Student:	Email:
Samman Chouhan	schouhan1@hawk.iit.edu

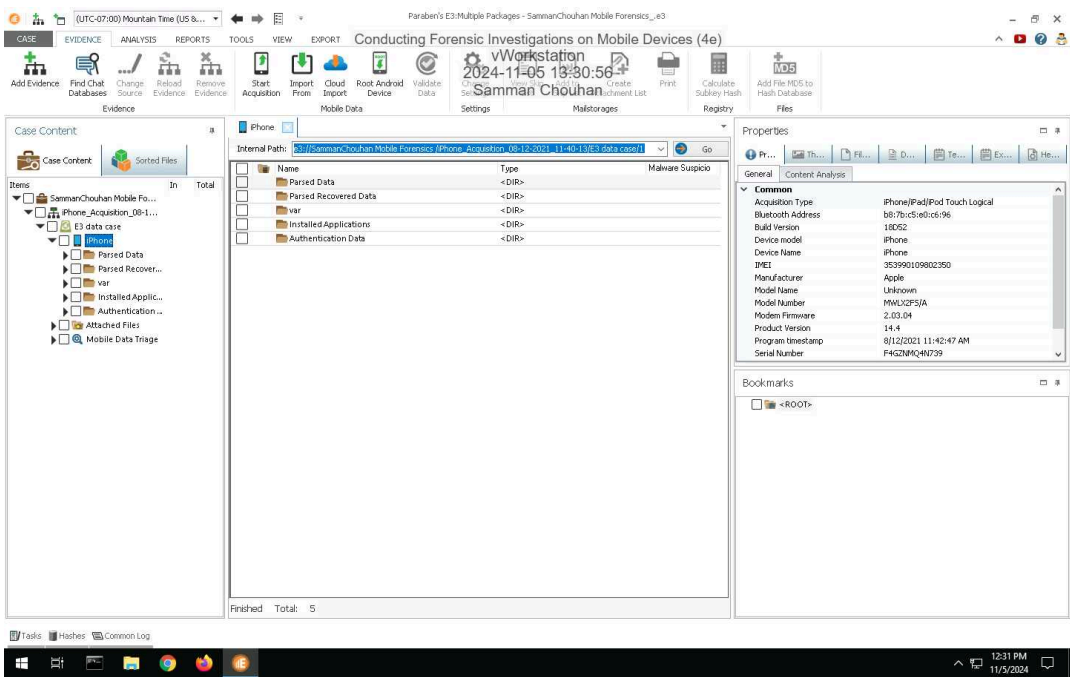| Time on Task:	Progress:
4 hours, 41 minutes	100%

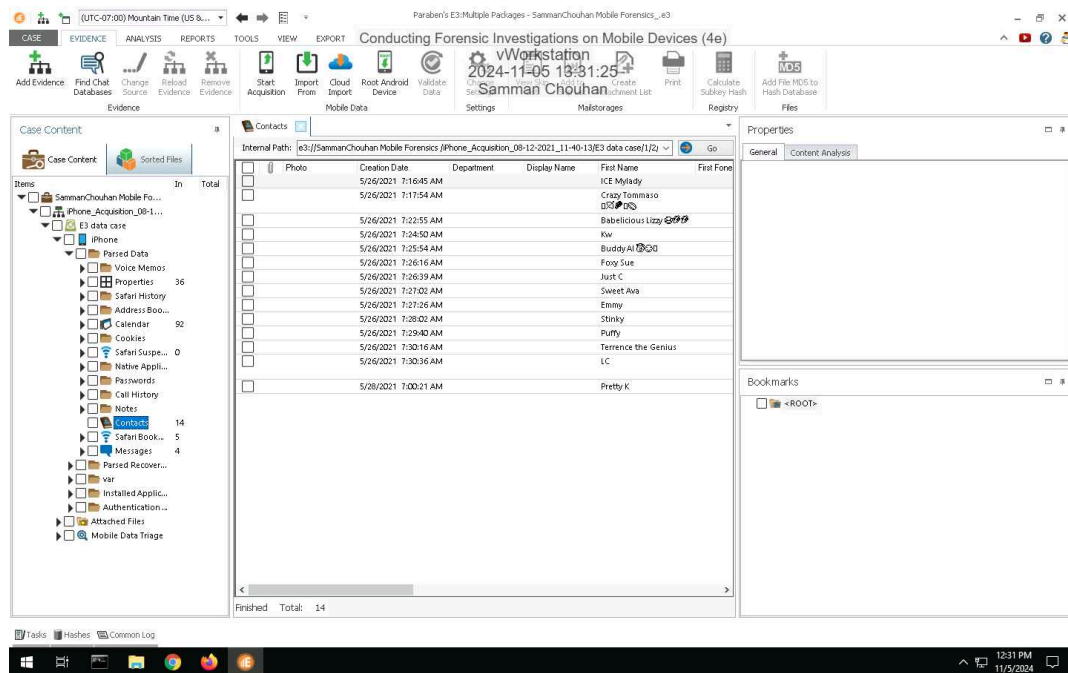Report Generated: Sunday, November 10, 2024 at 10:47 PM

Section 1: Hands-On Demonstration

Part 1: Identify Forensic Evidence in an iOS Data Case

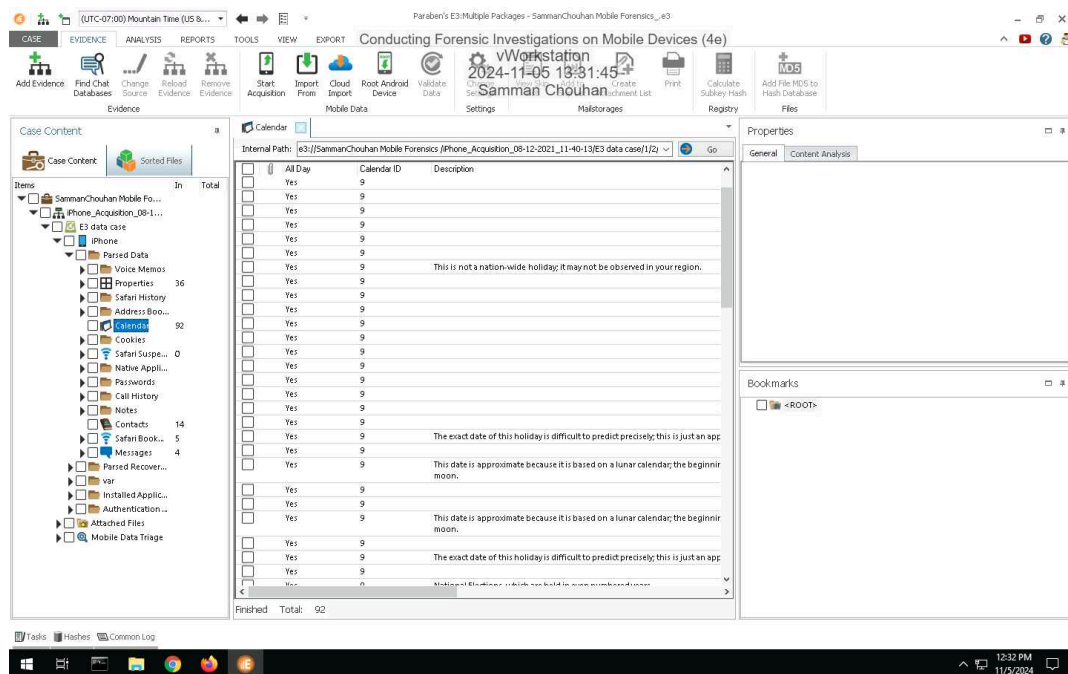8. **Make a screen capture** showing the **contents of the Properties pane**.

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

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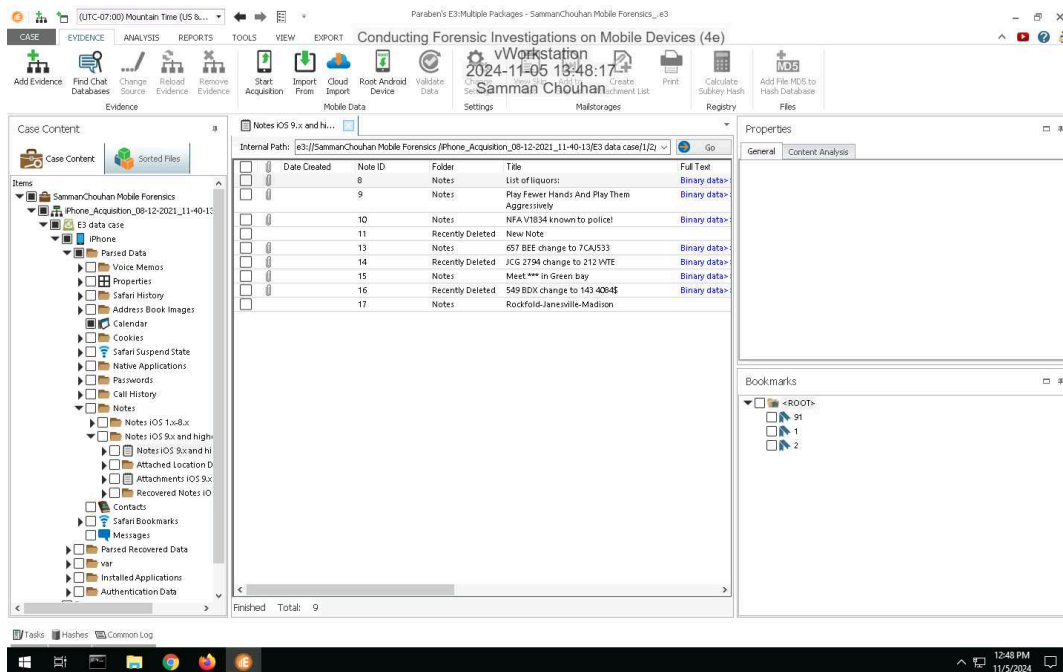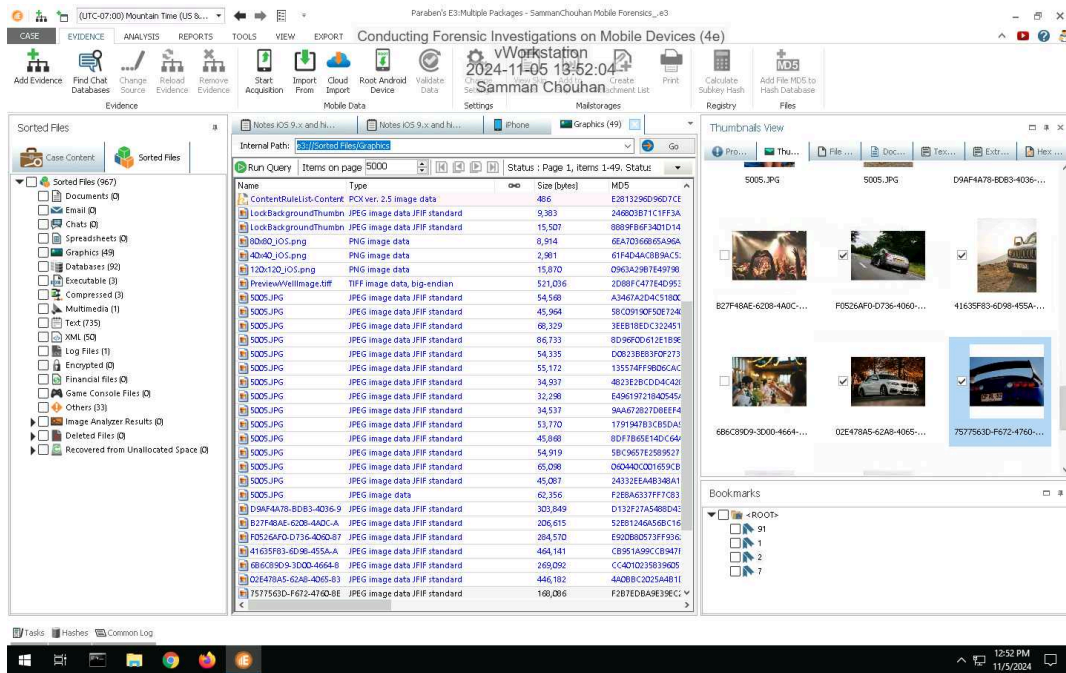
20. **Make a screen capture** showing the **contents of the Messages grid**.
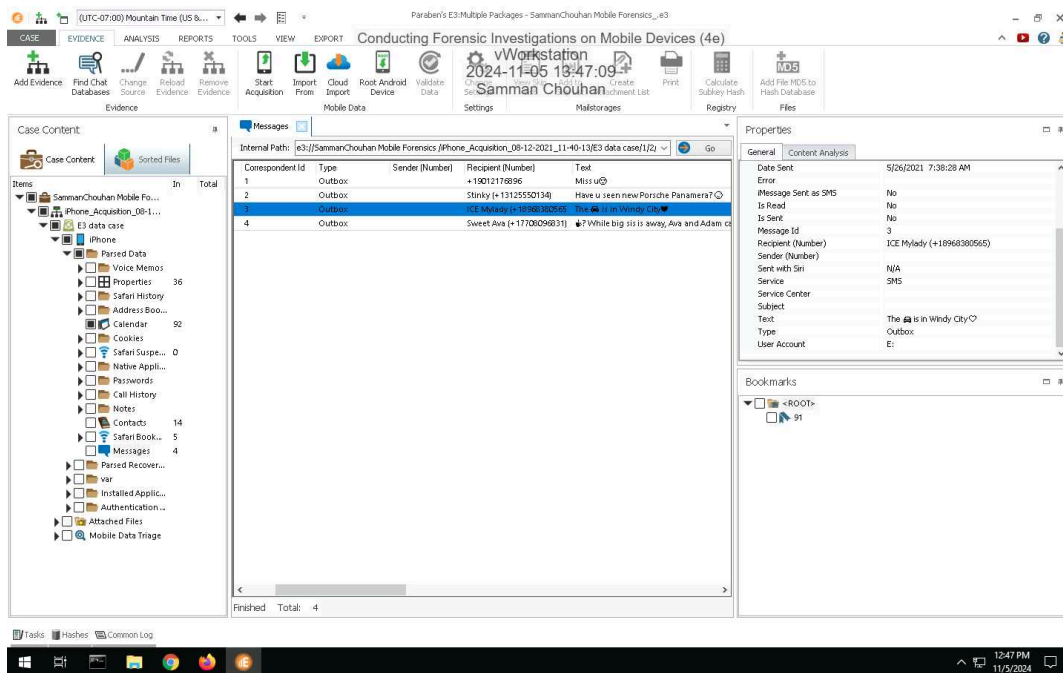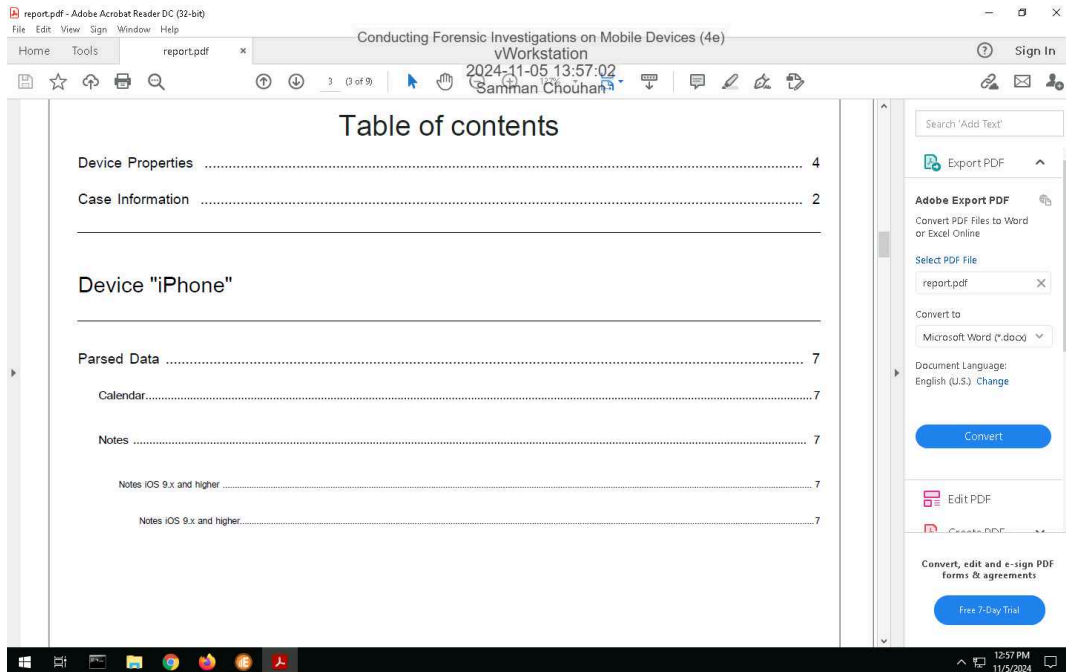

24. **Make a screen capture** showing the **contents of the Notes grid**.

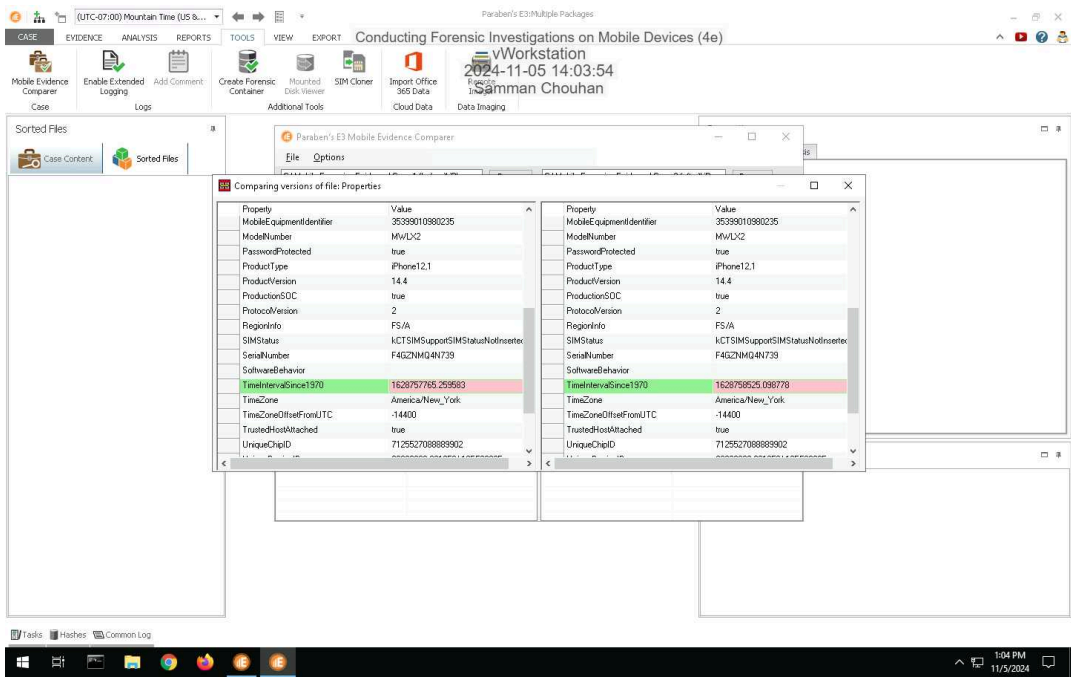34. **Make a screen capture** showing **at least two car pictures in the Thumbnail View**.

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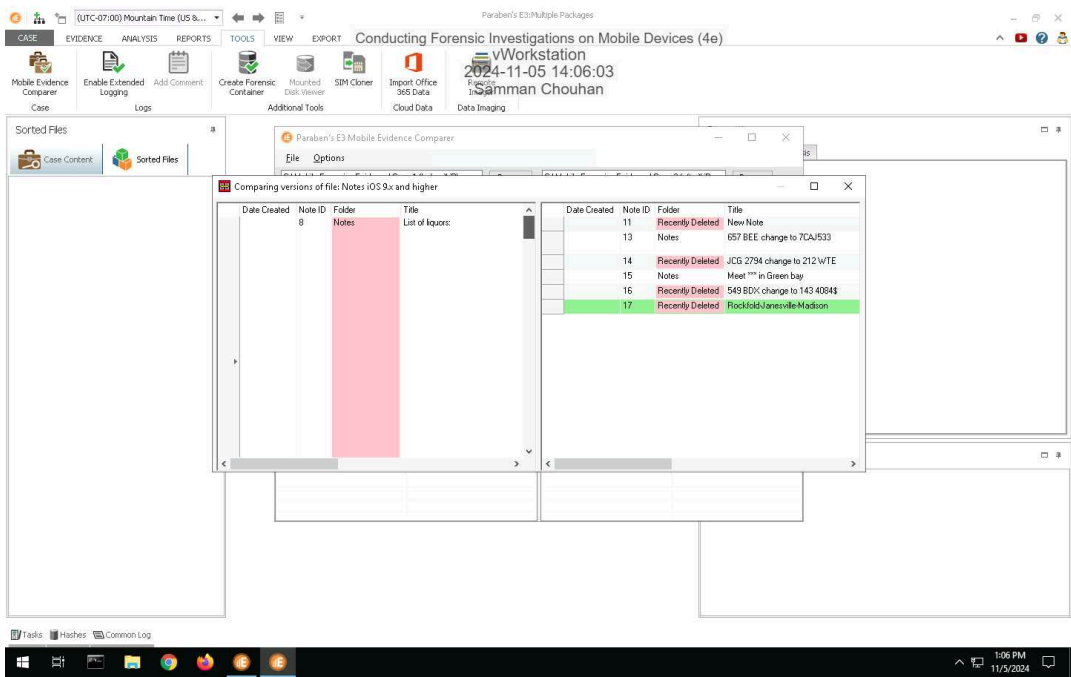

Part 2: Compare iOS Data Cases

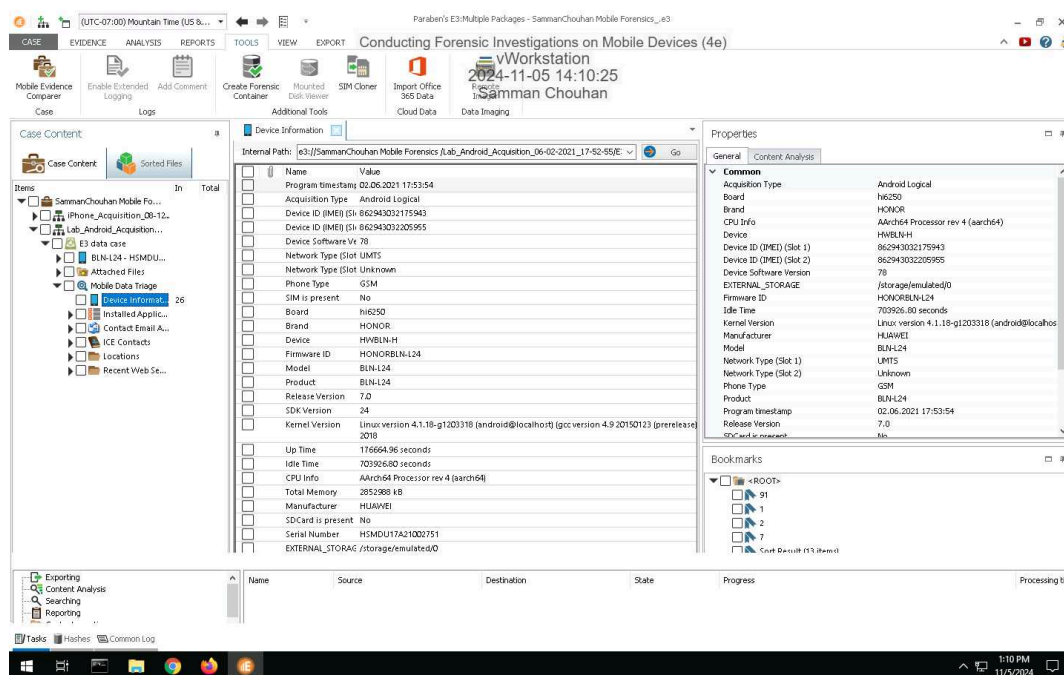10. **Make a screen capture** showing the **difference in data case properties**.

15. **Make a screen capture** showing the **additional note in the newer data case**.
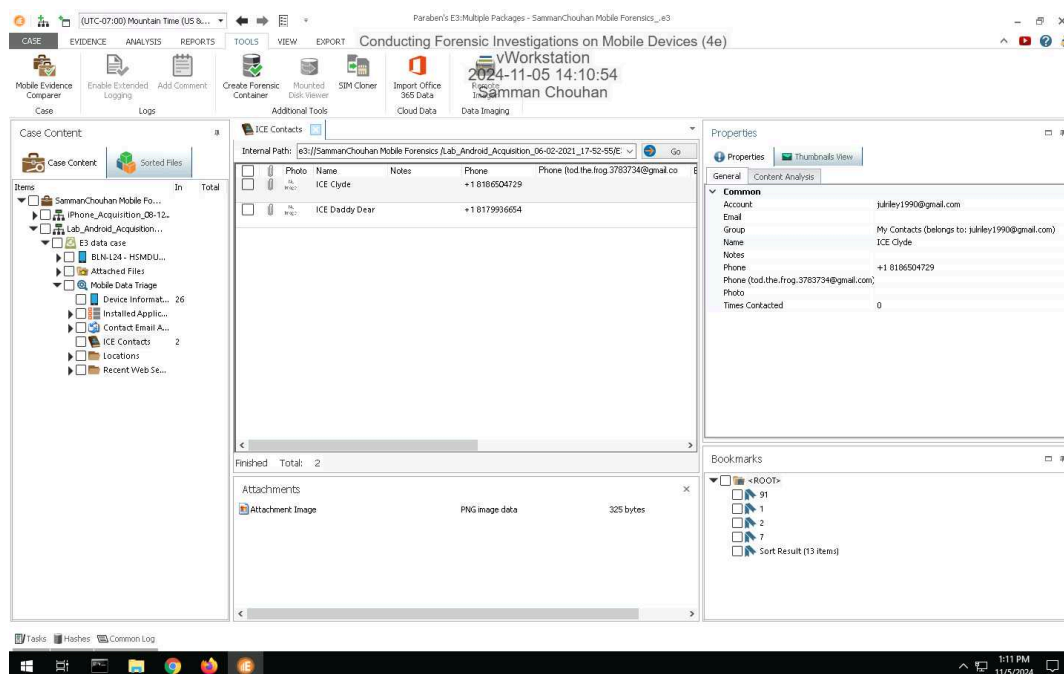
Section 2: Applied Learning

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**.

12. **Make a screen capture** showing the **Contact Email Accounts**.
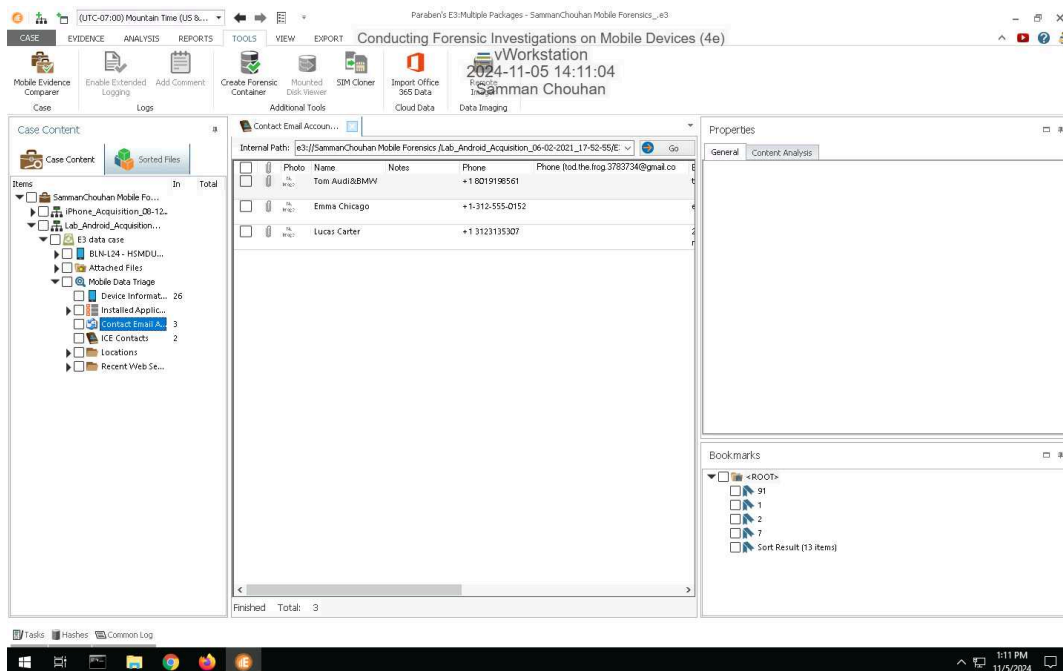
15. **Make a screen capture** showing the **Installed Applications**.
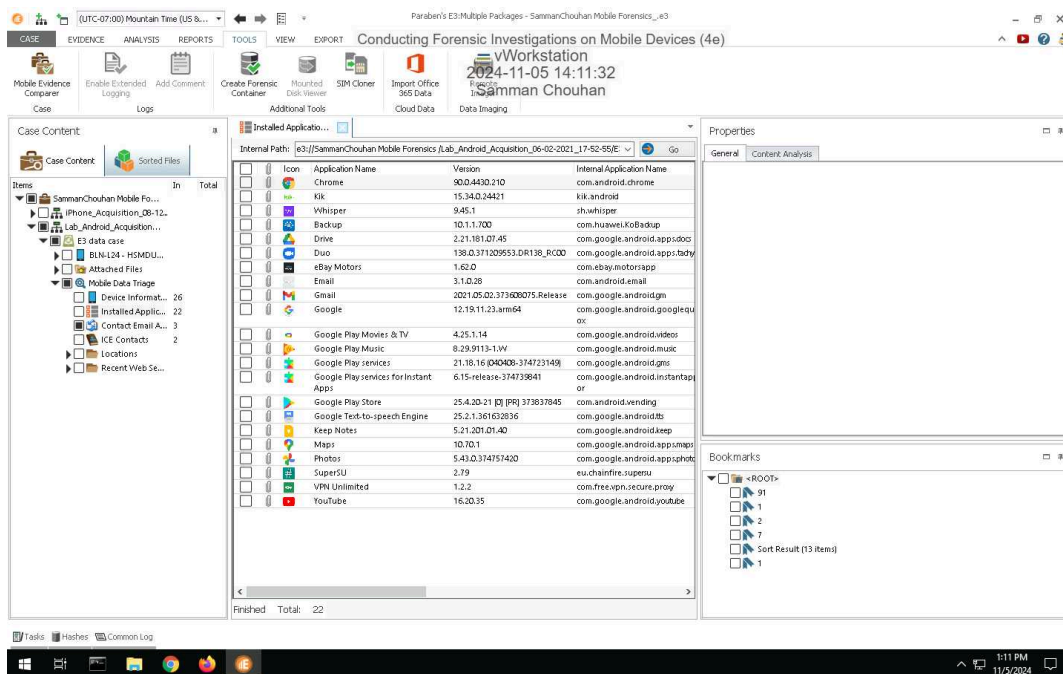
19. **Make a screen capture** showing the **recovered contact information from the Android phone**.
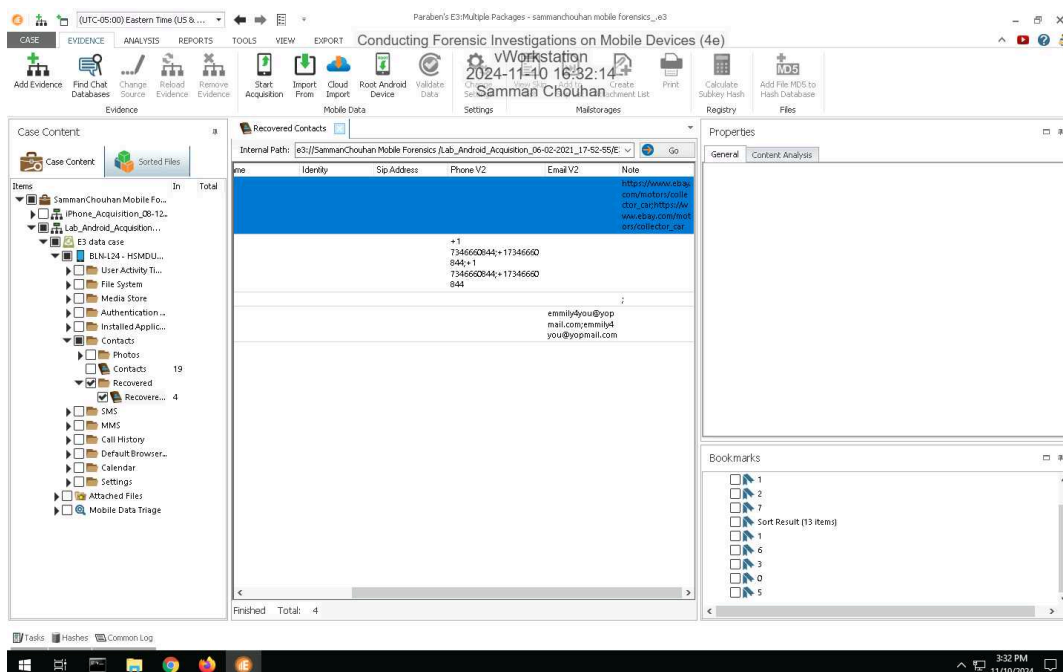
Part 2: Identify Forensic Evidence in Android Application Data

4. **Make a screen capture** showing the **User Activity Timeline between 9:17:47 AM and 9:24:51 AM on 6/2/2021**.
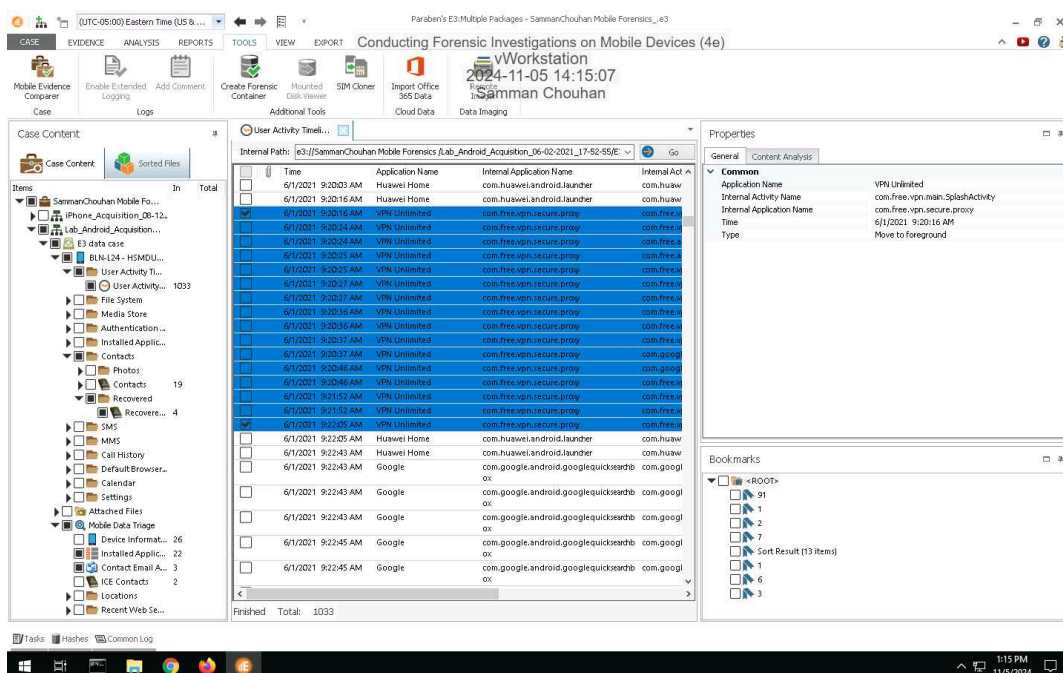
7. **Make a screen capture** showing the **contents of the Own Whispers grid**.
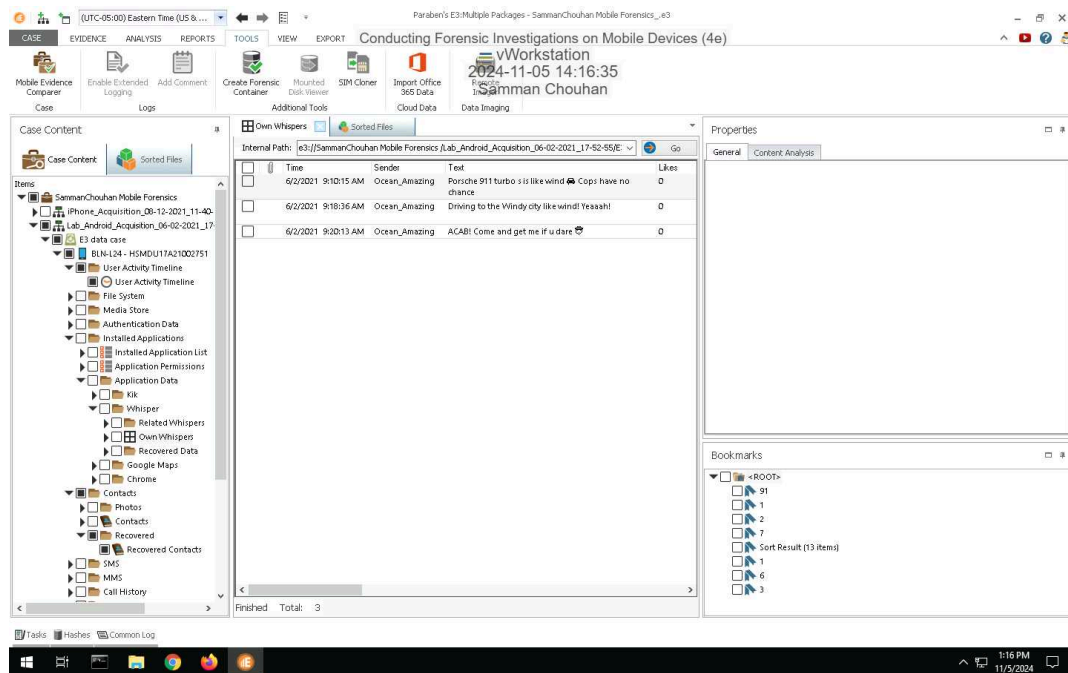
10. **Make a screen capture** showing the **contents of the History grid**.
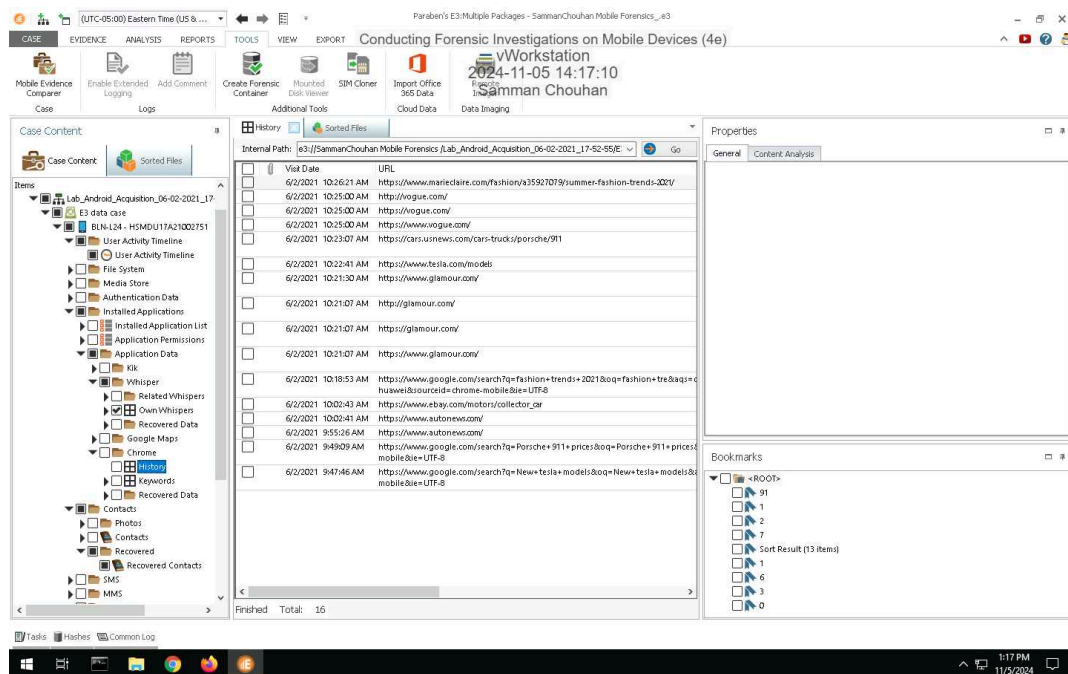
17. **Make a screen capture** showing the **contents of the list_item 1-5 table**.
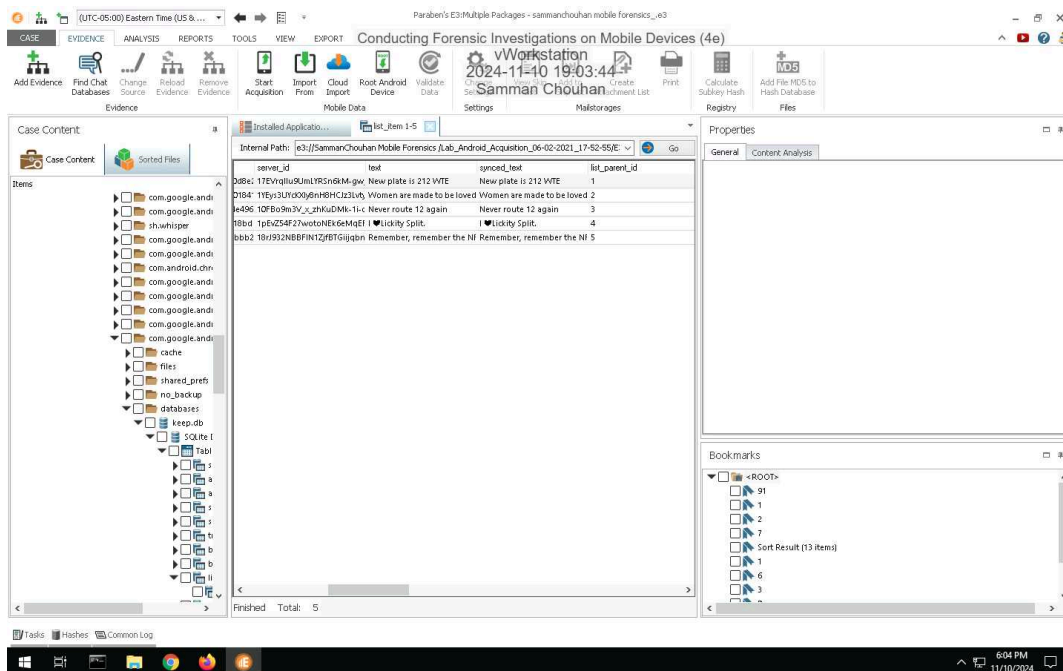
20. **Make a screen capture** showing the **Keep Notes account owner**.
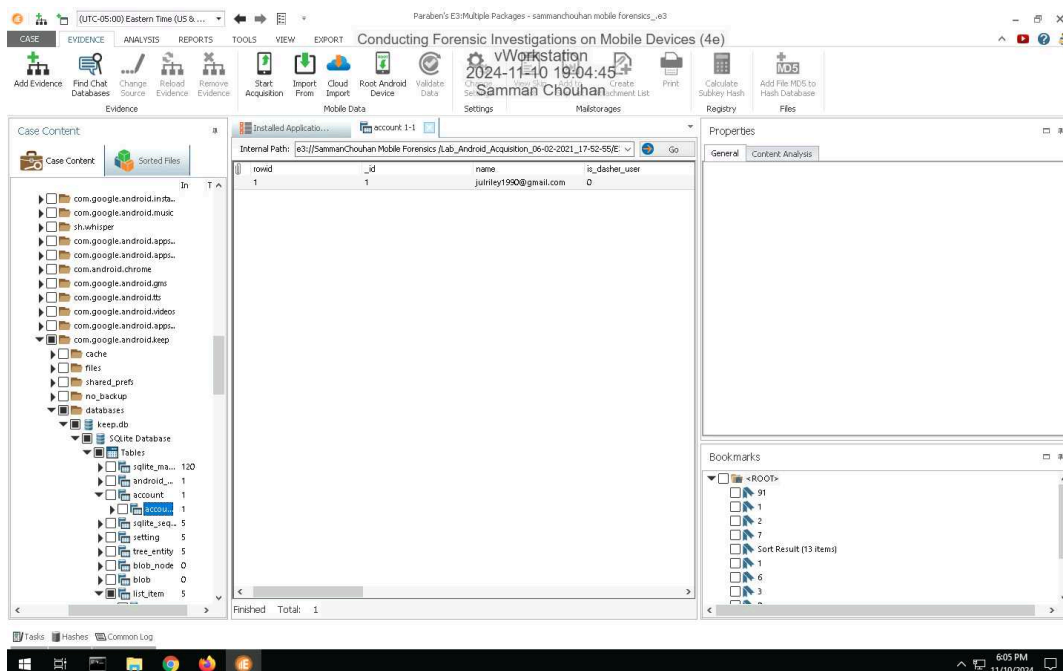
23. **Make a screen capture** showing the **Investigative Report's Table of Contents**.
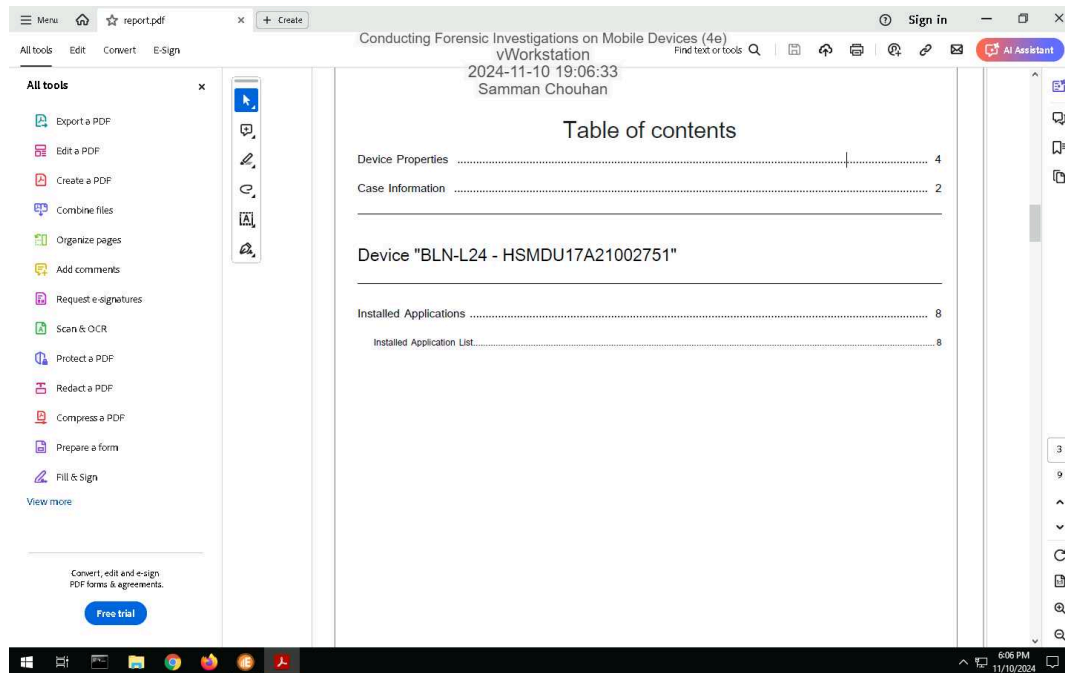
Section 3: Challenge and Analysis

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.

A well-organized digital forensics report begins with a title page and then moves on to an executive summary, table of contents, goal, and scope. The aforementioned elements essentially establish the goal and parameters of this inquiry. The methods and instruments utilized to replicate the case will be explained in the methodology section. The findings will be presented objectively and backed up by data, and a conclusion will be made based on them. All supplemental data could be included in an appendix without overcrowding the main report.Other best practices include using language that is objective and unambiguous, which makes it trustworthy and easily comprehensible. Confidentiality shall be ensured; sensitive data must be removed. It must preserve version control so that revisions may be tracked. These guidelines provide clear, accurate, and helpful digital forensics reports for all of their readers.

Part 2: Draft a Forensic Report

Case Summary

our team has been contacted to investigate on a car theft case. To conduct theinvestigation, we have been provided with two two smartphones (iOS and Android) that belong to thesuspects in an organized car theft operation who identify themselves as Bonnie and Clyde. We havebeen asked to identify evidence related to the car theft from the confiscated smartphones.

Findings and Analysis

In the ios device, i found out recently deleted notes which indicates the stolen number plates to be changed (3 of them), in the android device i found sent messages on application mentioning windy city , porsche 911 and making fun of cops . In the similar device i also found browser history for search regarding cars , the same porsche 911 and a search about a tesla,
then i found messages from an app sent , in the database telling us the new plate numbers and a warning for never route 12 again
we also find the user account to be associated as julriley1990@gmail.com . which can be seen as the original identity and can be used to further investigate the case

Conclusion

From the reports and findings we can conclude that both the suspects in question has incriminating evidence against them , where they exchanged a series of texts, tried to delete evidence , mentioned it and gave warnings to elude the cops , which are reasons enough to hold the evidence against them