Quick Start Guide: Using the MNOA Tool Online

Introduction

The Medication Name Overlap Analyzer (MNOA) is a web-based research tool developed to analyze lists of medication names for character-level ambiguity. This guide provides step-by-step instructions for end-users to access and utilize the live web application. No installation or technical setup is required.

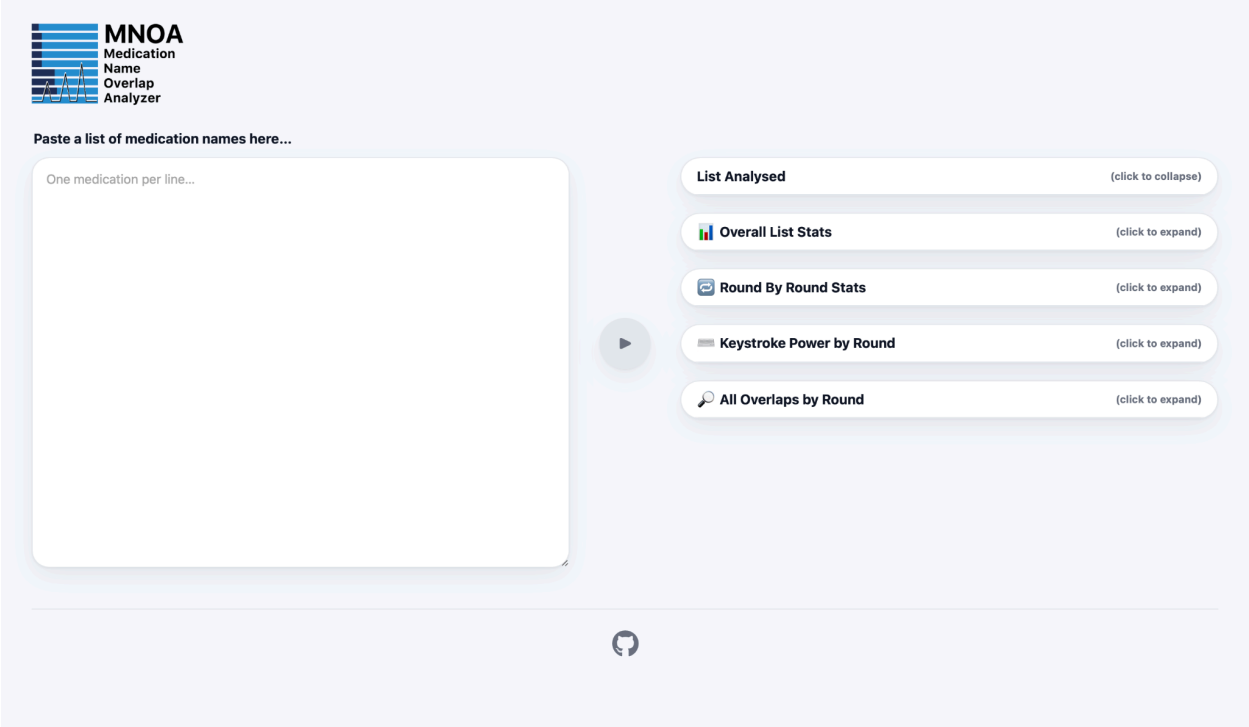
This guide will cover:

- Accessing the live MNOA tool via its web link.
- Preparing and inputting a medication list for analysis.
- Running the analysis.
- Interpreting the primary results.

Step 1: Open the MNOA Website

Open your web browser and go to the following URL:
[https://mnoa-a89d0fe66bed.herokuapp.com/]

The application will load and look like this:



Step 2: Get Your List of Medication Names

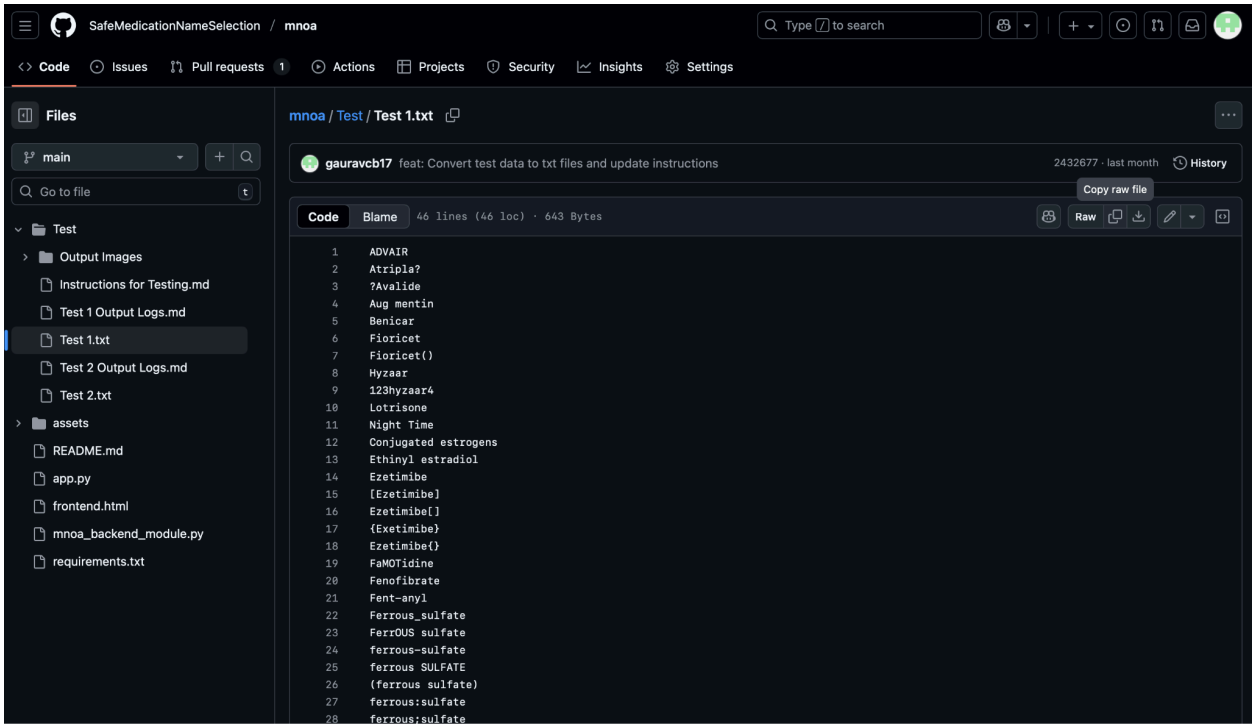
You have two options for getting a list of names to analyze:

Option A: Use Your Own List

1. Prepare your list of medication names (e.g., in a text file, spreadsheet, or document).
2. Select all the names on your list.
3. Copy the selected names to your clipboard (Ctrl+C / Cmd+C).

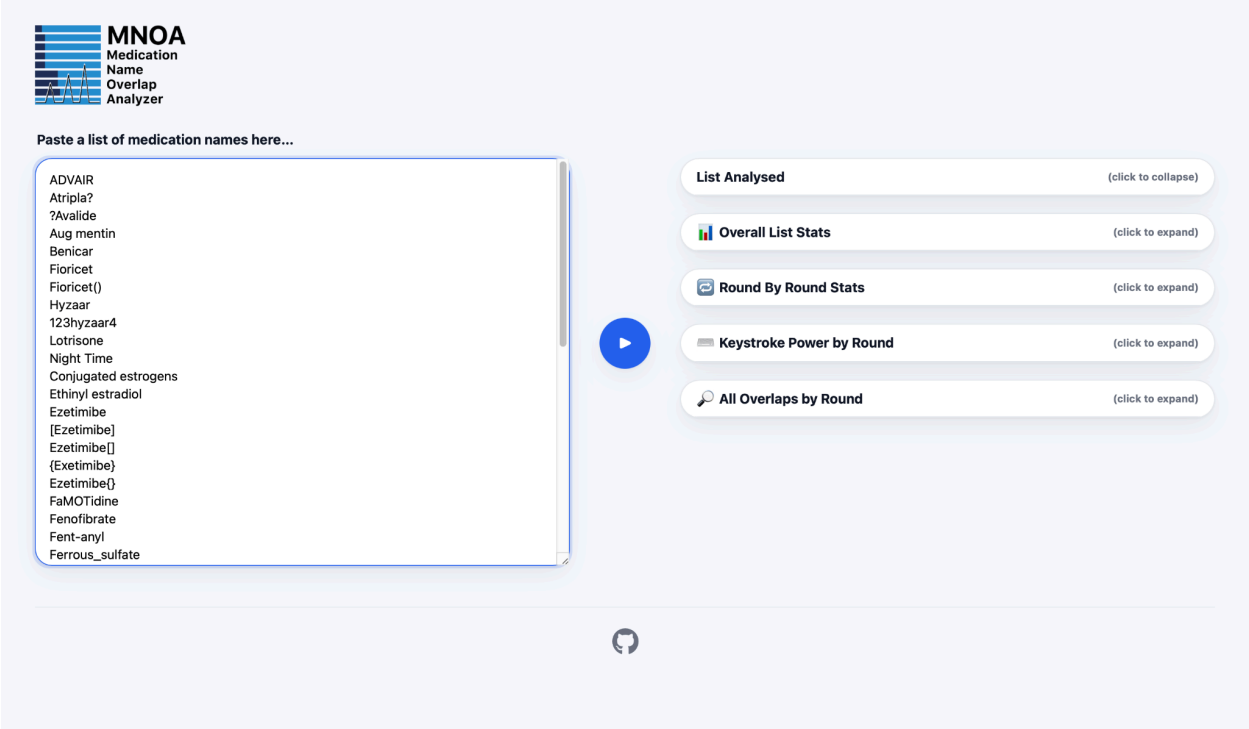
Option B: Use the Provided Test Files from GitHub

1. Go to the project's GitHub repository: https://github.com/SafeMedicationNameSelection/mnoa
2. Click on the Test folder in the file list.
3. Click on either Test 1.txt or Test 2.txt.
4. On the file view page, click the "Copy raw contents" button (it looks like two overlapping squares) located at the top right of the file content area. This copies the entire list to your clipboard.



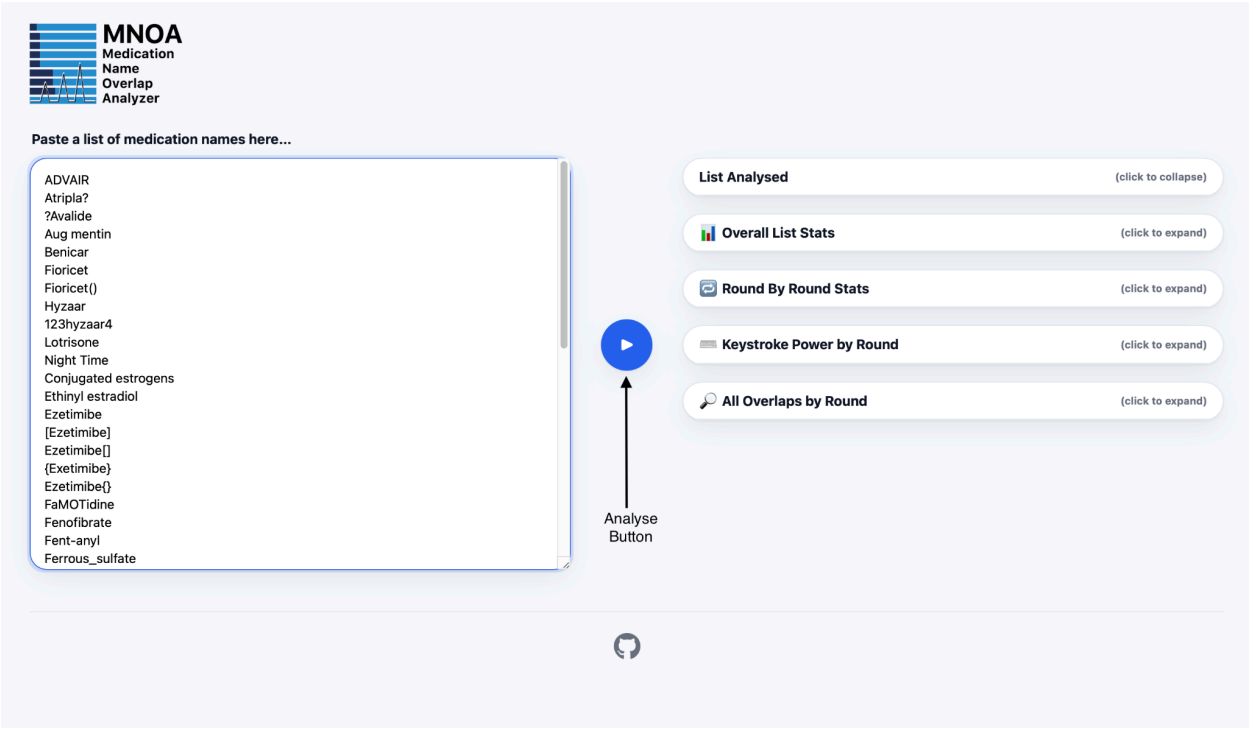
Step 3: Paste Your List into the Tool

Go back to the MNOA website in your browser and paste your copied list directly into the large text box on the left (Ctrl+V / Cmd+V).



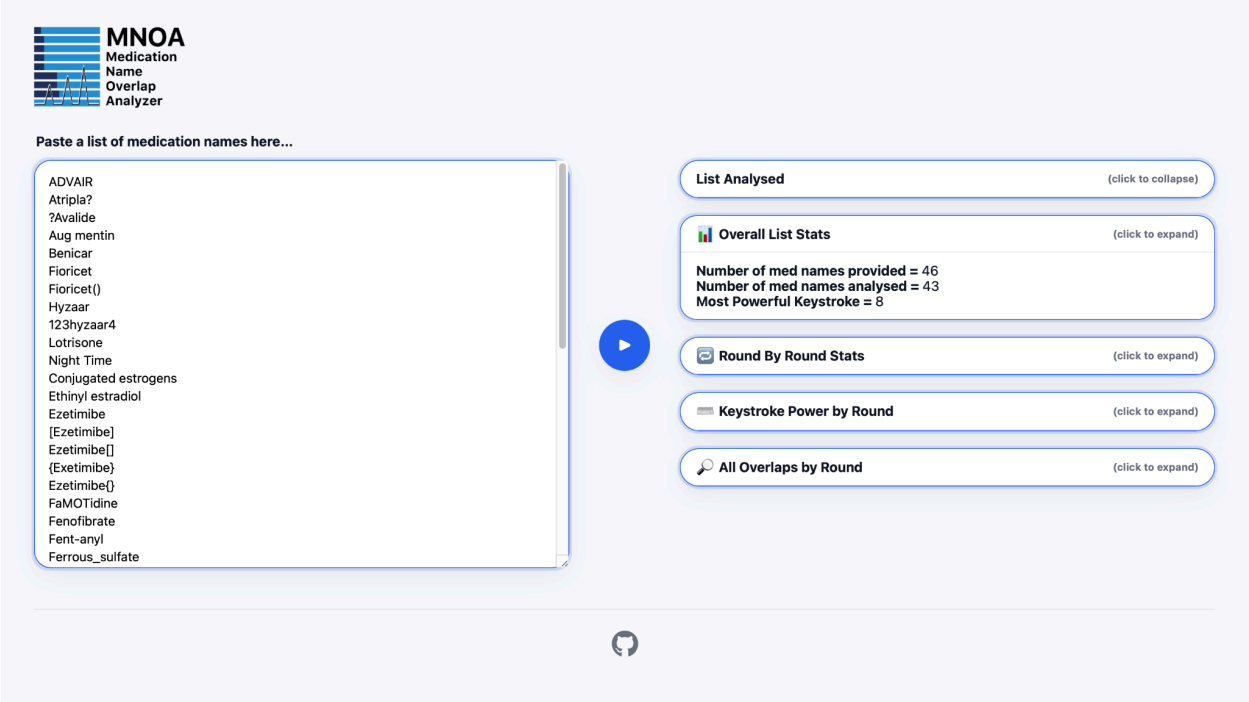
Step 4: Run the Analysis

Click the round blue "Analyze" button (the ▸ symbol) located between the two main panels.



Step 5: View Your Results

The analysis will run instantly. The results will appear in the panels on the right side of the screen. You can click on the different section headers (like "Overall List Stats", "Round By Round Stats") to expand and view the details.



Understanding the Results:

- **List Analysed:** The final, alphabetized list of names. Any medication name from the original input list that included a question mark (?) has been removed.
- **Overall List Stats:** Shows how many names you started with ("Number of med names provided"), how many were in the final list after cleaning ("Number of med names analysed"), and the round number of the "Most Powerful Keystroke."
- **Round-by-Round Stats:** Shows each round of character-length analysis. For every round, you'll see how many names remain unresolved, how many have been resolved so far, and the KP (Keystroke Power) metrics that indicate how much that round contributed.
- **Keystroke Power by Round:** Shows the keystroke power values for each round, including both **KPraw** and **%KP**. KPraw reflects how many overlapping names were resolved in that round, while %KP shows the proportion of the total disambiguation work contributed by that round.
- **All Overlaps by Round:** Displays the prefixes formed at each analysis round and the names mapped to each prefix. This section indicates where overlaps persist and where prefixes resolve into single, distinct names.

That's it! You have successfully used the MNOA tool online to analyze your medication list.