



ADVANCED APPS ANALYSIS

CERTIFICATION TRAINING

THIS TRAINING COURSE TAKES YOU TO THE HIGHEST LEVELS OF KNOWLEDGE AND UNDERSTANDING FOR MOBILE FORENSICS. IT IS DESIGNED TO BE TAKEN AFTER SUCCESSFUL COMPLETION OF THE OTHER XRY TRAINING COURSES AND WILL MEAN YOU HAVE REACHED OUR HIGHEST POSSIBLE LEVEL OF EDUCATION.

The AAA course covers everything you need to know in order to recover smartphone data, utilize Python to analyze the contents and find the wealth of hidden information in smartphone apps and their databases.

The course covers all elements of knowledge required to recover, decode, decrypt and explore the hidden SQL & PList data on modern smartphones.

This is a fast growing and rapidly changing area of mobile forensics which will only grow with importance in the future. So getting the knowledge now will give you a real advantage.

This course is designed to take you from relying on the decoding capabilities of XRY to being able to decode apps manually. There are over a million smart phone apps available and we show you how to locate that data when

the tools can't do it automatically.

Eventually you will come across a situation where you need to decrypt data from an app that is not supported and this course will show you exactly how to do it. You will learn how to decode the data yourself and using Python programming to add that data to the XRY report.

Successful completion of this course will result in a formal certificate, ensuring you can demonstrate the highest level of competence to meet the demanding requirements of a modern mobile forensic examiner.

The high level of the Advanced Apps Analysis Course curriculum requires all attendees to have passed both the XRY Certification and Intermediate courses before attending.

“Hugely informative, well aimed and balanced course. Presented with the genuine passion and knowledge that has become the MSAB training trademark. An excellent resource for the advanced examiner.”

Quote from Advanced Apps Analysis Feedback – 2014

DAY 1

- >> Intro to Apps
- >> SQL Data Structures
- >> App Data Storage
- >> App Practical
- >> Hands-on App Practical

DAY 2

- >> Create SQLite Database
- >> Rebuilding Databases
- >> Cont'd Rebuilding Databases

DAY 3

- >> Intro to Python
- >> Python Math Operators
- >> Python Variables
- >> Python Lists & Tuples
- >> Python Loops
- >> File Output
- >> Modules Datetime SQLite3
- >> Python Practical

DAY 4

- >> XACT Python API & Help File
- >> Adding Data to XRY Report
- >> Python Dictionaries
- >> Multi-Table Databases
- >> Python App Practicals

DAY 5

- >> Android SDK
- >> Android App Reverse Engineering
- >> Reverse Engineer Encrypted App
- >> Group Exercise
- >> Assessment & Closure