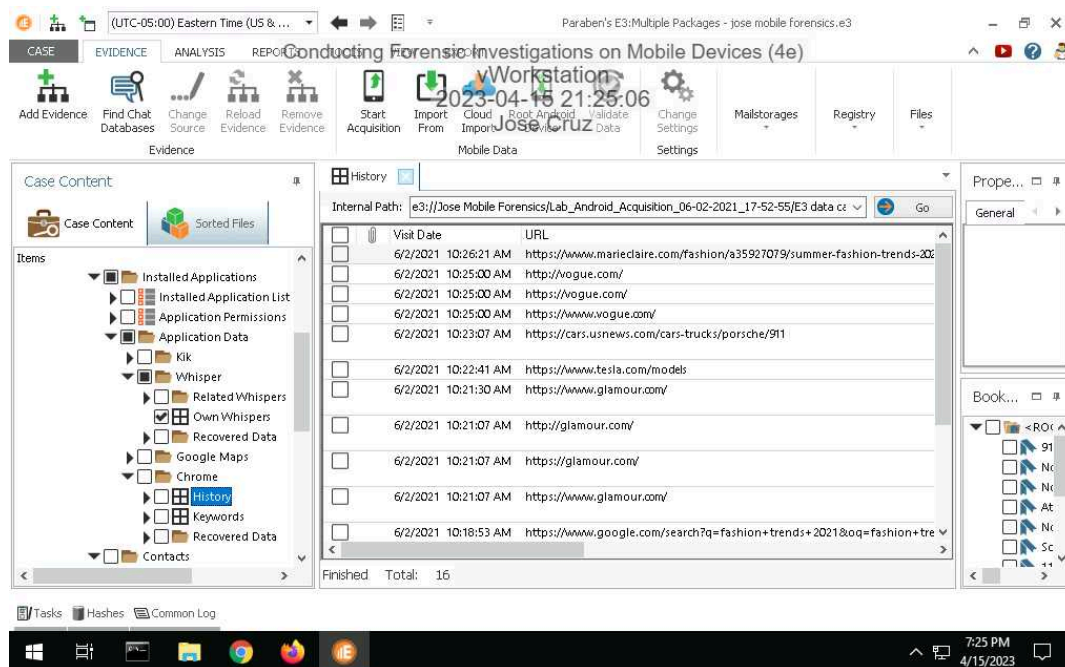
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7. Make a screen capture showing the contents of the Own Whispers grid.



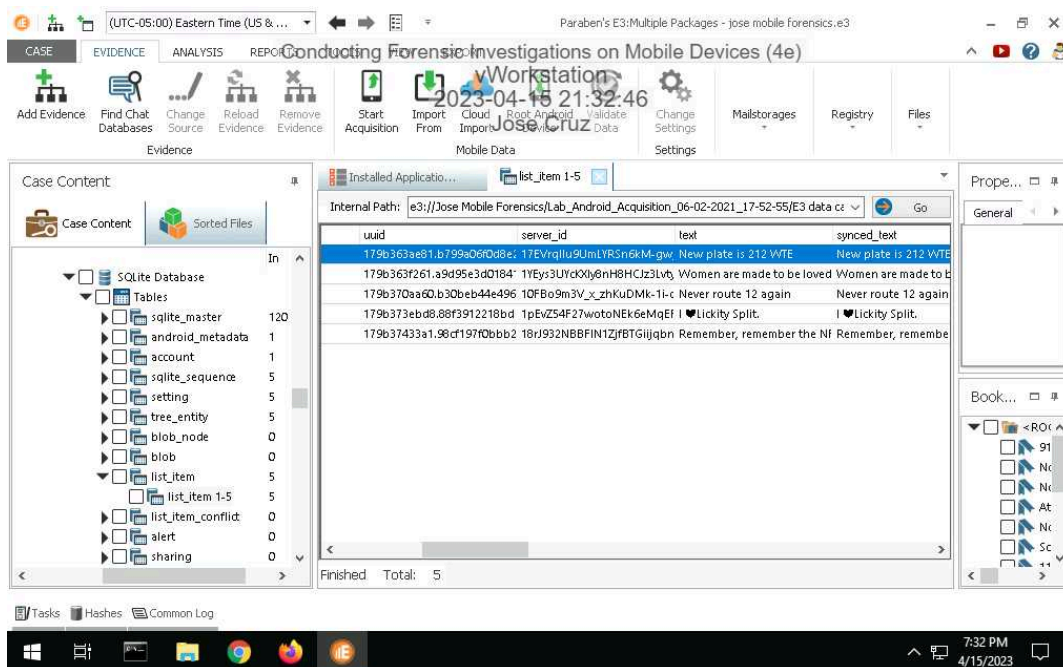
10. Make a screen capture showing the contents of the History grid.



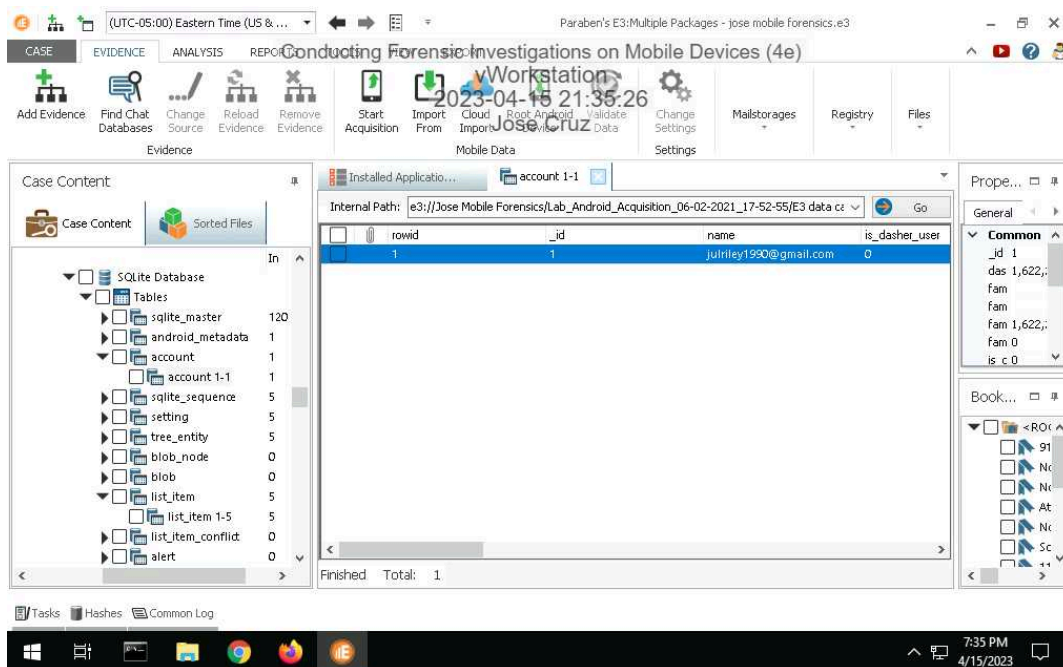
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17. Make a screen capture showing the contents of the list_item 1-5 table.



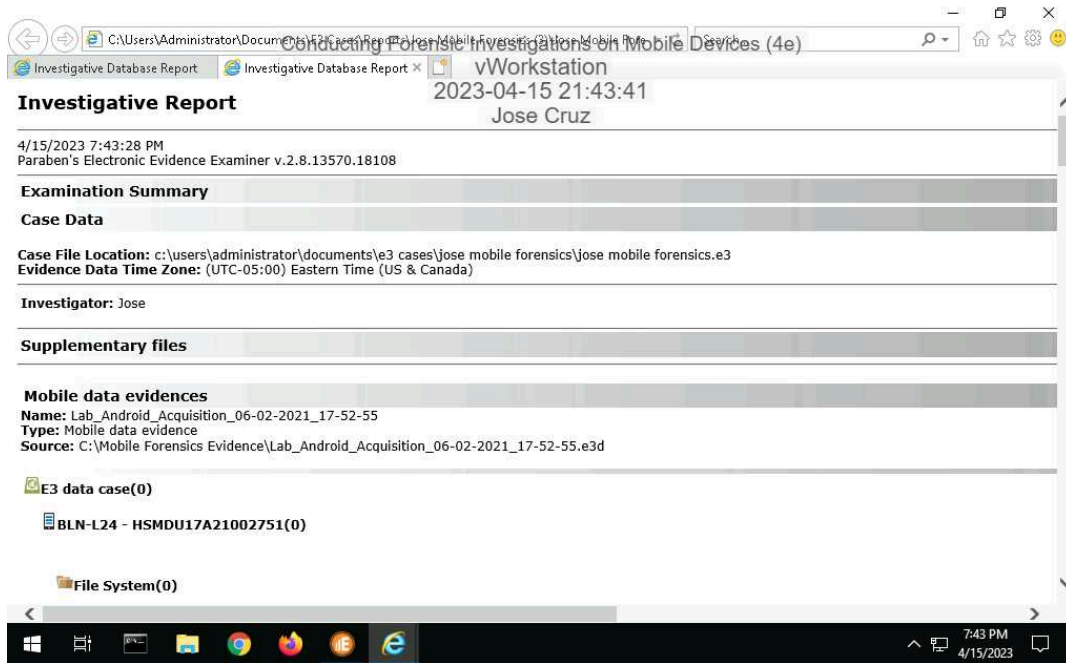
20. Make a screen capture showing the Keep Notes account owner.



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23. Make a screen capture showing the Investigative Report's Table of Contents.



Section 3: Challenge and Analysis

Part 1: Research Report Writing for Digital Forensics

Prepare a brief summary of the appropriate structure and best practices for preparing a digital forensics report.

1. On April 15, 2023, a report has come to a conclusion that Beverly has been working with a Russian criminal organization. Company contacted my office in regard to imaging an iPhone and android that had been recovered. Company has requested a forensic examination to see if Beverly has been involved in any crime. Company boss is requesting documents, is requesting a full forensic examination, report for possible criminal charges and civil litigation.

Findings and Report (Forensic Analysis)

After completing the forensic acquisition of the suspicious criminal act of hr. I began analyzing the forensic image of the iPhone and Android cellphone with a Forensic Tool. I used the following tool for forensic analysis, which are licensed to this examiner:

Electronic Evidence Examiner

Conclusion:

I have attached a pdf file with multiple findings that incriminate Beverly on criminal act from selling stolen cars and substances.

Part 2: Draft a Forensic Report

Case Summary

From examining the iPhone and Android phone there is concrete evidence that Beverly has been working with the Russian mafia doing criminal acts

Findings and Analysis

The finding is from contacts, emails, deleted content and much more that Beverly has a big timeline doing crime.

Conclusion

My final conclusion is that Beverly has been doing a stream of crime and the evidence is present in a PDF file. In addition, we can proceed to arrest her with all the data collected.