Instructions

- Fill out the specific details for a matter using the bar on the right

- Press submit

- A visual representation will appear in the box next to the input bar

- A text representation will appear in the text box

#The next 3 pages will show you what every button does and how to read the output

Sentence Analysis App

File   Info   How to Use

Input case details using the toolbar on the left then press submit. For more information, use the help tab.

① ② ③

④

PENDING INPUT

Table or Plot

⑤

◉ Table ○ Plot

Date of calculation (today default)

2023-09-16 ▾   ⑥

Est sentence length (months)

1   ⑦

Total pre-sentence custody (days)

0   ⑧

SUBMIT   ⑨

Text Output Below

PENDING INPUT   ⑩

DISCLAIMER   ⑪

UNDER NO CIRCUMSTANCES SHOULD THE CREATOR BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIOAN, SPECIAL OR EXEMPLARY DAMAGES ARISING OUT OF OR IN CONNECTION WITH YOUR ACCESS OR USE OR INABILITY TO ACCESS OR USE THE APPLICATION AND ANY THIRD PARTY CONTENT AND SERVICES, WHETHER OR NOT THE DAMAGES WERE FORESEEABLE AND WHETHER OR NOT THE CREATOR WAS ADVISED OF THE POSSIBILTIY OF SUCH DAMAGES. THE CREATOR ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THE APPLICATION OR USAGE OF THIS PRODUCT. USE AT YOUR OWN RISK.

1) File Menu:
   • Contains Save as PDF
2) Info Menu:
   • About the Author
   • Linked Article RE how this app can be used
3) How to Use Menu:
   • Quickstart guide – fast instructions to get started immediately
   • Linked Article RE how this app can be used

4) Output Box:
   • Will output a table or plot dependingon user selection
   • Details covered on page 2 of guide
5) Table or Plot:
   • Controls the visual output
6) Date of Calculation:
   • By default, looks at today's date up to 1 year in the future
     Can start at an earlier or later date
7) Est Sentence Length:
   • Estimates the length of any sentence/outcome
8) Total PSC:
   • The amount of Pre-Sentence custody at the date of calculation
9) Submit Button:
   • Generates graphs and text based on inputs

10) Text Output:
11) Disclaimer

Sentence Analysis App

File   Info   How to Use

Input case details using the toolbar on the left then press submit. For more information, use the help tab.

	1st-28th	29th	30th	31st
Sep 2023	91	91	91	-
Oct 2023	92	92	92	92
Nov 2023	92	92	91	-
Dec 2023	91	91	91	91
Jan 2024	91	91	91	90
Feb 2024	90	90	-	-
Mar 2024	92	92	92	91
Apr 2024	91	91	91	-
May 2024	92	92	92	92
Jun 2024	92	92	92	-
Jul 2024	92	92	92	92
Aug 2024	92	92	92	91

Table or Plot

◉ Table ○ Plot

Date of calculation (today default)

2023-09-16 ⌄

Est sentence length (months)

3

Total pre-sentence custody (days)

0

SUBMIT

Text Output Below

```
PARAMS: {'tableplot': 'Table', 'dateofcalc': '2023-09-16', 'psc': 0, '
sentence_length': 3}
MAX SENTENCE:92 Days
MIN THEORETICAL SENTENCE:89 Days
MIN SENTENCE IF RIC: 91 Days
On 2023-12-16 pre-sentence custody will = sentence if bail is refused
```

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1) Day of the month
   - Sentences will change slightly depending on the day of sentence. The column header is the day of the month.
2) Month:
   - Starting at the current month, counts forward one year
3) Output Cell:
   - This cell gives you the number of days a 3 month sentence on 30 September 2023
4) Highlighted cell:
   - If the defendant is in custody, any point at or below this means they have spent as much or more time in pre-sentence custody as they would on sentence
   - At this point, if the defendant pleads guilty they get released on time served
5) Text Output
   - This contains the minimum, maximum, minimum achievable if bail is refused and the parameters for the graph
      - This should always be checked. If not, a person can update the parameters and not hit submit, making a graph misleading. The text in PARAMS will tell you what is graphed.

Input case details using the toolbar on the left then press submit. For more information, use the help tab.
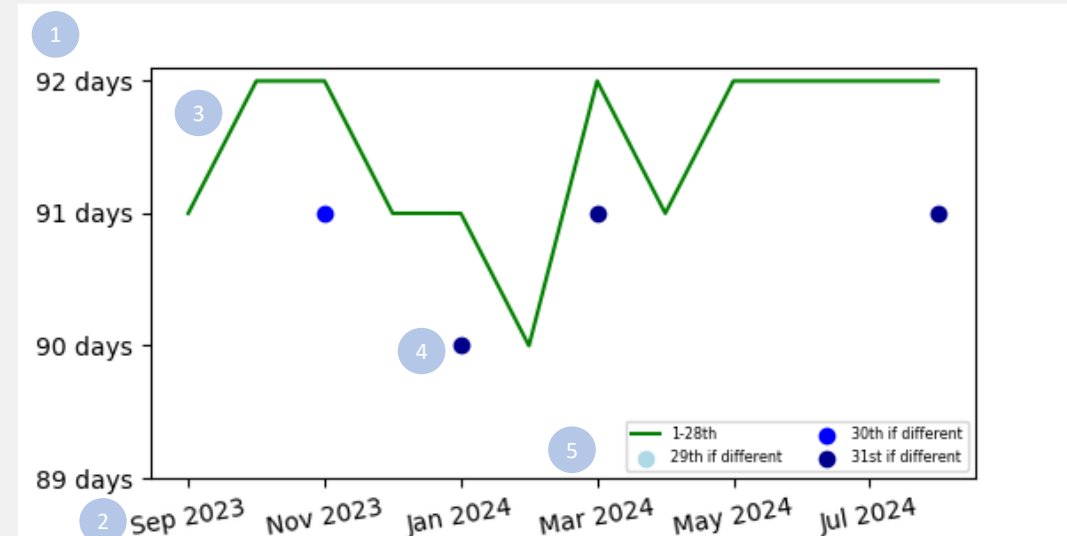

Table or Plot
○ Table ● Plot

Date of calculation (today default)
2023-09-16

Est sentence length (months)
3

Total pre-sentence custody (days)
0

Legend:
— 1-28th
● 29th if different
● 30th if different
● 31st if different

SUBMIT

Text Output Below

```
PARAMS: {'tableplot': 'Plot', 'dateofcalc': '2023-09-16', 'psc': 0, 's
entence_length': 3}
MAX SENTENCE:92 Days
MIN THEORETICAL SENTENCE:89 Days
MIN SENTENCE IF RIC: 91 Days
On 2023-12-16 pre-sentence custody will = sentence if bail is refused
```

DISCLAIMER

1) Length of Sentence
   - A 3 month sentence (as per the paramaters at the bottom and on the right toolbar) is 92-89 days. This is the Y axis of the plot.
2) Month:
   - This is the month we are calculating from (e.g. is a sentence starting in September different to one starting October.
3) Output :
   - This shows the outcome for a matter ordinarily. Sometimes there will be a lower possible outcome on the 29th, 30th or 31st. As such,
      we have a scatterplot to deal with these fringe cases.
4) Output – 29th-31st
   - These are represented by dots. At this date, a sentence or judgement will be different from the same judgement on the 1st-28th.
5) Legend
6) Text Output
   - This contains the minimum, maximum, minimum achievable if bail is refused and the parameters for the graph
      - This should always be checked. If not, a person can update the parameters and not hit submit, making a graph misleading. The text in PARAMS will tell you what is graphed.