



# CELLEBRITE ADVANCED SMARTPHONE ANALYSIS (CASA)

## Mobile Forensics

### Course Description

Cellebrite Advanced Smartphone Analysis is a five-day (35 hours) advanced level course designed to provide training in forensic recovery of application data from smartphones. The CASA class is recommended for practitioners familiar with Physical Analyzer and graduates of the CCPA course. In the CASA course, participants will learn how to decode information not commonly decoded by forensic tools. Attendees will also use third-party software and Python scripts to decode, analyze, verify, and validate findings.



#### Level

Advanced



#### Length

Five-Day (35  
hours)



#### Certification Track

CCME



#### Delivery Mode

In-Person  
Virtual  
Self-Paced\*

\* last updated July 2019

# Course Learning Objectives

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Upon successful completion of the course, the student will be able to:

- Recognize SQLite database structures and how to use search Query Language (SQL) to filter and sort data efficiently.
- Inspect databases in Physical Analyzer to locate applications of interest to an investigation.
- Interpret unsupported data.
- Identify basic data types and how they are used with Python.
- Interpret the structures of iOS and Android file systems.
- Analyze extractions with Cellebrite Physical Analyzer.
- Examine and parse unsupported applications using the SQL Builder and incorporate the data into Physical Analyzer.

## Note

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The Cellebrite Certified Physical Analyst (CCPA) certification is a pre-requisite to attend the CASA class. The CCPA course is NOT available as a test-out option for those individuals seeking to achieve CASA pre-requisites. CASA is the final course required for the Cellebrite Certified Mobile Examiner (CCME) capstone certification, which is designed to prepare practitioners with the knowledge, skills, and abilities to successfully conduct mobile device forensics and investigations.

## Empowering Justice through Expert Digital Forensics Training

Cellebrite Training is a leading provider of digital forensics education, offering a comprehensive suite of courses designed to empower professionals in mastering the techniques, tools, and methodologies essential for navigating the complexities of digital investigations.

For a complete list of Cellebrite Training's in-person, virtual, or self-paced course offerings, please visit [www.cellebrite.com/training](http://www.cellebrite.com/training) or contact your regional Training Account Manager at [Training@cellebrite.com](mailto:Training@cellebrite.com) or 800-942-3415. Select option #3.