

## National Insurance Crime Bureau

### 2021 Analyst I Academy Syllabus

#### Who Should Attend?

NICB, member company, law enforcement employees and guest of NICB, directly involved or preparing to be directly involved in data analytics and reporting.

#### NICB Teaching Method

Lessons/modules use demonstrations, practical exercises, media elements that promote learning through visuals, story-based, and performance-based activities.

#### Course Description

This course will provide attendees with a thorough, working knowledge of Data Analytics and Open-Source Intelligence. There are free or near-free tools available for data analysis and open-source intelligence. These tools can be used to analyze phone records, insurance claims, bank records, social media, and many other records associated with criminal investigations. This course will cover the many features of Excel and other tools to analyze data associate with simple use cases and working to complicated use case types. We will also cover other tools that work in conjunction with Excel enabling the analyst to visualize their data.

Specific topics covered include.

- **Creative and Critical Thinking**
- **Logical Thinking**
- **Inference Development**
- **Generating Hypotheses**
- **Analysis of Competing Hypotheses**
- **ACH Group Exercise**
- **Recommendation Development**
- **Report Creation**
- **Visual Aids**
- **Tactical and Strategic Analysis**
- **Safe Auto Case Study**
- **Data Manipulation**
- **Strategic Analysis Practical**
- **Dirty Data**
- **ISO ClaimSearch<sup>®</sup>**
- **Aggregated Medical Database**
- **Tactical Analysis Practical**

Data Analytics Schedule

Draft Schedule - Introduction to Analyst I Academy

