

INVESTIGATOR CHEAT SHEET

Social Media Analysis

By examining posts and metadata on social media platforms, investigators can gather valuable insights into a person's lifestyle, interests, and habits.

- Timestamps of posts Examples
- Location tags
- Content of the posts
- Network of interactions
- Friends and followers
- Hashtag usage
- Profile updates and changes

Travel Records

These records can help in understanding travel patterns, frequently visited locations, and possible associations with other individuals.

- Airline bookings Examples
- Hotel reservations
- Car rentals
- Train and bus ticket purchases
- Frequent flyer and loyalty program data

Geolocation Data

This involves analyzing data from various sources that provide location information.

- Social media check-ins Examples
- Geo-tagged photos
- Location-based services and apps
- GPS data from devices
- IP address locations

WHAT'S PATTERN OF LIFE ANALYSIS?

Pattern of life analysis aids OSINT investigators in interpreting large quantities of data to understand someone's habits and behaviors that can complement your person of interest investigations.

Online Activity AND Browser History

While accessing this information may involve privacy and legal considerations, and therefore be accessible only to appropriate law enforcement units, it can be very revealing about a person's interests, habits, and routines.

- Search engine queries Examples
- Website visits
- Online purchases
- Cookies and tracking data
- Download history
- Streaming history
- Application usage

Communication Metadata

This refers to the data generated through communicators. While the content might be protected, the metadata can reveal a lot about behavior patterns.

- Phone calls Examples
- Text messages
- Emails
- Time stamps
- Call durations
- Contact lists
- Frequency of communication



Public Records and Databases

Cross-check publicly available information across various registries and open-source databases.

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| <ul style="list-style-type: none"> · Property records · Legal filings · Professional licenses · Business registrations · Marriage and divorce records · Birth and death records | Examples |
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Financial Transactions

Analyzing transaction data can provide insights into spending patterns, locations frequently visited, and even lifestyle choices.

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| <ul style="list-style-type: none"> · Credit card transactions · Online purchases · Bank transfers · ATM withdrawals · Subscription services | Examples |
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WHY USE PATTERN OF LIFE IN OSINT INVESTIGATIONS?

1. Gain insights into anonymized datasets

By applying OSINT and SIGINT to metadata, investigators can generate intelligence from communications without accessing the content of those communications.

2. Identify suspicious activities:

Pattern of life analysis enables investigators to establish a baseline of “normal” activities. Once this baseline is set, it becomes easier to spot unusual activities.

3. Predictive intelligence:

If we know what the usual patterns of behavior of targets are, we can make pre-emptive operational decisions.



INVESTIGATOR EXAMPLE

For instance, consider the analysis of airline ticket purchases made by known drug traffickers.

By identifying specific patterns in their travel habits, border surveillance investigators can strategically decide which flights to monitor more closely or intercept and so increase the effectiveness of law enforcement operations.

BE 12X FASTER AT OSINT INVESTIGATIONS WITH MALTEGO

- Web-based and mobile friendly for investigations on the go
- Built-in operational security measures that allow you to query data without needing VPNs or sock puppets
- Designed for non-technical officers
- Clear data lineage to back up results
- Empower and save time for your team with the right tool