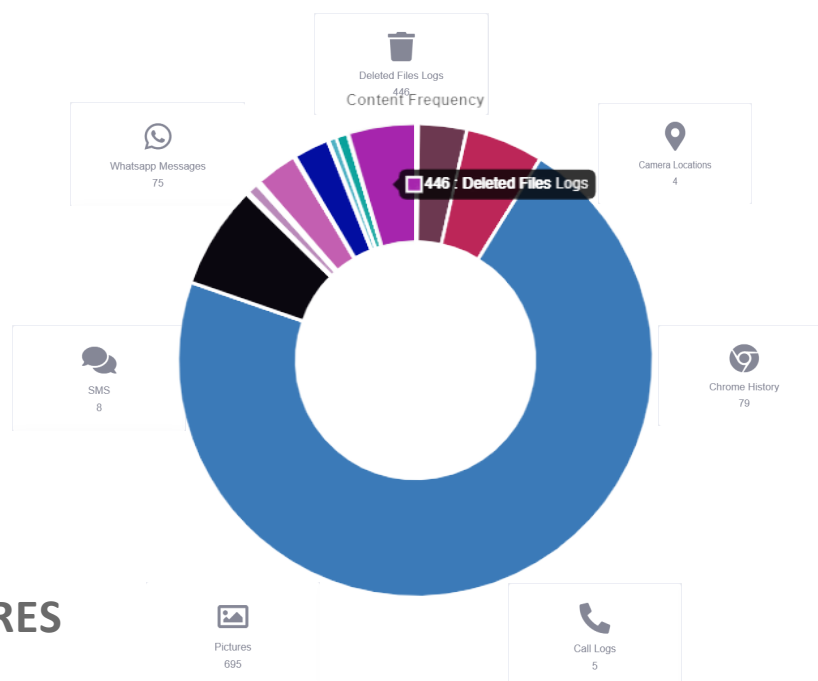# Profyler

What is Profyler?

A Mobile Forensics application to acquire, review and analyze data from mobile devices. This may include Applications and User data as well as deleted data.

About us

Mobile device, being one of the most commonly used digital technology is a very major source of portable data carrier. A mobile device's data can tell a lot about a person. We, at National Cyber Crime and Forensics Lab (NCFL) working on to the solutions of the problems that our national bodies such as NR3C (FIA) and PAF face while mobile device's forensics investigations.

Why choose us?

Mobile forensics is considered to be the most challenging domain of Digitial Forensics. Research is not openly and freely available. Even if one buys highly expensive applications for mobile phone forensics from other countries, there are still challenges faced by the organizations due to lack of communication and understanding. Thus, we have necessary research and tools to cope with these issues.

Profyler

Content Frequency

Deleted Files Logs
446

Whatsapp Messages
75

Camera Locations
4

446 : Deleted Files Logs

SMS
8

Chrome History
79

KEY FEATURES

Pictures
695

Call Logs
5

Dashboard
Overall summary of the files extrated from the acquired device on phone image is shown in a user resposive web GUI

Object Detection
Extract the list of objects recognized in the images, then categorizes based on different categories such as weapon, knife, car, person, and so much more

Data Recovery
Multiple methods for Data Recovery from Mobile Device's' Physical Image. Module can recovery Videos, Word and PDF Documents, Images of JPEG and PNG format and WhatsApp voice notes.

System Requirements	
PC	PC with Intel i5 or compatible running at 1.9 GHz or higher
Operating System	Microsoft Windows 10 x64 , Ubuntu 20 + LTS x64
Memory (RAM)	Recommended: 8GB
Space Requirements	4 GB of free disk space for installation

Functionalities	
Supported Files Systems	EXT4
Disk Image Formats	Raw
Applications	WhatsApp, Twitter, SnapChat, Skype, Gmail, & etc.
Miscellaneous	Deleted file logs, Sql query executeor, Location tags, and Image file tree structure
Reports	HTML