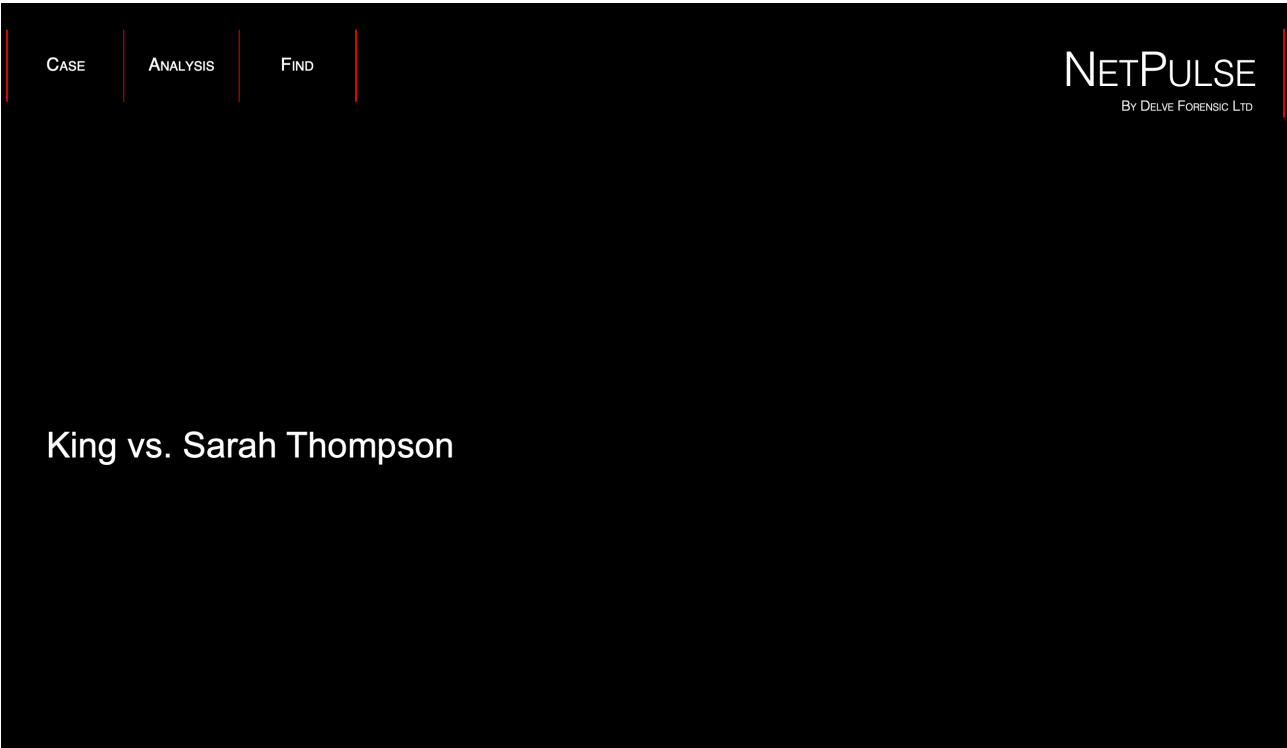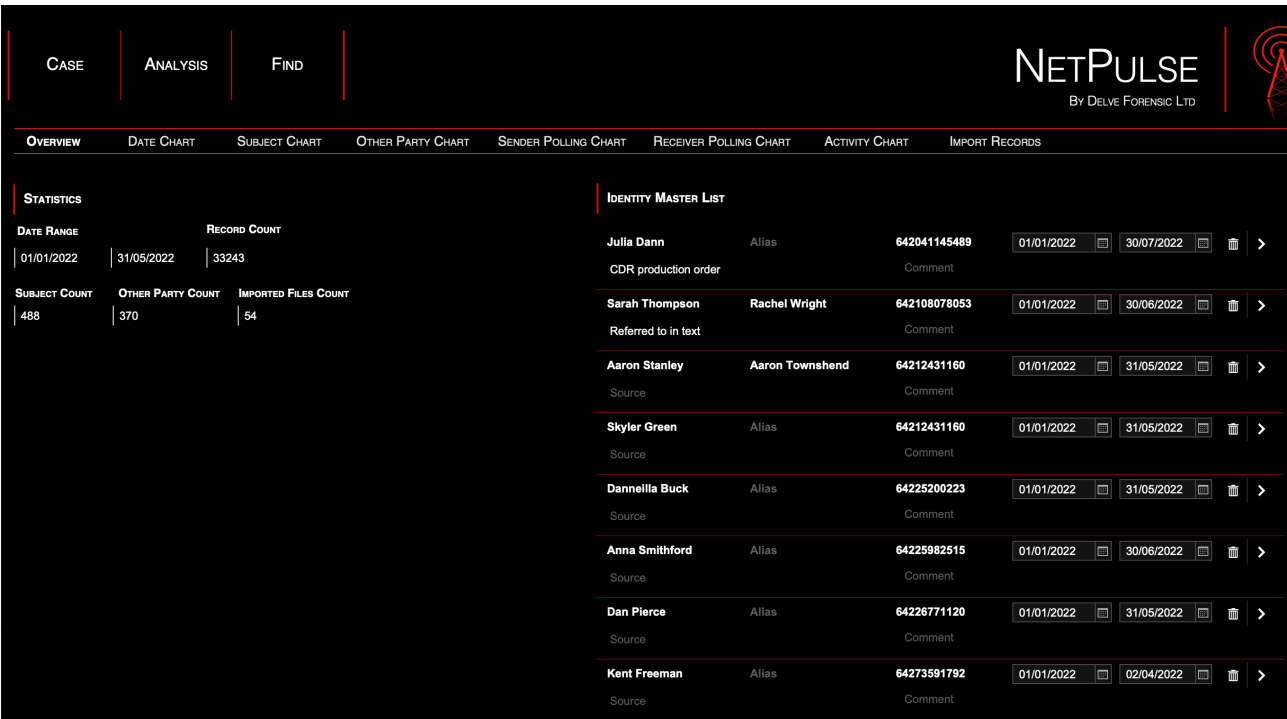# Quickstart Guide v 1.0

Open the Case

Once you have logged on with the provided details and URL the case splash screen with appear. Click on the Analysis button to enter the Analysis Area.

Attribute Identities to Numbers

If the data arrangement process carried out during case creation has included matching names to numbers then there will already be entries in the Identity Master List.

If not then you will need to enter identity information. This will match the number to the identity across all the records in the Find area.

When entering an identity against a number use the actual identity rather than the alias which might be associated with the call detail record source. Enter the alias in the Alias field.

To enter the identity simply start typing in the row field named Identity. Enter any aliases in the same manner.

Enter the phone number in the following format:

• country code & prefix without leading 0 & number

For example a New Zealand number 0274 555 2684 becomes 64274555268.

Enter any landline numbers with the leading 0 omitted, for example 09 801 7016 becomes 98017016.

The data range for the record will default to the calculated first and last date found in the data set, however if the device has been passed to another individual then the date range can be entered to reflect this activity.

This list can be edited on the fly meaning any new information located in the call detail records can be added to the Identity Master List.
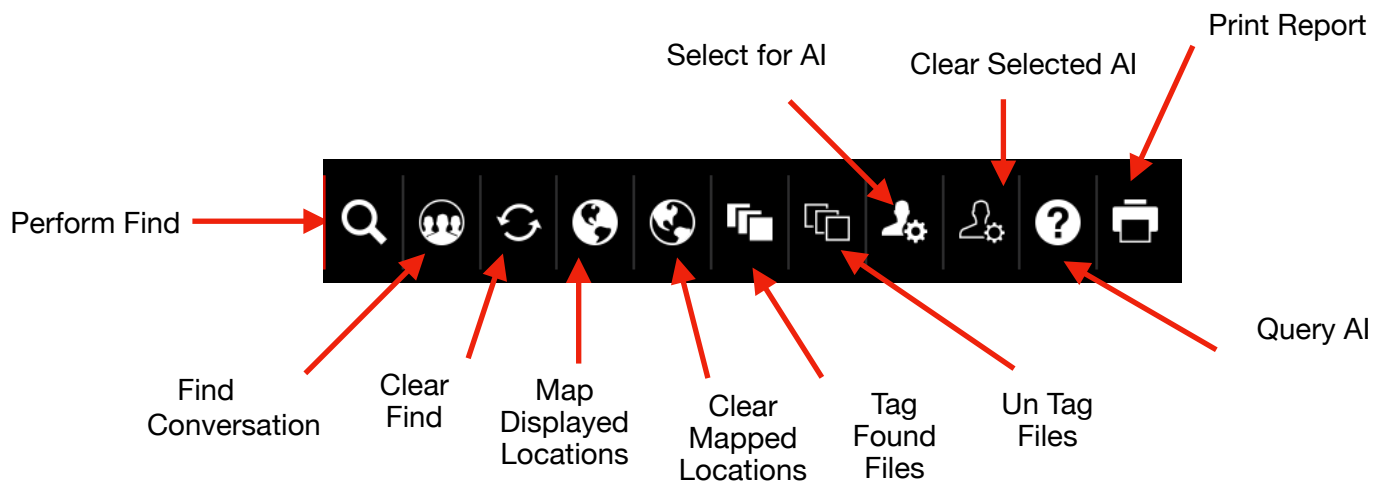

View Charts

Use the charting buttons in the Analysis area to determine points of interest, for example most commonly logged subjects, other parties and polling locations.
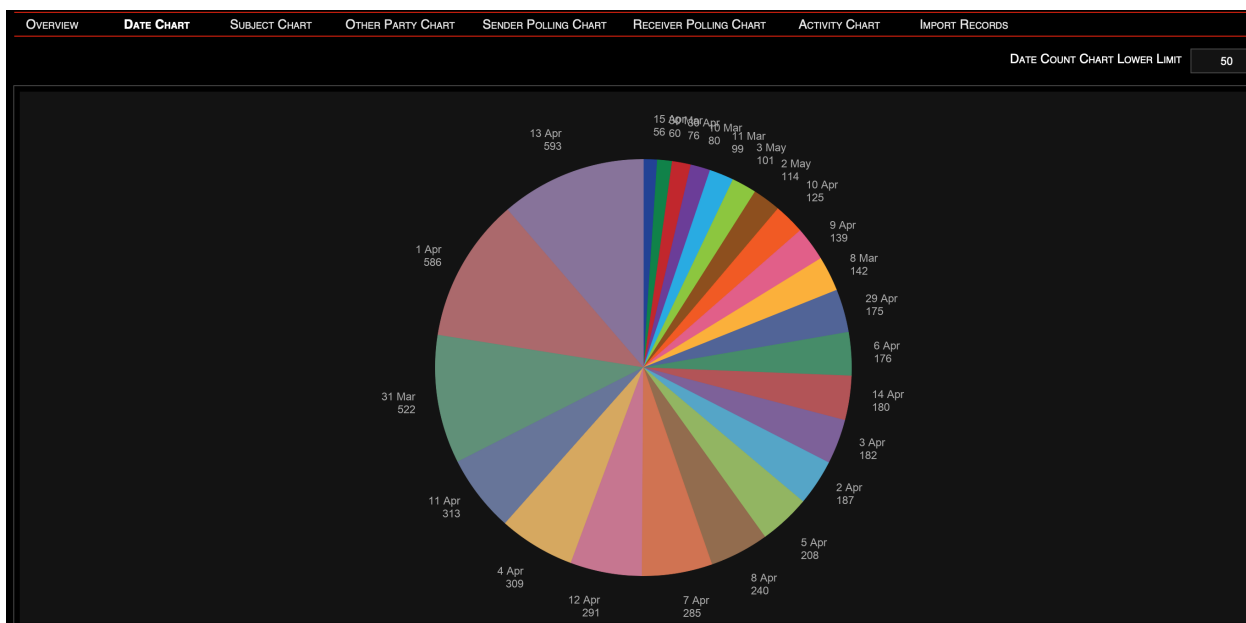
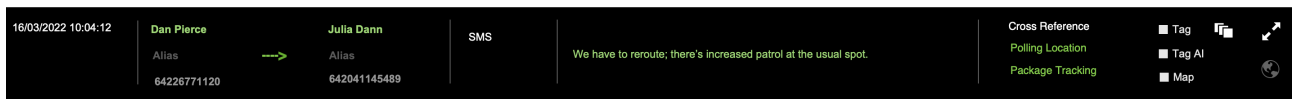## Familiarise with the Find Area Buttons

Go into the Find area by selecting Find and view the buttons on the top right of the layout as below:
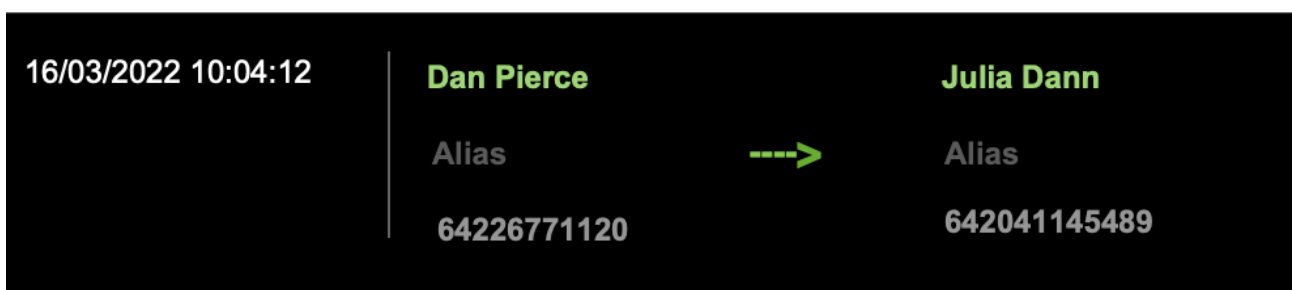

Each of the icons has a tool tip associated with it which appears when you hover your mouse pointer over the button.

Viewing Records

It is important to be familiar with the layout of records displayed in the Find area.


Timestamp, Names and Numbers

The left most portion of the record displays the timestamp, any allocated names and aliases as well as the associated phone numbers.

Call Type and Text Message Content

The middle portion of the record contains the call type and any text message content.

Cross Reference Data, Tags, Expansion Windows

Cross Reference Data Expansion Window

Record expansion

Cross Reference Data

Tagging Checkboxes

Location Expansion
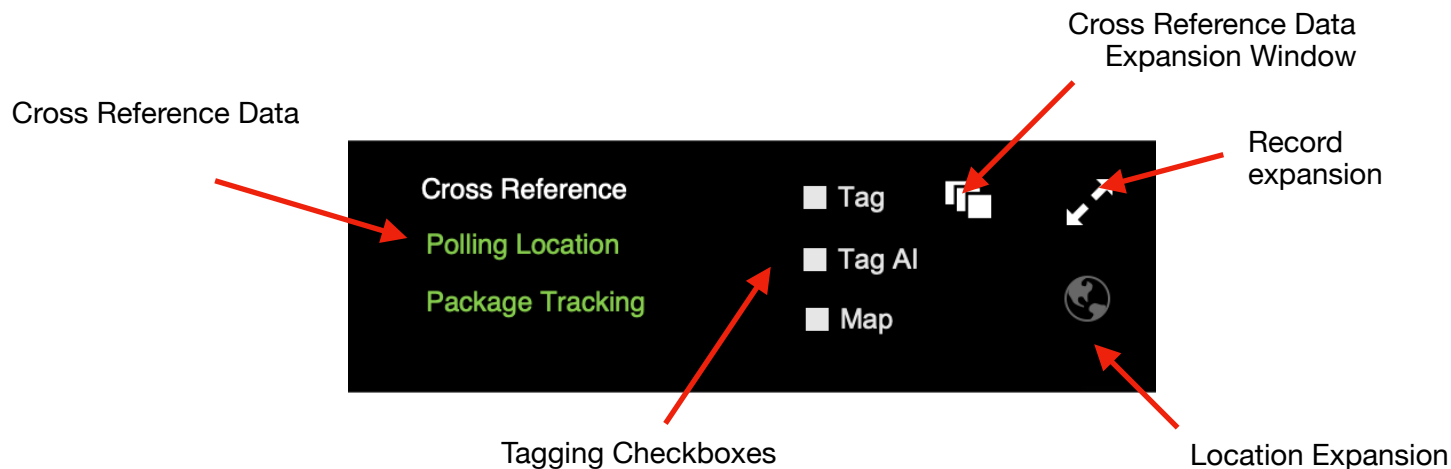
The Cross Reference heading has a list of entries which appear if there is cross reference data available. For instance the entry above indicates that there is data matched by timestamp between the call record polling location, and package tracking. This data can be viewed by clicking the Cross Reference Expansion window button as below.

Clicking on Record Expansion shows all data imported where present with the record as well as an area to Tag comments.

Record Detail						
Date	Time	Originating Number	Service Type	Terminating Number	Duration	Content
16/03/2022 10:04:12 AM	10:04:12 AM	64226771120	SMS	642041144806		We have to reroute; there's increased patrol at the usual spot.

Tag Comment

Tag Comment

Originating Number IMEI		Terminating Number IMEI	

First Cell Name		Last Cell Name	

First Cell ID Site Name	First Cell ID Site Address	Last Cell ID

First Cell ID	First Cell ID Site City	Last Cell Site Location

First Cell ID Azimuth	First Cell ID Site Suburb

First Cell ID Sector	Location Data Present

Clicking on the location expansion button will display the location of the associated cell tower on a Google map.

Map			
4G-007-062_MWTS_C1_Mt_Wellington_Sth,Auckland City		174.84903500000001486	-36.92537999999999698
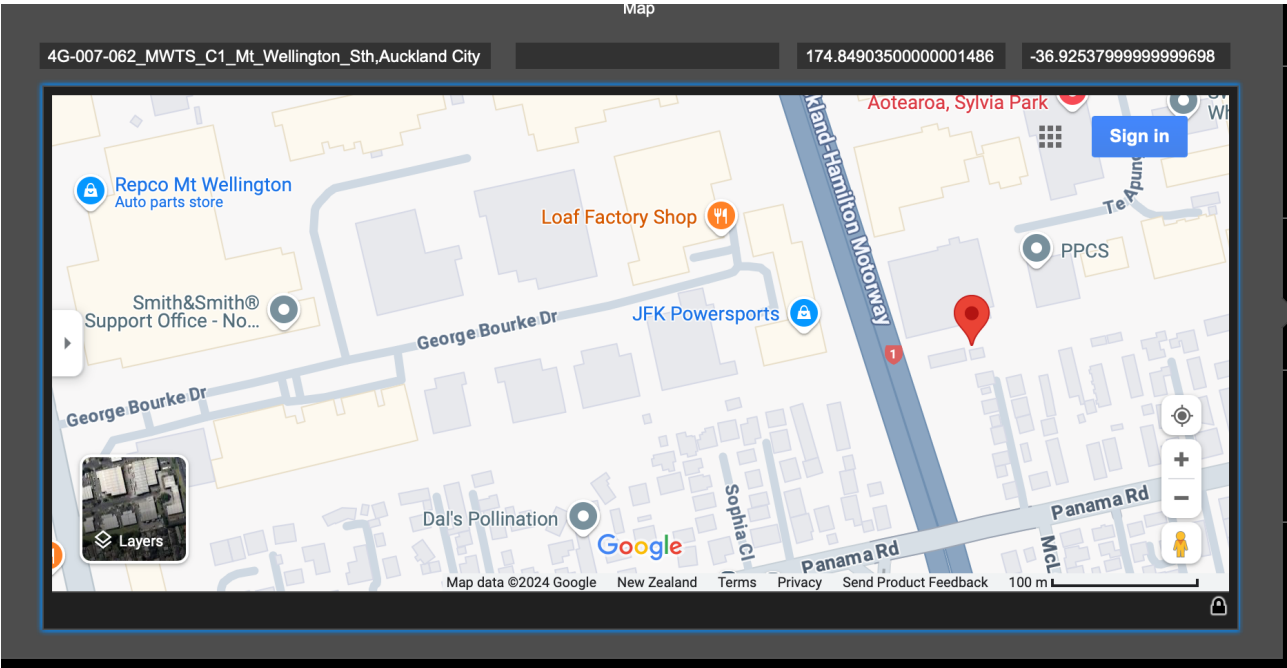
The tagging check boxes are used in the following manner:

Tags file for selecting records to be included in a report. → ■ Tag

Tags file for inclusion in a record set to be queried by AI → ■ Tag AI

Tags file to be included in a set of locations to be mapped together. → ■ Map

Initiate Finds from Identity Master List

Once you have established your main identities you can begin a find from the Identity Master List. Click on the right pointing arrow at the end of the record and you will be moved to the Find area. The number associated to the name you have selected will be entered in the Originating No. find field.

You can then click the List icon next to the number to see what numbers have been interacted with by the number you have selected. To enter the Terminating No. in the find field type in the index number in the "Index #" field and click the right arrow icon.

Click the Perform Find icon and all records from the originating number to the terminating number will be found. If you click the Show Conversation button, you will see all the records between the two numbers.

This find function is intended to make initiating basic finds easier, but more sophisticated finds can be initiated from within the Find area.

To clear the find click the Clear Find Records Button.

Name Based Find

A name based find searches all records associated with an individual as opposed to a number. This means it encompasses all numbers used by an individual.

This type of find is initiated from the Originating Name field, with all names that are associated with a number presented in a drop down list.

Click Perform Find to locate all records in which the name matches the Originating Name. This finds all records associated to the name, regardless of the number being used.

The query takes longer than a simple number search because it is looking for multiple numbers across all the records.

If you select a name from the Terminating Name field and click Show Conversation, NetPulse will display all interactions between the two parties.

Timestamp Range Find

Finds can be carried out between timestamps. This permits easy location of records associated with timestamps identified as being important as per the charts in the analysis area. The date fields contain drop downs with the timestamps of all the records visible. This permits precise finds to be carried out on the timestamps.

Record Attribute Find

Various records contain attributes which can be of particular interest to users. These might include records which have location data, text messages, tags or matching cross references. A find can be carried out which solely displays records of these type. For instance the find below locates all records which contain text messages.

Such find criteria may vary from case to case, typically because of the cross referencing of data.

Multiple Criteria Find

Various criteria can be set to achieve a very specific find. For example the find depicted below shows records which relate to the originating party Tim Blane, contain text messages and match a

time where polling location data is available. The Find data shows a Find Summary of SMS, and 309 records located. All the finds add criteria to each other, narrowing the found set as they proceed.
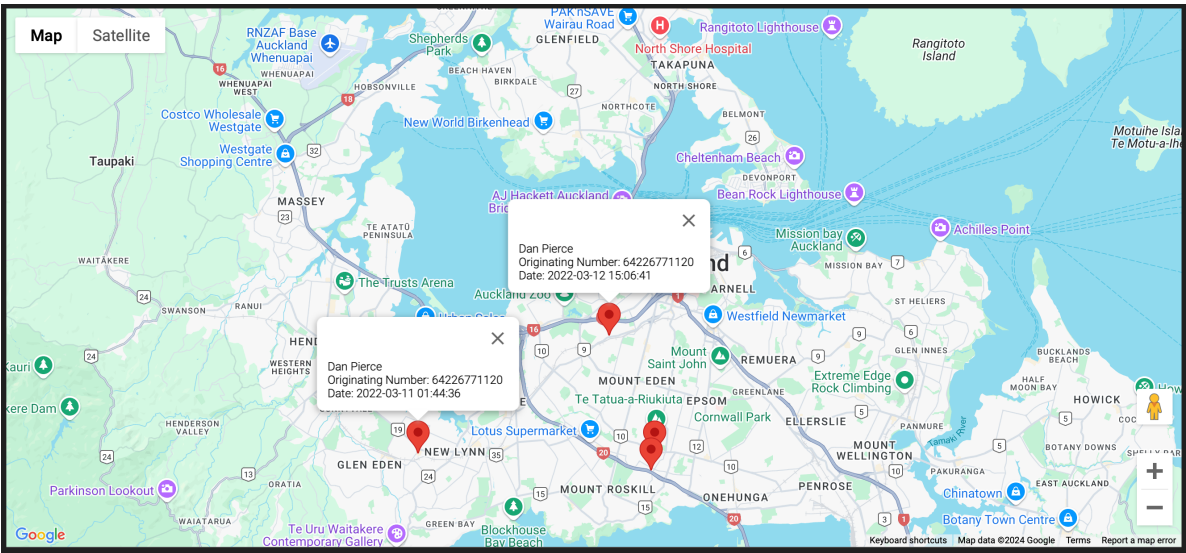

Map Multiple Locations

NetPulse can map multiple locations on a single map by placing a check mark in the Map check box. Each of the mapped points is captioned with the name, number and timestamp.

Multiple mapped points can be selected by clicking on the Map Displayed Locations button as below.

This will select all the records within the currently found set.

To view the mapping results click on the Map button at the top of the layout.

When the mapping is complete, the tags can be removed by clicking on the Clear Map Choice button as below.

AI Requests

NetPulse supports queries against multiple records in the dataset. The responses to these requests are stored within the application, along with the list of the records being queried.
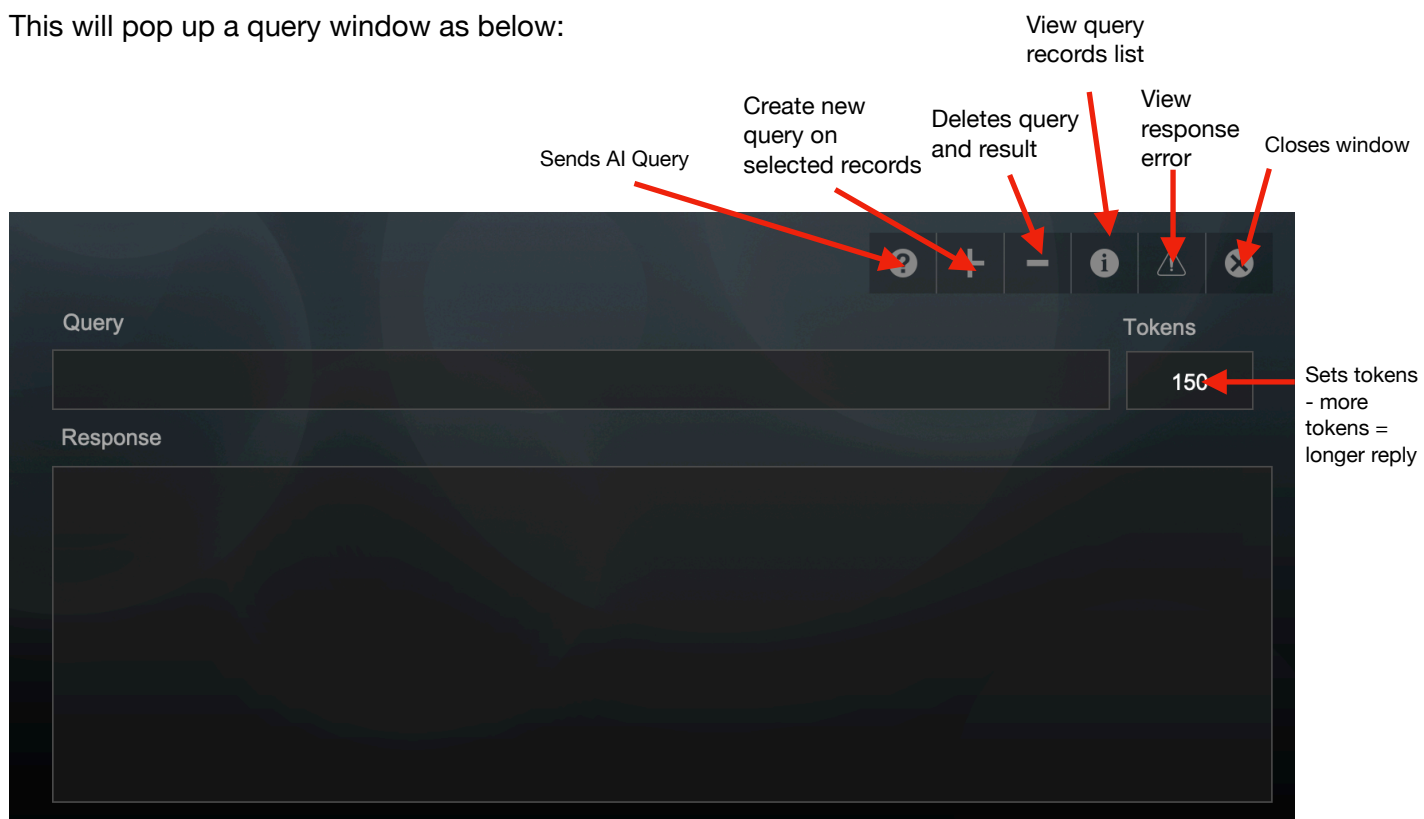
To make an AI request you can select individual files from the existing found set by placing a check in the Tag AI check box. You can also select all the records in the found set by selecting the Select for AI button as below;

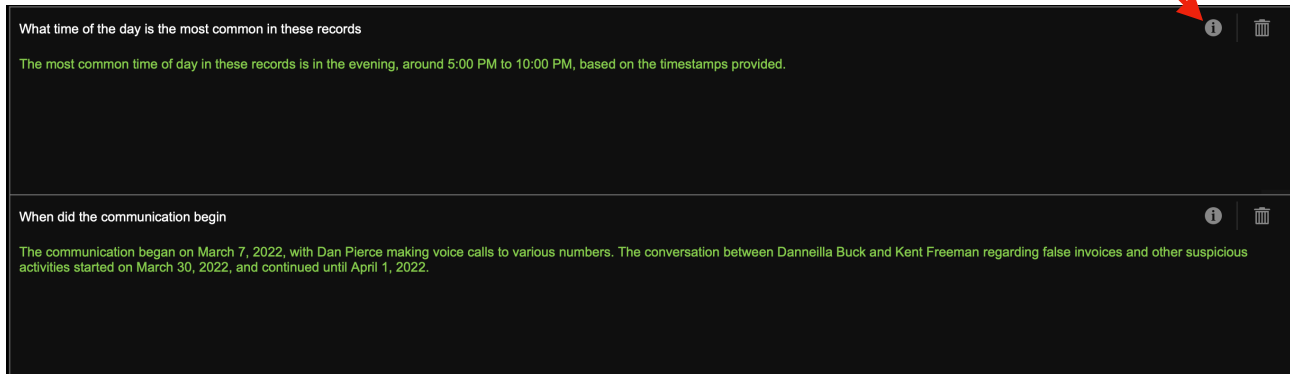When you've selected all the files of interest then select the Query AI as below:

This will pop up a query window as below:

When the query is complete it will be stored in the AI requests section. You can view the queries and results by selecting the AI Requests button at the top of the layout.

Shows records being queried and find criteria

What time of the day is the most common in these records

The most common time of day in these records is in the evening, around 5:00 PM to 10:00 PM, based on the timestamps provided.

When did the communication begin

The communication began on March 7, 2022, with Dan Pierce making voice calls to various numbers. The conversation between Danneilla Buck and Kent Freeman regarding false invoices and other suspicious activities started on March 30, 2022, and continued until April 1, 2022.

Advanced Find

This area is intended to be used by advanced users and utilises the built in software find system. Its use is beyond the scope of a Quick Start document, but individual advice will be given on its use if requested.