

As evident from the profiling results, a significant portion of the runtime was consumed by the `check_for_date` and `deid_date` functions, which extensively utilized `re.finditer` and `re.findall`, known for being time-consuming. Additionally, the print statements accounted for a noticeable fraction of the overall runtime.

Ordered by: internal time

ncalls	tottime	percall	cumtime	percall	filename:lineno(function)
2434	2.374	0.001	3.970	0.002	deid_Nateghi.py:16(check_for_date)
4344	1.456	0.000	1.456	0.000	{built-in method builtins.print}
1	0.296	0.296	4.794	4.794	deid_Nateghi.py:59(deid_date)
70358	0.274	0.000	0.274	0.000	{method 'findall' of '_sre.SRE_Pattern' objects}
70358	0.108	0.000	0.110	0.000	re.py:286(_compile)
70358	0.103	0.000	0.486	0.000	re.py:214(findall)
4606	0.067	0.000	0.104	0.000	{method 'write' of '_io.TextIOWrapper' objects}
70415/70413	0.020	0.000	0.021	0.000	{built-in method builtins.len}
4606	0.019	0.000	0.034	0.000	cp1256.py:18(encode)
269	0.015	0.000	0.015	0.000	{built-in method _codecs.charmap_decode}
4606	0.015	0.000	0.015	0.000	{built-in method _codecs.charmap_encode}
2434	0.010	0.000	0.010	0.000	{method 'finditer' of '_sre.SRE_Pattern' objects}
2434	0.008	0.000	0.008	0.000	{method 'format' of 'str' objects}
6516	0.007	0.000	0.007	0.000	{method 'start' of '_sre.SRE_Match' objects}
2434	0.006	0.000	0.006	0.000	{method 'lower' of 'str' objects}
2434	0.004	0.000	0.004	0.000	{method 'strip' of 'str' objects}
4344	0.003	0.000	0.003	0.000	{method 'end' of '_sre.SRE_Match' objects}
4606	0.003	0.000	0.003	0.000	codecs.py:275(reset)
2172	0.002	0.000	0.002	0.000	{method 'group' of '_sre.SRE_Match' objects}
269	0.001	0.000	0.016	0.000	cp1256.py:22(decode)
2	0.001	0.000	0.001	0.000	{built-in method io.open}
103	0.000	0.000	0.001	0.000	enum.py:803(__and__)
222	0.000	0.000	0.000	0.000	enum.py:517(__new__)
6/2	0.000	0.000	0.001	0.001	sre_compile.py:64(_compile)
222	0.000	0.000	0.001	0.000	enum.py:267(__call__)
4/2	0.000	0.000	0.001	0.000	sre_parse.py:470(_parse)
10/6	0.000	0.000	0.000	0.000	sre_parse.py:173(getwidth)
138	0.000	0.000	0.000	0.000	{built-in method builtins.isinstance}
54	0.000	0.000	0.000	0.000	sre_parse.py:232(__next)
14	0.000	0.000	0.000	0.000	sre_parse.py:342(_escape)
48	0.000	0.000	0.000	0.000	sre_parse.py:171(append)
191	0.000	0.000	0.000	0.000	{method 'append' of 'list' objects}
50	0.000	0.000	0.000	0.000	sre_parse.py:253(get)
1	0.000	0.000	0.000	0.000	enum.py:767(_create_pseudo_member_)
41	0.000	0.000	0.000	0.000	{built-in method _sre.getlower}
2	0.000	0.000	0.002	0.001	sre_compile.py:557(compile)
8	0.000	0.000	0.000	0.000	enum.py:797(__or__)
2	0.000	0.000	0.001	0.000	sre_parse.py:844(parse)
1	0.000	0.000	0.000	0.000	enum.py:839(_decompose)
4/2	0.000	0.000	0.001	0.000	sre_parse.py:407(_parse_sub)
2	0.000	0.000	0.000	0.000	_bootlocale.py:11(getpreferredencoding)
2	0.000	0.000	0.000	0.000	sre_compile.py:482(_compile_info)