

Deidentification Class Python File Similarity Check

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Deidentification Class Python File Similarity Check

Abstract

This lab is for checking similarity between two python files which were created by BMI500 students in the Deidentification Assignment by using Levenshtein, Tensorflow, and STS Benchmark.

Methods

- Before doing all methods, all python files are preprocessed by neglecting stat.py because this file is commonly used by all students.
- Levenshtein
 - Jaro
 - Distance
 - Ration
- Tensorflow
- STS Benchmark

Results

Levenshtein

```
1  Parisa deid.py : Shaojun deid.py
2
3  The similarity results tested by Levenshtein are following:
4  jaro: 1.0
5  distance: 0
6  ratio: 1.0
7
8  Parisa deid.py : Shaojun deid-Shaojun Yu.py
9
10 The similarity results tested by Levenshtein are following:
```

```
11 jaro: 0.6622267258095486
12 distance: 6217
13 ratio: 0.49563492063492065
14
15 Parisa deid.py : FeverDreams deid.py
16
17 The similarity results tested by Levenshtein are following:
18 jaro: 0.6684480457968126
19 distance: 5400
20 ratio: 0.6632829908393166
21
22 Parisa deid.py : FeverDreams deid_phone.py
23
24 The similarity results tested by Levenshtein are following:
25 jaro: 0.822566622827735
26 distance: 261
27 ratio: 0.9741347227391143
28
29 Parisa deid.py : Itoshikihiro deid-Jie.py
30
31 The similarity results tested by Levenshtein are following:
32 jaro: 1.0
33 distance: 0
34 ratio: 1.0
35
36 Parisa deid.py : Itoshikihiro deid.py
37
38 The similarity results tested by Levenshtein are following:
39 jaro: 1.0
40 distance: 0
41 ratio: 1.0
42
43 Parisa deid.py : Itoshikihiro deid-date-Jie.py
44
45 The similarity results tested by Levenshtein are following:
46 jaro: 0.6557711323609124
47 distance: 2317
48 ratio: 0.6839400428265524
49
50 Parisa deid.py : Itoshikihiro deid-name-Jie.py
51
52 The similarity results tested by Levenshtein are following:
53 jaro: 0.7251300664288114
54 distance: 2450
55 ratio: 0.6850410722006053
56
57 Parisa deid.py : Nasim de-id-location.py
58
59 The similarity results tested by Levenshtein are following:
60 jaro: 0.7288723120536037
61 distance: 3611
62 ratio: 0.6504225995583645
63
```

```
64 Parisa deid.py : Nasim deid.py
65
66 The similarity results tested by Levenshtein are following:
67 jaro: 1.0
68 distance: 0
69 ratio: 1.0
70
71 Parisa deid.py : Nasim de-id-date.py
72
73 The similarity results tested by Levenshtein are following:
74 jaro: 0.7532462007044755
75 distance: 2080
76 ratio: 0.8198847262247838
77
78 Parisa deid.py : Nasim de-id-age.py
79
80 The similarity results tested by Levenshtein are following:
81 jaro: 0.779738456966431
82 distance: 2053
83 ratio: 0.7371695178849145
84
85 Parisa deid.py : Andre deid-Andre_Holder.py
86
87 The similarity results tested by Levenshtein are following:
88 jaro: 0.7873682872182086
89 distance: 1287
90 ratio: 0.8806998939554613
91
92 Parisa deid.py : Mahmoud deid_ssn_mahmoud.py
93
94 The similarity results tested by Levenshtein are following:
95 jaro: 0.8231258743340041
96 distance: 211
97 ratio: 0.9756950837783097
98
99 Parisa deid.py : Mahmoud deid_date_mahmoud.py
100
101 The similarity results tested by Levenshtein are following:
102 jaro: 0.7991964384755024
103 distance: 702
104 ratio: 0.9272179918540818
105
106 Parisa deid.py : Mahmoud deid_age_mahmoud.py
107
108 The similarity results tested by Levenshtein are following:
109 jaro: 0.8142641234970611
110 distance: 427
111 ratio: 0.950575859254557
112
113 Parisa deid.py : ChenLin deid-ChenLin.py
114
115 The similarity results tested by Levenshtein are following:
116 jaro: 0.5947612031278235
```

```
117 distance: 14970
118 ratio: 0.41918212151780865
119
120 Parisa deid.py : ChenLin deid.py
121
122 The similarity results tested by Levenshtein are following:
123 jaro: 1.0
124 distance: 0
125 ratio: 1.0
126
127 Parisa deid_Date_Parisa.py : Shaojun deid.py
128
129 The similarity results tested by Levenshtein are following:
130 jaro: 0.7322073315167268
131 distance: 2398
132 ratio: 0.8149387693009812
133
134 Parisa deid_Date_Parisa.py : Shaojun deid-Shaojun Yu.py
135
136 The similarity results tested by Levenshtein are following:
137 jaro: 0.7237631068216985
138 distance: 6303
139 ratio: 0.49515287099179717
140
141 Parisa deid_Date_Parisa.py : FeverDreams deid.py
142
143 The similarity results tested by Levenshtein are following:
144 jaro: 0.7367499790096219
145 distance: 5355
146 ratio: 0.6577508257079431
147
148 Parisa deid_Date_Parisa.py : FeverDreams deid_phone.py
149
150 The similarity results tested by Levenshtein are following:
151 jaro: 0.7272623539456684
152 distance: 2638
153 ratio: 0.7939667713038818
154
155 Parisa deid_Date_Parisa.py : Itoshikihiro deid-Jie.py
156
157 The similarity results tested by Levenshtein are following:
158 jaro: 0.7322073315167268
159 distance: 2398
160 ratio: 0.8149387693009812
161
162 Parisa deid_Date_Parisa.py : Itoshikihiro deid.py
163
164 The similarity results tested by Levenshtein are following:
165 jaro: 0.7322073315167268
166 distance: 2398
167 ratio: 0.8149387693009812
168
169 Parisa deid_Date_Parisa.py : Itoshikihiro deid-date-Jie.py
```

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170
171 The similarity results tested by Levenshtein are following:
172 jaro: 0.5837053487892885
173 distance: 4556
174 ratio: 0.5521324980691668
175
176 Parisa deid_Date_Parisa.py : Itoshikihiro deid-name-Jie.py
177
178 The similarity results tested by Levenshtein are following:
179 jaro: 0.6426224800866115
180 distance: 4406
181 ratio: 0.5817552961521834
182
183 Parisa deid_Date_Parisa.py : Nasim de-id-location.py
184
185 The similarity results tested by Levenshtein are following:
186 jaro: 0.7612652290570937
187 distance: 3969
188 ratio: 0.6266994691182183
189
190 Parisa deid_Date_Parisa.py : Nasim deid.py
191
192 The similarity results tested by Levenshtein are following:
193 jaro: 0.7322073315167268
194 distance: 2398
195 ratio: 0.8149387693009812
196
197 Parisa deid_Date_Parisa.py : Nasim de-id-date.py
198
199 The similarity results tested by Levenshtein are following:
200 jaro: 0.7908737317285306
201 distance: 2574
202 ratio: 0.7787909490037149
203
204 Parisa deid_Date_Parisa.py : Nasim de-id-age.py
205
206 The similarity results tested by Levenshtein are following:
207 jaro: 0.7140789999533025
208 distance: 3698
209 ratio: 0.6609785563273936
210
211 Parisa deid_Date_Parisa.py : Andre deid-Andre_Holder.py
212
213 The similarity results tested by Levenshtein are following:
214 jaro: 0.7089230082292618
215 distance: 2789
216 ratio: 0.7516325482427177
217
218 Parisa deid_Date_Parisa.py : Mahmoud deid_ssn_mahmoud.py
219
220 The similarity results tested by Levenshtein are following:
221 jaro: 0.7342713019060986
222 distance: 2394
```

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223 ratio: 0.8124478178368122
224
225 Parisa deid_Date_Parisa.py : Mahmoud deid_date_mahmoud.py
226
227 The similarity results tested by Levenshtein are following:
228 jaro: 0.7271487077544735
229 distance: 2429
230 ratio: 0.7919453222606012
231
232 Parisa deid_Date_Parisa.py : Mahmoud deid_age_mahmoud.py
233
234 The similarity results tested by Levenshtein are following:
235 jaro: 0.7362675054664228
236 distance: 2394
237 ratio: 0.8026986506746626
238
239 Parisa deid_Date_Parisa.py : ChenLin deid-ChenLin.py
240
241 The similarity results tested by Levenshtein are following:
242 jaro: 0.623545294976766
243 distance: 14776
244 ratio: 0.43521914052764626
245
246 Parisa deid_Date_Parisa.py : ChenLin deid.py
247
248 The similarity results tested by Levenshtein are following:
249 jaro: 0.7322073315167268
250 distance: 2398
251 ratio: 0.8149387693009812
252
253 Parisa deid_Age_Parisa.py : Shaojun deid.py
254
255 The similarity results tested by Levenshtein are following:
256 jaro: 0.7243258176235227
257 distance: 2638
258 ratio: 0.796168811733014
259
260 Parisa deid_Age_Parisa.py : Shaojun deid-Shaojun Yu.py
261
262 The similarity results tested by Levenshtein are following:
263 jaro: 0.7420013817826021
264 distance: 6248
265 ratio: 0.501756373937677
266
267 Parisa deid_Age_Parisa.py : FeverDreams deid.py
268
269 The similarity results tested by Levenshtein are following:
270 jaro: 0.7389892685200682
271 distance: 5165
272 ratio: 0.6595311998287487
273
274 Parisa deid_Age_Parisa.py : FeverDreams deid_phone.py
275
```

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276 The similarity results tested by Levenshtein are following:
277 jaro: 0.7195949762116066
278 distance: 2877
279 ratio: 0.775116734447959
280
281 Parisa deid_Age_Parisa.py : Itoshikihiro deid-Jie.py
282
283 The similarity results tested by Levenshtein are following:
284 jaro: 0.7243258176235227
285 distance: 2638
286 ratio: 0.796168811733014
287
288 Parisa deid_Age_Parisa.py : Itoshikihiro deid.py
289
290 The similarity results tested by Levenshtein are following:
291 jaro: 0.7243258176235227
292 distance: 2638
293 ratio: 0.796168811733014
294
295 Parisa deid_Age_Parisa.py : Itoshikihiro deid-date-Jie.py
296
297 The similarity results tested by Levenshtein are following:
298 jaro: 0.5723869285370724
299 distance: 4791
300 ratio: 0.535804549283909
301
302 Parisa deid_Age_Parisa.py : Itoshikihiro deid-name-Jie.py
303
304 The similarity results tested by Levenshtein are following:
305 jaro: 0.6343294942401324
306 distance: 4631
307 ratio: 0.5693430656934306
308
309 Parisa deid_Age_Parisa.py : Nasim de-id-location.py
310
311 The similarity results tested by Levenshtein are following:
312 jaro: 0.7590299153664958
313 distance: 3979
314 ratio: 0.6337227861840005
315
316 Parisa deid_Age_Parisa.py : Nasim deid.py
317
318 The similarity results tested by Levenshtein are following:
319 jaro: 0.7243258176235227
320 distance: 2638
321 ratio: 0.796168811733014
322
323 Parisa deid_Age_Parisa.py : Nasim de-id-date.py
324
325 The similarity results tested by Levenshtein are following:
326 jaro: 0.7832572893510522
327 distance: 2708
328 ratio: 0.7639462122220743
```

```
329
330 Parisa deid_Age_Parisa.py : Nasim de-id-age.py
331
332 The similarity results tested by Levenshtein are following:
333 jaro: 0.7116282243114193
334 distance: 3868
335 ratio: 0.657752024366689
336
337 Parisa deid_Age_Parisa.py : Andre deid-Andre_Holder.py
338
339 The similarity results tested by Levenshtein are following:
340 jaro: 0.7016318793130444
341 distance: 3015
342 ratio: 0.7350859453993933
343
344 Parisa deid_Age_Parisa.py : Mahmoud deid_ssn_mahmoud.py
345
346 The similarity results tested by Levenshtein are following:
347 jaro: 0.7272199841071779
348 distance: 2629
349 ratio: 0.7955495818399044
350
351 Parisa deid_Age_Parisa.py : Mahmoud deid_date_mahmoud.py
352
353 The similarity results tested by Levenshtein are following:
354 jaro: 0.7194463696118539
355 distance: 2639
356 ratio: 0.7779224537037037
357
358 Parisa deid_Age_Parisa.py : Mahmoud deid_age_mahmoud.py
359
360 The similarity results tested by Levenshtein are following:
361 jaro: 0.7291634696614113
362 distance: 2600
363 ratio: 0.7920631408128642
364
365 Parisa deid_Age_Parisa.py : ChenLin deid-ChenLin.py
366
367 The similarity results tested by Levenshtein are following:
368 jaro: 0.6245976809757386
369 distance: 14610
370 ratio: 0.44601469756924816
371
372 Parisa deid_Age_Parisa.py : ChenLin deid.py
373
374 The similarity results tested by Levenshtein are following:
375 jaro: 0.7243258176235227
376 distance: 2638
377 ratio: 0.796168811733014
378
379 Parisa deid_Location_Parisa.py : Shaojun deid.py
380
381 The similarity results tested by Levenshtein are following:
```



```
382 jaro: 0.6437365646226846
383 distance: 5972
384 ratio: 0.6351456893962151
385
386 Parisa deid_Location_Parisa.py : Shaojun deid-Shaojun Yu.py
387
388 The similarity results tested by Levenshtein are following:
389 jaro: 0.7234994300222922
390 distance: 7455
391 ratio: 0.4926663800105107
392
393 Parisa deid_Location_Parisa.py : FeverDreams deid.py
394
395 The similarity results tested by Levenshtein are following:
396 jaro: 0.7655451703892462
397 distance: 6373
398 ratio: 0.6265762279783311
399
400 Parisa deid_Location_Parisa.py : FeverDreams deid_phone.py
401
402 The similarity results tested by Levenshtein are following:
403 jaro: 0.6401688216903018
404 distance: 6187
405 ratio: 0.6181532701250075
406
407 Parisa deid_Location_Parisa.py : Itoshikihiro deid-Jie.py
408
409 The similarity results tested by Levenshtein are following:
410 jaro: 0.6437365646226846
411 distance: 5972
412 ratio: 0.6351456893962151
413
414 Parisa deid_Location_Parisa.py : Itoshikihiro deid.py
415
416 The similarity results tested by Levenshtein are following:
417 jaro: 0.6437365646226846
418 distance: 5972
419 ratio: 0.6351456893962151
420
421 Parisa deid_Location_Parisa.py : Itoshikihiro deid-date-Jie.py
422
423 The similarity results tested by Levenshtein are following:
424 jaro: 0.5295364901509254
425 distance: 8121
426 ratio: 0.41594614216883374
427
428 Parisa deid_Location_Parisa.py : Itoshikihiro deid-name-Jie.py
429
430 The similarity results tested by Levenshtein are following:
431 jaro: 0.5901775270985143
432 distance: 7886
433 ratio: 0.4509061939852619
434
```

```
435 Parisa deid_Location_Parisa.py : Nasim de-id-location.py
436
437 The similarity results tested by Levenshtein are following:
438 jaro: 0.6984485606975257
439 distance: 6280
440 ratio: 0.579075168918919
441
442 Parisa deid_Location_Parisa.py : Nasim deid.py
443
444 The similarity results tested by Levenshtein are following:
445 jaro: 0.6437365646226846
446 distance: 5972
447 ratio: 0.6351456893962151
448
449 Parisa deid_Location_Parisa.py : Nasim de-id-date.py
450
451 The similarity results tested by Levenshtein are following:
452 jaro: 0.6950032392233699
453 distance: 5486
454 ratio: 0.6526798885428619
455
456 Parisa deid_Location_Parisa.py : Nasim de-id-age.py
457
458 The similarity results tested by Levenshtein are following:
459 jaro: 0.6430648750237822
460 distance: 6834
461 ratio: 0.5479632063074902
462
463 Parisa deid_Location_Parisa.py : Andre deid-Andre_Holder.py
464
465 The similarity results tested by Levenshtein are following:
466 jaro: 0.6186117818786692
467 distance: 6213
468 ratio: 0.5934489402697495
469
470 Parisa deid_Location_Parisa.py : Mahmoud deid_ssn_mahmoud.py
471
472 The similarity results tested by Levenshtein are following:
473 jaro: 0.647447643781852
474 distance: 5960
475 ratio: 0.6351586397169076
476
477 Parisa deid_Location_Parisa.py : Mahmoud deid_date_mahmoud.py
478
479 The similarity results tested by Levenshtein are following:
480 jaro: 0.6349372362754272
481 distance: 5903
482 ratio: 0.625431160479392
483
484 Parisa deid_Location_Parisa.py : Mahmoud deid_age_mahmoud.py
485
486 The similarity results tested by Levenshtein are following:
487 jaro: 0.6470411874713099
```

```
488 distance: 5921
489 ratio: 0.6335669319396603
490
491 Parisa deid_Location_Parisa.py : ChenLin deid-ChenLin.py
492
493 The similarity results tested by Levenshtein are following:
494 jaro: 0.6639069664685247
495 distance: 13990
496 ratio: 0.46123159727718854
497
498 Parisa deid_Location_Parisa.py : ChenLin deid.py
499
500 The similarity results tested by Levenshtein are following:
501 jaro: 0.6437365646226846
502 distance: 5972
503 ratio: 0.6351456893962151
504
505 Shaojun deid.py : FeverDreams deid.py
506
507 The similarity results tested by Levenshtein are following:
508 jaro: 0.6684480457968126
509 distance: 5400
510 ratio: 0.6632829908393166
511
512 Shaojun deid.py : FeverDreams deid_phone.py
513
514 The similarity results tested by Levenshtein are following:
515 jaro: 0.822566622827735
516 distance: 261
517 ratio: 0.9741347227391143
518
519 Shaojun deid.py : Itoshikihiro deid-Jie.py
520
521 The similarity results tested by Levenshtein are following:
522 jaro: 1.0
523 distance: 0
524 ratio: 1.0
525
526 Shaojun deid.py : Itoshikihiro deid.py
527
528 The similarity results tested by Levenshtein are following:
529 jaro: 1.0
530 distance: 0
531 ratio: 1.0
532
533 Shaojun deid.py : Itoshikihiro deid-date-Jie.py
534
535 The similarity results tested by Levenshtein are following:
536 jaro: 0.6557711323609124
537 distance: 2317
538 ratio: 0.6839400428265524
539
540 Shaojun deid.py : Itoshikihiro deid-name-Jie.py
```

```
541
542 The similarity results tested by Levenshtein are following:
543 jaro: 0.7251300664288114
544 distance: 2450
545 ratio: 0.6850410722006053
546
547 Shaojun deid.py : Nasim de-id-location.py
548
549 The similarity results tested by Levenshtein are following:
550 jaro: 0.7288723120536037
551 distance: 3611
552 ratio: 0.6504225995583645
553
554 Shaojun deid.py : Nasim deid.py
555
556 The similarity results tested by Levenshtein are following:
557 jaro: 1.0
558 distance: 0
559 ratio: 1.0
560
561 Shaojun deid.py : Nasim de-id-date.py
562
563 The similarity results tested by Levenshtein are following:
564 jaro: 0.7532462007044755
565 distance: 2080
566 ratio: 0.8198847262247838
567
568 Shaojun deid.py : Nasim de-id-age.py
569
570 The similarity results tested by Levenshtein are following:
571 jaro: 0.779738456966431
572 distance: 2053
573 ratio: 0.7371695178849145
574
575 Shaojun deid.py : Andre deid-Andre_Holder.py
576
577 The similarity results tested by Levenshtein are following:
578 jaro: 0.7873682872182086
579 distance: 1287
580 ratio: 0.8806998939554613
581
582 Shaojun deid.py : Mahmoud deid_ssn_mahmoud.py
583
584 The similarity results tested by Levenshtein are following:
585 jaro: 0.8231258743340041
586 distance: 211
587 ratio: 0.9756950837783097
588
589 Shaojun deid.py : Mahmoud deid_date_mahmoud.py
590
591 The similarity results tested by Levenshtein are following:
592 jaro: 0.7991964384755024
593 distance: 702
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594 ratio: 0.9272179918540818
595
596 Shaojun deid.py : Mahmoud deid_age_mahmoud.py
597
598 The similarity results tested by Levenshtein are following:
599 jaro: 0.8142641234970611
600 distance: 427
601 ratio: 0.950575859254557
602
603 Shaojun deid.py : ChenLin deid-ChenLin.py
604
605 The similarity results tested by Levenshtein are following:
606 jaro: 0.5947612031278235
607 distance: 14970
608 ratio: 0.41918212151780865
609
610 Shaojun deid.py : ChenLin deid.py
611
612 The similarity results tested by Levenshtein are following:
613 jaro: 1.0
614 distance: 0
615 ratio: 1.0
616
617 Shaojun deid-Shaojun Yu.py : FeverDreams deid.py
618
619 The similarity results tested by Levenshtein are following:
620 jaro: 0.7124344572682443
621 distance: 7468
622 ratio: 0.4725565013208101
623
624 Shaojun deid-Shaojun Yu.py : FeverDreams deid_phone.py
625
626 The similarity results tested by Levenshtein are following:
627 jaro: 0.6567340587947946
628 distance: 6251
629 ratio: 0.4920846082213649
630
631 Shaojun deid-Shaojun Yu.py : Itoshikihiro deid-Jie.py
632
633 The similarity results tested by Levenshtein are following:
634 jaro: 0.6622267258095486
635 distance: 6217
636 ratio: 0.49563492063492065
637
638 Shaojun deid-Shaojun Yu.py : Itoshikihiro deid.py
639
640 The similarity results tested by Levenshtein are following:
641 jaro: 0.6622267258095486
642 distance: 6217
643 ratio: 0.49563492063492065
644
645 Shaojun deid-Shaojun Yu.py : Itoshikihiro deid-date-Jie.py
646

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647 The similarity results tested by Levenshtein are following:
648 jaro: 0.5727770920659783
649 distance: 6961
650 ratio: 0.41611624834874505
651
652 Shaojun deid-Shaojun Yu.py : Itoshikihiro deid-name-Jie.py
653
654 The similarity results tested by Levenshtein are following:
655 jaro: 0.6137336138928172
656 distance: 6695
657 ratio: 0.45797015807357067
658
659 Shaojun deid-Shaojun Yu.py : Nasim de-id-location.py
660
661 The similarity results tested by Levenshtein are following:
662 jaro: 0.7306528551812068
663 distance: 6176
664 ratio: 0.49520638383374477
665
666 Shaojun deid-Shaojun Yu.py : Nasim deid.py
667
668 The similarity results tested by Levenshtein are following:
669 jaro: 0.6622267258095486
670 distance: 6217
671 ratio: 0.49563492063492065
672
673 Shaojun deid-Shaojun Yu.py : Nasim de-id-date.py
674
675 The similarity results tested by Levenshtein are following:
676 jaro: 0.7248433566644152
677 distance: 6140
678 ratio: 0.5056621766599118
679
680 Shaojun deid-Shaojun Yu.py : Nasim de-id-age.py
681
682 The similarity results tested by Levenshtein are following:
683 jaro: 0.676308203734497
684 distance: 6059
685 ratio: 0.5121903134652034
686
687 Shaojun deid-Shaojun Yu.py : Andre deid-Andre_Holder.py
688
689 The similarity results tested by Levenshtein are following:
690 jaro: 0.660990082325941
691 distance: 6312
692 ratio: 0.47660556338930904
693
694 Shaojun deid-Shaojun Yu.py : Mahmoud deid_ssn_mahmoud.py
695
696 The similarity results tested by Levenshtein are following:
697 jaro: 0.6646610308045853
698 distance: 6233
699 ratio: 0.49471877475574333
```

700
701 Shaojun deid-Shaojun Yu.py : Mahmoud deid_date_mahmoud.py
702
703 The similarity results tested by Levenshtein are following:
704 jaro: 0.6736615772550122
705 distance: 6318
706 ratio: 0.48292682926829267
707
708 Shaojun deid-Shaojun Yu.py : Mahmoud deid_age_mahmoud.py
709
710 The similarity results tested by Levenshtein are following:
711 jaro: 0.6694987258141047
712 distance: 6264
713 ratio: 0.49030235747404166
714
715 Shaojun deid-Shaojun Yu.py : ChenLin deid-ChenLin.py
716
717 The similarity results tested by Levenshtein are following:
718 jaro: 0.6073715186342309
719 distance: 14620
720 ratio: 0.4179640718562874
721
722 Shaojun deid-Shaojun Yu.py : ChenLin deid.py
723
724 The similarity results tested by Levenshtein are following:
725 jaro: 0.6622267258095486
726 distance: 6217
727 ratio: 0.49563492063492065
728
729 FeverDreams deid.py : Itoshikihiro deid-Jie.py
730
731 The similarity results tested by Levenshtein are following:
732 jaro: 0.6684480457968126
733 distance: 5400
734 ratio: 0.6632829908393166
735
736 FeverDreams deid.py : Itoshikihiro deid.py
737
738 The similarity results tested by Levenshtein are following:
739 jaro: 0.6684480457968126
740 distance: 5400
741 ratio: 0.6632829908393166
742
743 FeverDreams deid.py : Itoshikihiro deid-date-Jie.py
744
745 The similarity results tested by Levenshtein are following:
746 jaro: 0.609015309758357
747 distance: 7108
748 ratio: 0.5066157413722548
749
750 FeverDreams deid.py : Itoshikihiro deid-name-Jie.py
751
752 The similarity results tested by Levenshtein are following:

```
753 jaro: 0.605252252532336
754 distance: 7667
755 ratio: 0.44119665157129134
756
757 FeverDreams deid.py : Nasim de-id-location.py
758
759 The similarity results tested by Levenshtein are following:
760 jaro: 0.7000749155711296
761 distance: 6385
762 ratio: 0.5432674072067191
763
764 FeverDreams deid.py : Nasim deid.py
765
766 The similarity results tested by Levenshtein are following:
767 jaro: 0.6684480457968126
768 distance: 5400
769 ratio: 0.6632829908393166
770
771 FeverDreams deid.py : Nasim de-id-date.py
772
773 The similarity results tested by Levenshtein are following:
774 jaro: 0.7144974163880845
775 distance: 5406
776 ratio: 0.6406197372852812
777
778 FeverDreams deid.py : Nasim de-id-age.py
779
780 The similarity results tested by Levenshtein are following:
781 jaro: 0.6466321019112898
782 distance: 6771
783 ratio: 0.5293791915338707
784
785 FeverDreams deid.py : Andre deid-Andre_Holder.py
786
787 The similarity results tested by Levenshtein are following:
788 jaro: 0.6590157499549273
789 distance: 6048
790 ratio: 0.6147373482389711
791
792 FeverDreams deid.py : Mahmoud deid_ssn_mahmoud.py
793
794 The similarity results tested by Levenshtein are following:
795 jaro: 0.6691917126632388
796 distance: 5475
797 ratio: 0.6543499752842313
798
799 FeverDreams deid.py : Mahmoud deid_date_mahmoud.py
800
801 The similarity results tested by Levenshtein are following:
802 jaro: 0.6729055762370497
803 distance: 5565
804 ratio: 0.6462445835339432
805
```



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806 FeverDreams deid.py : Mahmoud deid_age_mahmoud.py
807
808 The similarity results tested by Levenshtein are following:
809 jaro: 0.6728284776142273
810 distance: 5506
811 ratio: 0.6462780598201725
812
813 FeverDreams deid.py : ChenLin deid-ChenLin.py
814
815 The similarity results tested by Levenshtein are following:
816 jaro: 0.6602505669234963
817 distance: 11383
818 ratio: 0.6153202984306663
819
820 FeverDreams deid.py : ChenLin deid.py
821
822 The similarity results tested by Levenshtein are following:
823 jaro: 0.6684480457968126
824 distance: 5400
825 ratio: 0.6632829908393166
826
827 FeverDreams deid_phone.py : Itoshikihiro deid-Jie.py
828
829 The similarity results tested by Levenshtein are following:
830 jaro: 0.822566622827735
831 distance: 261
832 ratio: 0.9741347227391143
833
834 FeverDreams deid_phone.py : Itoshikihiro deid.py
835
836 The similarity results tested by Levenshtein are following:
837 jaro: 0.822566622827735
838 distance: 261
839 ratio: 0.9741347227391143
840
841 FeverDreams deid_phone.py : Itoshikihiro deid-date-Jie.py
842
843 The similarity results tested by Levenshtein are following:
844 jaro: 0.6593279276576074
845 distance: 2496
846 ratio: 0.6576615517614005
847
848 FeverDreams deid_phone.py : Itoshikihiro deid-name-Jie.py
849
850 The similarity results tested by Levenshtein are following:
851 jaro: 0.72880103895691
852 distance: 2485
853 ratio: 0.6757582369626882
854
855 FeverDreams deid_phone.py : Nasim de-id-location.py
856
857 The similarity results tested by Levenshtein are following:
858 jaro: 0.7244322067261076
```

859 distance: 3781
860 ratio: 0.6330957308193454
861
862 FeverDreams deid_phone.py : Nasim deid.py
863
864 The similarity results tested by Levenshtein are following:
865 jaro: 0.822566622827735
866 distance: 261
867 ratio: 0.9741347227391143
868
869 FeverDreams deid_phone.py : Nasim de-id-date.py
870
871 The similarity results tested by Levenshtein are following:
872 jaro: 0.7477074996913037
873 distance: 2270
874 ratio: 0.8025149121392875
875
876 FeverDreams deid_phone.py : Nasim de-id-age.py
877
878 The similarity results tested by Levenshtein are following:
879 jaro: 0.7763666382428639
880 distance: 2247
881 ratio: 0.7131396957123098
882
883 FeverDreams deid_phone.py : Andre deid-Andre_Holder.py
884
885 The similarity results tested by Levenshtein are following:
886 jaro: 0.7794423204248448
887 distance: 1509
888 ratio: 0.8577025823686554
889
890 FeverDreams deid_phone.py : Mahmoud deid_ssn_mahmoud.py
891
892 The similarity results tested by Levenshtein are following:
893 jaro: 0.8088390049312494
894 distance: 468
895 ratio: 0.9497030438010393
896
897 FeverDreams deid_phone.py : Mahmoud deid_date_mahmoud.py
898
899 The similarity results tested by Levenshtein are following:
900 jaro: 0.7865465859811686
901 distance: 918
902 ratio: 0.9057815845824411
903
904 FeverDreams deid_phone.py : Mahmoud deid_age_mahmoud.py
905
906 The similarity results tested by Levenshtein are following:
907 jaro: 0.8010374003352917
908 distance: 683
909 ratio: 0.9251439539347409
910
911 FeverDreams deid_phone.py : ChenLin deid-ChenLin.py

912
913 The similarity results tested by Levenshtein are following:
914 jaro: 0.5867514442377398
915 distance: 15168
916 ratio: 0.4089068825910931
917
918 FeverDreams deid_phone.py : ChenLin deid.py
919
920 The similarity results tested by Levenshtein are following:
921 jaro: 0.822566622827735
922 distance: 261
923 ratio: 0.9741347227391143
924
925 Itoshikihiro deid-Jie.py : Nasim de-id-location.py
926
927 The similarity results tested by Levenshtein are following:
928 jaro: 0.7288723120536037
929 distance: 3611
930 ratio: 0.6504225995583645
931
932 Itoshikihiro deid-Jie.py : Nasim deid.py
933
934 The similarity results tested by Levenshtein are following:
935 jaro: 1.0
936 distance: 0
937 ratio: 1.0
938
939 Itoshikihiro deid-Jie.py : Nasim de-id-date.py
940
941 The similarity results tested by Levenshtein are following:
942 jaro: 0.7532462007044755
943 distance: 2080
944 ratio: 0.8198847262247838
945
946 Itoshikihiro deid-Jie.py : Nasim de-id-age.py
947
948 The similarity results tested by Levenshtein are following:
949 jaro: 0.779738456966431
950 distance: 2053
951 ratio: 0.7371695178849145
952
953 Itoshikihiro deid-Jie.py : Andre deid-Andre_Holder.py
954
955 The similarity results tested by Levenshtein are following:
956 jaro: 0.7873682872182086
957 distance: 1287
958 ratio: 0.8806998939554613
959
960 Itoshikihiro deid-Jie.py : Mahmoud deid_ssn_mahmoud.py
961
962 The similarity results tested by Levenshtein are following:
963 jaro: 0.8231258743340041
964 distance: 211

```
965 ratio: 0.9756950837783097
966
967 Itoshikihiro deid-Jie.py : Mahmoud deid_date_mahmoud.py
968
969 The similarity results tested by Levenshtein are following:
970 jaro: 0.7991964384755024
971 distance: 702
972 ratio: 0.9272179918540818
973
974 Itoshikihiro deid-Jie.py : Mahmoud deid_age_mahmoud.py
975
976 The similarity results tested by Levenshtein are following:
977 jaro: 0.8142641234970611
978 distance: 427
979 ratio: 0.950575859254557
980
981 Itoshikihiro deid-Jie.py : ChenLin deid-ChenLin.py
982
983 The similarity results tested by Levenshtein are following:
984 jaro: 0.5947612031278235
985 distance: 14970
986 ratio: 0.41918212151780865
987
988 Itoshikihiro deid-Jie.py : ChenLin deid.py
989
990 The similarity results tested by Levenshtein are following:
991 jaro: 1.0
992 distance: 0
993 ratio: 1.0
994
995 Itoshikihiro deid.py : Nasim de-id-location.py
996
997 The similarity results tested by Levenshtein are following:
998 jaro: 0.7288723120536037
999 distance: 3611
1000 ratio: 0.6504225995583645
1001
1002 Itoshikihiro deid.py : Nasim deid.py
1003
1004 The similarity results tested by Levenshtein are following:
1005 jaro: 1.0
1006 distance: 0
1007 ratio: 1.0
1008
1009 Itoshikihiro deid.py : Nasim de-id-date.py
1010
1011 The similarity results tested by Levenshtein are following:
1012 jaro: 0.7532462007044755
1013 distance: 2080
1014 ratio: 0.8198847262247838
1015
1016 Itoshikihiro deid.py : Nasim de-id-age.py
1017
```

1018 The similarity results tested by Levenshtein are following:
1019 jaro: 0.779738456966431
1020 distance: 2053
1021 ratio: 0.7371695178849145
1022
1023 Itoshikihiro deid.py : Andre deid-Andre_Holder.py
1024
1025 The similarity results tested by Levenshtein are following:
1026 jaro: 0.7873682872182086
1027 distance: 1287
1028 ratio: 0.8806998939554613
1029
1030 Itoshikihiro deid.py : Mahmoud deid_ssn_mahmoud.py
1031
1032 The similarity results tested by Levenshtein are following:
1033 jaro: 0.8231258743340041
1034 distance: 211
1035 ratio: 0.9756950837783097
1036
1037 Itoshikihiro deid.py : Mahmoud deid_date_mahmoud.py
1038
1039 The similarity results tested by Levenshtein are following:
1040 jaro: 0.7991964384755024
1041 distance: 702
1042 ratio: 0.9272179918540818
1043
1044 Itoshikihiro deid.py : Mahmoud deid_age_mahmoud.py
1045
1046 The similarity results tested by Levenshtein are following:
1047 jaro: 0.8142641234970611
1048 distance: 427
1049 ratio: 0.950575859254557
1050
1051 Itoshikihiro deid.py : ChenLin deid-ChenLin.py
1052
1053 The similarity results tested by Levenshtein are following:
1054 jaro: 0.5947612031278235
1055 distance: 14970
1056 ratio: 0.41918212151780865
1057
1058 Itoshikihiro deid.py : ChenLin deid.py
1059
1060 The similarity results tested by Levenshtein are following:
1061 jaro: 1.0
1062 distance: 0
1063 ratio: 1.0
1064
1065 Itoshikihiro deid-date-Jie.py : Nasim de-id-location.py
1066
1067 The similarity results tested by Levenshtein are following:
1068 jaro: 0.5834987388663261
1069 distance: 5070
1070 ratio: 0.4723773520061861

```
1071
1072 Itoshikihiro deid-date-Jie.py : Nasim deid.py
1073
1074 The similarity results tested by Levenshtein are following:
1075 jaro: 0.6557711323609124
1076 distance: 2317
1077 ratio: 0.6839400428265524
1078
1079 Itoshikihiro deid-date-Jie.py : Nasim de-id-date.py
1080
1081 The similarity results tested by Levenshtein are following:
1082 jaro: 0.599676605908865
1083 distance: 4092
1084 ratio: 0.5566466630296417
1085
1086 Itoshikihiro deid-date-Jie.py : Nasim de-id-age.py
1087
1088 The similarity results tested by Levenshtein are following:
1089 jaro: 0.6548455298038197
1090 distance: 3123
1091 ratio: 0.5599237045671294
1092
1093 Itoshikihiro deid-date-Jie.py : Andre deid-Andre_Holder.py
1094
1095 The similarity results tested by Levenshtein are following:
1096 jaro: 0.6721955902223019
1097 distance: 2696
1098 ratio: 0.6760333944206882
1099
1100 Itoshikihiro deid-date-Jie.py : Mahmoud deid_ssn_mahmoud.py
1101
1102 The similarity results tested by Levenshtein are following:
1103 jaro: 0.6516199526483168
1104 distance: 2361
1105 ratio: 0.6767719897523484
1106
1107 Itoshikihiro deid-date-Jie.py : Mahmoud deid_date_mahmoud.py
1108
1109 The similarity results tested by Levenshtein are following:
1110 jaro: 0.6731968568452693
1111 distance: 2709
1112 ratio: 0.6712244897959184
1113
1114 Itoshikihiro deid-date-Jie.py : Mahmoud deid_age_mahmoud.py
1115
1116 The similarity results tested by Levenshtein are following:
1117 jaro: 0.6593629096943436
1118 distance: 2477
1119 ratio: 0.6734501206335886
1120
1121 Itoshikihiro deid-date-Jie.py : ChenLin deid-ChenLin.py
1122
1123 The similarity results tested by Levenshtein are following:
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1124 jaro: 0.5057462566712471
1125 distance: 17175
1126 ratio: 0.264168039538715
1127
1128 Itoshikihiro deid-date-Jie.py : ChenLin deid.py
1129
1130 The similarity results tested by Levenshtein are following:
1131 jaro: 0.6557711323609124
1132 distance: 2317
1133 ratio: 0.6839400428265524
1134
1135 Itoshikihiro deid-name-Jie.py : Nasim de-id-location.py
1136
1137 The similarity results tested by Levenshtein are following:
1138 jaro: 0.6466414665495342
1139 distance: 4919
1140 ratio: 0.5007358670245
1141
1142 Itoshikihiro deid-name-Jie.py : Nasim deid.py
1143
1144 The similarity results tested by Levenshtein are following:
1145 jaro: 0.7251300664288114
1146 distance: 2450
1147 ratio: 0.6850410722006053
1148
1149 Itoshikihiro deid-name-Jie.py : Nasim de-id-date.py
1150
1151 The similarity results tested by Levenshtein are following:
1152 jaro: 0.6621100984577832
1153 distance: 4014
1154 ratio: 0.5767186067827681
1155
1156 Itoshikihiro deid-name-Jie.py : Nasim de-id-age.py
1157
1158 The similarity results tested by Levenshtein are following:
1159 jaro: 0.7237136582012825
1160 distance: 2995
1161 ratio: 0.5820943416408172
1162
1163 Itoshikihiro deid-name-Jie.py : Andre deid-Andre_Holder.py
1164
1165 The similarity results tested by Levenshtein are following:
1166 jaro: 0.7007765437113408
1167 distance: 2942
1168 ratio: 0.6420793096363263
1169
1170 Itoshikihiro deid-name-Jie.py : Mahmoud deid_ssn_mahmoud.py
1171
1172 The similarity results tested by Levenshtein are following:
1173 jaro: 0.723291008331523
1174 distance: 2484
1175 ratio: 0.6818965517241379
1176
```

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1177 Itoshikihiro deid-name-Jie.py : Mahmoud deid_date_mahmoud.py
1178
1179 The similarity results tested by Levenshtein are following:
1180 jaro: 0.703185806363572
1181 distance: 2923
1182 ratio: 0.6497116968698518
1183
1184 Itoshikihiro deid-name-Jie.py : Mahmoud deid_age_mahmoud.py
1185
1186 The similarity results tested by Levenshtein are following:
1187 jaro: 0.7195861618718049
1188 distance: 2624
1189 ratio: 0.6727368978295395
1190
1191 Itoshikihiro deid-name-Jie.py : ChenLin deid-ChenLin.py
1192
1193 The similarity results tested by Levenshtein are following:
1194 jaro: 0.5551738091376321
1195 distance: 16838
1196 ratio: 0.29224537037037035
1197
1198 Itoshikihiro deid-name-Jie.py : ChenLin deid.py
1199
1200 The similarity results tested by Levenshtein are following:
1201 jaro: 0.7251300664288114
1202 distance: 2450
1203 ratio: 0.6850410722006053
1204
1205 Nasim de-id-location.py : Andre deid-Andre_Holder.py
1206
1207 The similarity results tested by Levenshtein are following:
1208 jaro: 0.7047714451423163
1209 distance: 3828
1210 ratio: 0.6178479618068307
1211
1212 Nasim de-id-location.py : Mahmoud deid_ssn_mahmoud.py
1213
1214 The similarity results tested by Levenshtein are following:
1215 jaro: 0.7314117229024557
1216 distance: 3620
1217 ratio: 0.647215257199301
1218
1219 Nasim de-id-location.py : Mahmoud deid_date_mahmoud.py
1220
1221 The similarity results tested by Levenshtein are following:
1222 jaro: 0.7220739788810301
1223 distance: 3710
1224 ratio: 0.6282645479290812
1225
1226 Nasim de-id-location.py : Mahmoud deid_age_mahmoud.py
1227
1228 The similarity results tested by Levenshtein are following:
1229 jaro: 0.7325388852011249
```


1230 distance: 3607
1231 ratio: 0.6431037070388714
1232
1233 Nasim de-id-location.py : ChenLin deid-ChenLin.py
1234
1235 The similarity results tested by Levenshtein are following:
1236 jaro: 0.5964311285440955
1237 distance: 15296
1238 ratio: 0.38221778933494815
1239
1240 Nasim de-id-location.py : ChenLin deid.py
1241
1242 The similarity results tested by Levenshtein are following:
1243 jaro: 0.7288723120536037
1244 distance: 3611
1245 ratio: 0.6504225995583645
1246
1247 Nasim deid.py : Andre deid-Andre_Holder.py
1248
1249 The similarity results tested by Levenshtein are following:
1250 jaro: 0.7873682872182086
1251 distance: 1287
1252 ratio: 0.8806998939554613
1253
1254 Nasim deid.py : Mahmoud deid_ssn_mahmoud.py
1255
1256 The similarity results tested by Levenshtein are following:
1257 jaro: 0.8231258743340041
1258 distance: 211
1259 ratio: 0.9756950837783097
1260
1261 Nasim deid.py : Mahmoud deid_date_mahmoud.py
1262
1263 The similarity results tested by Levenshtein are following:
1264 jaro: 0.7991964384755024
1265 distance: 702
1266 ratio: 0.9272179918540818
1267
1268 Nasim deid.py : Mahmoud deid_age_mahmoud.py
1269
1270 The similarity results tested by Levenshtein are following:
1271 jaro: 0.8142641234970611
1272 distance: 427
1273 ratio: 0.950575859254557
1274
1275 Nasim deid.py : ChenLin deid-ChenLin.py
1276
1277 The similarity results tested by Levenshtein are following:
1278 jaro: 0.5947612031278235
1279 distance: 14970
1280 ratio: 0.41918212151780865
1281
1282 Nasim deid.py : ChenLin deid.py

1283
1284 The similarity results tested by Levenshtein are following:
1285 jaro: 1.0
1286 distance: 0
1287 ratio: 1.0
1288
1289 Nasim de-id-date.py : Andre deid-Andre_Holder.py
1290
1291 The similarity results tested by Levenshtein are following:
1292 jaro: 0.7324080950103764
1293 distance: 2606
1294 ratio: 0.7599815014644674
1295
1296 Nasim de-id-date.py : Mahmoud deid_ssn_mahmoud.py
1297
1298 The similarity results tested by Levenshtein are following:
1299 jaro: 0.755697263461831
1300 distance: 2055
1301 ratio: 0.818849840255591
1302
1303 Nasim de-id-date.py : Mahmoud deid_date_mahmoud.py
1304
1305 The similarity results tested by Levenshtein are following:
1306 jaro: 0.7502499723558853
1307 distance: 2183
1308 ratio: 0.7896849907350216
1309
1310 Nasim de-id-date.py : Mahmoud deid_age_mahmoud.py
1311
1312 The similarity results tested by Levenshtein are following:
1313 jaro: 0.7573211946021731
1314 distance: 2103
1315 ratio: 0.8048876625936146
1316
1317 Nasim de-id-date.py : ChenLin deid-ChenLin.py
1318
1319 The similarity results tested by Levenshtein are following:
1320 jaro: 0.6095559054011043
1321 distance: 15158
1322 ratio: 0.4195829687955672
1323
1324 Nasim de-id-date.py : ChenLin deid.py
1325
1326 The similarity results tested by Levenshtein are following:
1327 jaro: 0.7532462007044755
1328 distance: 2080
1329 ratio: 0.8198847262247838
1330
1331 Nasim de-id-age.py : Andre deid-Andre_Holder.py
1332
1333 The similarity results tested by Levenshtein are following:
1334 jaro: 0.7644899028373094
1335 distance: 2576

1336 ratio: 0.6962236046613511
1337
1338 Nasim de-id-age.py : Mahmoud deid_ssn_mahmoud.py
1339
1340 The similarity results tested by Levenshtein are following:
1341 jaro: 0.7806685253695465
1342 distance: 2126
1343 ratio: 0.7290811205401952
1344
1345 Nasim de-id-age.py : Mahmoud deid_date_mahmoud.py
1346
1347 The similarity results tested by Levenshtein are following:
1348 jaro: 0.768758933176998
1349 distance: 2479
1350 ratio: 0.7000263365815117
1351
1352 Nasim de-id-age.py : Mahmoud deid_age_mahmoud.py
1353
1354 The similarity results tested by Levenshtein are following:
1355 jaro: 0.7819688398610026
1356 distance: 2250
1357 ratio: 0.7209636821287306
1358
1359 Nasim de-id-age.py : ChenLin deid-ChenLin.py
1360
1361 The similarity results tested by Levenshtein are following:
1362 jaro: 0.5679697031819618
1363 distance: 16013
1364 ratio: 0.3486529318541997
1365
1366 Nasim de-id-age.py : ChenLin deid.py
1367
1368 The similarity results tested by Levenshtein are following:
1369 jaro: 0.779738456966431
1370 distance: 2053
1371 ratio: 0.7371695178849145
1372
1373 Andre deid-Andre_Holder.py : Mahmoud deid_ssn_mahmoud.py
1374
1375 The similarity results tested by Levenshtein are following:
1376 jaro: 0.7840895490604356
1377 distance: 1252
1378 ratio: 0.8802891396332864
1379
1380 Andre deid-Andre_Holder.py : Mahmoud deid_date_mahmoud.py
1381
1382 The similarity results tested by Levenshtein are following:
1383 jaro: 0.7980585540212525
1384 distance: 1276
1385 ratio: 0.8712635869565217
1386
1387 Andre deid-Andre_Holder.py : Mahmoud deid_age_mahmoud.py
1388

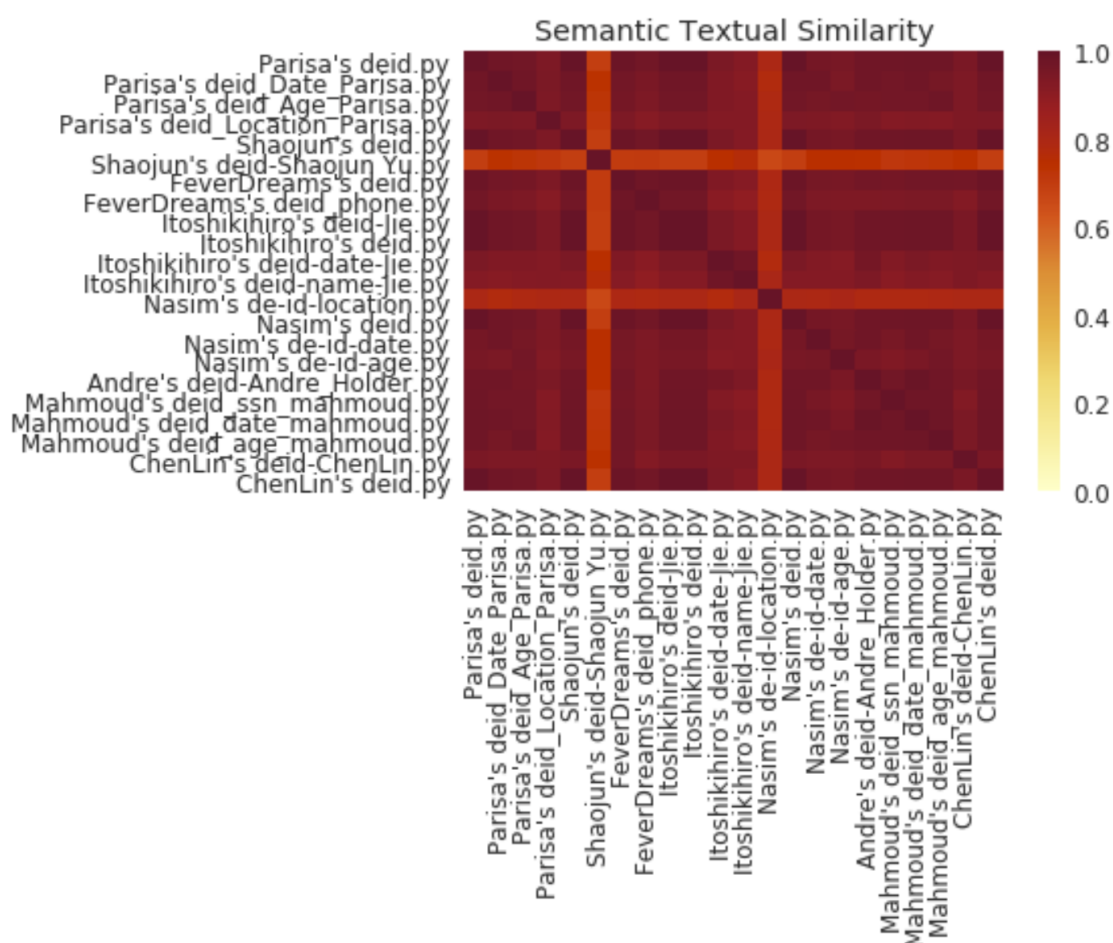
1389 The similarity results tested by Levenshtein are following:
1390 jaro: 0.7872139751164751
1391 distance: 1260
1392 ratio: 0.8707967677469807
1393
1394 Andre deid-Andre_Holder.py : ChenLin deid-ChenLin.py
1395
1396 The similarity results tested by Levenshtein are following:
1397 jaro: 0.5616178186306954
1398 distance: 15731
1399 ratio: 0.38033211456429006
1400
1401 Andre deid-Andre_Holder.py : ChenLin deid.py
1402
1403 The similarity results tested by Levenshtein are following:
1404 jaro: 0.7873682872182086
1405 distance: 1287
1406 ratio: 0.8806998939554613
1407
1408 Mahmoud deid_ssn_mahmoud.py : ChenLin deid-ChenLin.py
1409
1410 The similarity results tested by Levenshtein are following:
1411 jaro: 0.5888555109093102
1412 distance: 15171
1413 ratio: 0.41027827300209285
1414
1415 Mahmoud deid_ssn_mahmoud.py : ChenLin deid.py
1416
1417 The similarity results tested by Levenshtein are following:
1418 jaro: 0.8231258743340041
1419 distance: 211
1420 ratio: 0.9756950837783097
1421
1422 Mahmoud deid_date_mahmoud.py : ChenLin deid-ChenLin.py
1423
1424 The similarity results tested by Levenshtein are following:
1425 jaro: 0.5740885489860531
1426 distance: 15654
1427 ratio: 0.399252877944652
1428
1429 Mahmoud deid_date_mahmoud.py : ChenLin deid.py
1430
1431 The similarity results tested by Levenshtein are following:
1432 jaro: 0.7991964384755024
1433 distance: 702
1434 ratio: 0.9272179918540818
1435
1436 Mahmoud deid_age_mahmoud.py : ChenLin deid-ChenLin.py
1437
1438 The similarity results tested by Levenshtein are following:
1439 jaro: 0.5867488786590064
1440 distance: 15387
1441 ratio: 0.4032040667000424

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1442
1443 Mahmoud deid_age_mahmoud.py : ChenLin deid.py
1444
1445 The similarity results tested by Levenshtein are following:
1446 jaro: 0.8142641234970611
1447 distance: 427
1448 ratio: 0.950575859254557

```

Tensorflow Virtualization Similarity Score



STS Benchmark

```

1 Parisa's deid.py compares to Parisa's deid_Date_Parisa.py
2   STS Benchmark Score is 0.77391994
3 Parisa's deid.py compares to Parisa's deid_Age_Parisa.py
4   STS Benchmark Score is 0.7577548
5 Parisa's deid.py compares to Parisa's deid_Location_Parisa.py
6   STS Benchmark Score is 0.6646246
7 Parisa's deid.py compares to Shaojun's deid.py
8   STS Benchmark Score is 0.9995117
9 Parisa's deid.py compares to Shaojun's deid-Shaojun Yu.py
10  STS Benchmark Score is 0.20311517
11 Parisa's deid.py compares to FeverDreams's deid.py
12  STS Benchmark Score is 0.8443497

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13 Parisa's deid.py compares to FeverDreams's deid_phone.py
14 STS Benchmark Score is 0.75724745
15 Parisa's deid.py compares to Itoshikihiro's deid-Jie.py
16 STS Benchmark Score is 0.9995117
17 Parisa's deid.py compares to Itoshikihiro's deid.py
18 STS Benchmark Score is 0.9995117
19 Parisa's deid.py compares to Itoshikihiro's deid-date-Jie.py
20 STS Benchmark Score is 0.6723099
21 Parisa's deid.py compares to Itoshikihiro's deid-name-Jie.py
22 STS Benchmark Score is 0.61155987
23 Parisa's deid.py compares to Nasim's de-id-location.py
24 STS Benchmark Score is 0.35966337
25 Parisa's deid.py compares to Nasim's deid.py
26 STS Benchmark Score is 0.9995117
27 Parisa's deid.py compares to Nasim's de-id-date.py
28 STS Benchmark Score is 0.7326237
29 Parisa's deid.py compares to Nasim's de-id-age.py
30 STS Benchmark Score is 0.6962836
31 Parisa's deid.py compares to Andre's deid-Andre_Holder.py
32 STS Benchmark Score is 0.7823216
33 Parisa's deid.py compares to Mahmoud's deid_ssn_mahmoud.py
34 STS Benchmark Score is 0.7982335
35 Parisa's deid.py compares to Mahmoud's deid_date_mahmoud.py
36 STS Benchmark Score is 0.8076906
37 Parisa's deid.py compares to Mahmoud's deid_age_mahmoud.py
38 STS Benchmark Score is 0.8005162
39 Parisa's deid.py compares to ChenLin's deid-ChenLin.py
40 STS Benchmark Score is 0.6855277
41 Parisa's deid.py compares to ChenLin's deid.py
42 STS Benchmark Score is 0.9995117
43 Parisa's deid_Date_Parisa.py compares to Parisa's deid_Age_Parisa.py
44 STS Benchmark Score is 0.7796645
45 Parisa's deid_Date_Parisa.py compares to Parisa's deid_Location_Parisa.py
46 STS Benchmark Score is 0.6748899
47 Parisa's deid_Date_Parisa.py compares to Shaojun's deid.py
48 STS Benchmark Score is 0.77391994
49 Parisa's deid_Date_Parisa.py compares to Shaojun's deid-Shaojun Yu.py
50 STS Benchmark Score is 0.2562076
51 Parisa's deid_Date_Parisa.py compares to FeverDreams's deid.py
52 STS Benchmark Score is 0.7462578
53 Parisa's deid_Date_Parisa.py compares to FeverDreams's deid_phone.py
54 STS Benchmark Score is 0.6814806
55 Parisa's deid_Date_Parisa.py compares to Itoshikihiro's deid-Jie.py
56 STS Benchmark Score is 0.77391994
57 Parisa's deid_Date_Parisa.py compares to Itoshikihiro's deid.py
58 STS Benchmark Score is 0.77391994
59 Parisa's deid_Date_Parisa.py compares to Itoshikihiro's deid-date-Jie.py
60 STS Benchmark Score is 0.64279383
61 Parisa's deid_Date_Parisa.py compares to Itoshikihiro's deid-name-Jie.py
62 STS Benchmark Score is 0.5898832
63 Parisa's deid_Date_Parisa.py compares to Nasim's de-id-location.py
64 STS Benchmark Score is 0.32214737
65 Parisa's deid_Date_Parisa.py compares to Nasim's deid.py

66 STS Benchmark Score is 0.77391994
67 Parisa's deid_Date_Parisa.py compares to Nasim's de-id-date.py
68 STS Benchmark Score is 0.7804253
69 Parisa's deid_Date_Parisa.py compares to Nasim's de-id-age.py
70 STS Benchmark Score is 0.66802084
71 Parisa's deid_Date_Parisa.py compares to Andre's deid-Andre_Holder.py
72 STS Benchmark Score is 0.7740681
73 Parisa's deid_Date_Parisa.py compares to Mahmoud's deid_ssn_mahmoud.py
74 STS Benchmark Score is 0.742605
75 Parisa's deid_Date_Parisa.py compares to Mahmoud's deid_date_mahmoud.py
76 STS Benchmark Score is 0.77550113
77 Parisa's deid_Date_Parisa.py compares to Mahmoud's deid_age_mahmoud.py
78 STS Benchmark Score is 0.71769524
79 Parisa's deid_Date_Parisa.py compares to ChenLin's deid-ChenLin.py
80 STS Benchmark Score is 0.6668976
81 Parisa's deid_Date_Parisa.py compares to ChenLin's deid.py
82 STS Benchmark Score is 0.77391994
83 Parisa's deid_Age_Parisa.py compares to Parisa's deid_Location_Parisa.py
84 STS Benchmark Score is 0.66112536
85 Parisa's deid_Age_Parisa.py compares to Shaojun's deid.py
86 STS Benchmark Score is 0.7577548
87 Parisa's deid_Age_Parisa.py compares to Shaojun's deid-Shaojun Yu.py
88 STS Benchmark Score is 0.24589944
89 Parisa's deid_Age_Parisa.py compares to FeverDreams's deid.py
90 STS Benchmark Score is 0.73141736
91 Parisa's deid_Age_Parisa.py compares to FeverDreams's deid_phone.py
92 STS Benchmark Score is 0.66182876
93 Parisa's deid_Age_Parisa.py compares to Itoshikihiro's deid-Jie.py
94 STS Benchmark Score is 0.7577548
95 Parisa's deid_Age_Parisa.py compares to Itoshikihiro's deid.py
96 STS Benchmark Score is 0.7577548
97 Parisa's deid_Age_Parisa.py compares to Itoshikihiro's deid-date-Jie.py
98 STS Benchmark Score is 0.6414424
99 Parisa's deid_Age_Parisa.py compares to Itoshikihiro's deid-name-Jie.py
100 STS Benchmark Score is 0.604254
101 Parisa's deid_Age_Parisa.py compares to Nasim's de-id-location.py
102 STS Benchmark Score is 0.3404339
103 Parisa's deid_Age_Parisa.py compares to Nasim's deid.py
104 STS Benchmark Score is 0.7577548
105 Parisa's deid_Age_Parisa.py compares to Nasim's de-id-date.py
106 STS Benchmark Score is 0.708049
107 Parisa's deid_Age_Parisa.py compares to Nasim's de-id-age.py
108 STS Benchmark Score is 0.7354356
109 Parisa's deid_Age_Parisa.py compares to Andre's deid-Andre_Holder.py
110 STS Benchmark Score is 0.7289948
111 Parisa's deid_Age_Parisa.py compares to Mahmoud's deid_ssn_mahmoud.py
112 STS Benchmark Score is 0.7395792
113 Parisa's deid_Age_Parisa.py compares to Mahmoud's deid_date_mahmoud.py
114 STS Benchmark Score is 0.73591864
115 Parisa's deid_Age_Parisa.py compares to Mahmoud's deid_age_mahmoud.py
116 STS Benchmark Score is 0.78681964
117 Parisa's deid_Age_Parisa.py compares to ChenLin's deid-ChenLin.py
118 STS Benchmark Score is 0.66384745

119 Parisa's deid_Age_Parisa.py compares to ChenLin's deid.py
120 STS Benchmark Score is 0.7577548
121 Parisa's deid_Location_Parisa.py compares to Shaojun's deid.py
122 STS Benchmark Score is 0.6646246
123 Parisa's deid_Location_Parisa.py compares to Shaojun's deid-Shaojun Yu.py
124 STS Benchmark Score is 0.23053527
125 Parisa's deid_Location_Parisa.py compares to FeverDreams's deid.py
126 STS Benchmark Score is 0.66578555
127 Parisa's deid_Location_Parisa.py compares to FeverDreams's deid_phone.py
128 STS Benchmark Score is 0.5935304
129 Parisa's deid_Location_Parisa.py compares to Itoshikihiro's deid-Jie.py
130 STS Benchmark Score is 0.6646246
131 Parisa's deid_Location_Parisa.py compares to Itoshikihiro's deid.py
132 STS Benchmark Score is 0.6646246
133 Parisa's deid_Location_Parisa.py compares to Itoshikihiro's deid-date-Jie.py
134 STS Benchmark Score is 0.6217836
135 Parisa's deid_Location_Parisa.py compares to Itoshikihiro's deid-name-Jie.py
136 STS Benchmark Score is 0.6199389
137 Parisa's deid_Location_Parisa.py compares to Nasim's de-id-location.py
138 STS Benchmark Score is 0.35741293
139 Parisa's deid_Location_Parisa.py compares to Nasim's deid.py
140 STS Benchmark Score is 0.6646246
141 Parisa's deid_Location_Parisa.py compares to Nasim's de-id-date.py
142 STS Benchmark Score is 0.64786905
143 Parisa's deid_Location_Parisa.py compares to Nasim's de-id-age.py
144 STS Benchmark Score is 0.62605846
145 Parisa's deid_Location_Parisa.py compares to Andre's deid-Andre_Holder.py
146 STS Benchmark Score is 0.6685132
147 Parisa's deid_Location_Parisa.py compares to Mahmoud's deid_ssn_mahmoud.py
148 STS Benchmark Score is 0.60455835
149 Parisa's deid_Location_Parisa.py compares to Mahmoud's deid_date_mahmoud.py
150 STS Benchmark Score is 0.6281051
151 Parisa's deid_Location_Parisa.py compares to Mahmoud's deid_age_mahmoud.py
152 STS Benchmark Score is 0.6040533
153 Parisa's deid_Location_Parisa.py compares to ChenLin's deid-ChenLin.py
154 STS Benchmark Score is 0.6491078
155 Parisa's deid_Location_Parisa.py compares to ChenLin's deid.py
156 STS Benchmark Score is 0.6646246
157 Shaojun's deid.py compares to Shaojun's deid-Shaojun Yu.py
158 STS Benchmark Score is 0.20311517
159 Shaojun's deid.py compares to FeverDreams's deid.py
160 STS Benchmark Score is 0.8443497
161 Shaojun's deid.py compares to FeverDreams's deid_phone.py
162 STS Benchmark Score is 0.75724745
163 Shaojun's deid.py compares to Itoshikihiro's deid-Jie.py
164 STS Benchmark Score is 0.9995117
165 Shaojun's deid.py compares to Itoshikihiro's deid.py
166 STS Benchmark Score is 0.9995117
167 Shaojun's deid.py compares to Itoshikihiro's deid-date-Jie.py
168 STS Benchmark Score is 0.6723099
169 Shaojun's deid.py compares to Itoshikihiro's deid-name-Jie.py
170 STS Benchmark Score is 0.61155987
171 Shaojun's deid.py compares to Nasim's de-id-location.py

172 STS Benchmark Score is 0.35966337
173 Shaojun's deid.py compares to Nasim's deid.py
174 STS Benchmark Score is 0.9995117
175 Shaojun's deid.py compares to Nasim's de-id-date.py
176 STS Benchmark Score is 0.7326237
177 Shaojun's deid.py compares to Nasim's de-id-age.py
178 STS Benchmark Score is 0.6962836
179 Shaojun's deid.py compares to Andre's deid-Andre_Holder.py
180 STS Benchmark Score is 0.7823216
181 Shaojun's deid.py compares to Mahmoud's deid_ssn_mahmoud.py
182 STS Benchmark Score is 0.7982335
183 Shaojun's deid.py compares to Mahmoud's deid_date_mahmoud.py
184 STS Benchmark Score is 0.8076906
185 Shaojun's deid.py compares to Mahmoud's deid_age_mahmoud.py
186 STS Benchmark Score is 0.8005162
187 Shaojun's deid.py compares to ChenLin's deid-ChenLin.py
188 STS Benchmark Score is 0.6855277
189 Shaojun's deid.py compares to ChenLin's deid.py
190 STS Benchmark Score is 0.9995117
191 Shaojun's deid-Shaojun Yu.py compares to FeverDreams's deid.py
192 STS Benchmark Score is 0.21289134
193 Shaojun's deid-Shaojun Yu.py compares to FeverDreams's deid_phone.py
194 STS Benchmark Score is 0.21530718
195 Shaojun's deid-Shaojun Yu.py compares to Itoshikihiro's deid-Jie.py
196 STS Benchmark Score is 0.20311517
197 Shaojun's deid-Shaojun Yu.py compares to Itoshikihiro's deid.py
198 STS Benchmark Score is 0.20311517
199 Shaojun's deid-Shaojun Yu.py compares to Itoshikihiro's deid-date-Jie.py
200 STS Benchmark Score is 0.27662957
201 Shaojun's deid-Shaojun Yu.py compares to Itoshikihiro's deid-name-Jie.py
202 STS Benchmark Score is 0.30423874
203 Shaojun's deid-Shaojun Yu.py compares to Nasim's de-id-location.py
204 STS Benchmark Score is 0.1564073
205 Shaojun's deid-Shaojun Yu.py compares to Nasim's deid.py
206 STS Benchmark Score is 0.20311517
207 Shaojun's deid-Shaojun Yu.py compares to Nasim's de-id-date.py
208 STS Benchmark Score is 0.27690572
209 Shaojun's deid-Shaojun Yu.py compares to Nasim's de-id-age.py
210 STS Benchmark Score is 0.27427983
211 Shaojun's deid-Shaojun Yu.py compares to Andre's deid-Andre_Holder.py
212 STS Benchmark Score is 0.26762974
213 Shaojun's deid-Shaojun Yu.py compares to Mahmoud's deid_ssn_mahmoud.py
214 STS Benchmark Score is 0.23090112
215 Shaojun's deid-Shaojun Yu.py compares to Mahmoud's deid_date_mahmoud.py
216 STS Benchmark Score is 0.24041915
217 Shaojun's deid-Shaojun Yu.py compares to Mahmoud's deid_age_mahmoud.py
218 STS Benchmark Score is 0.24266797
219 Shaojun's deid-Shaojun Yu.py compares to ChenLin's deid-ChenLin.py
220 STS Benchmark Score is 0.2644667
221 Shaojun's deid-Shaojun Yu.py compares to ChenLin's deid.py
222 STS Benchmark Score is 0.20311517
223 FeverDreams's deid.py compares to FeverDreams's deid_phone.py
224 STS Benchmark Score is 0.79009724

225 FeverDreams's deid.py compares to Itoshikihiro's deid-Jie.py
226 STS Benchmark Score is 0.8443497
227 FeverDreams's deid.py compares to Itoshikihiro's deid.py
228 STS Benchmark Score is 0.8443497
229 FeverDreams's deid.py compares to Itoshikihiro's deid-date-Jie.py
230 STS Benchmark Score is 0.63599116
231 FeverDreams's deid.py compares to Itoshikihiro's deid-name-Jie.py
232 STS Benchmark Score is 0.5971642
233 FeverDreams's deid.py compares to Nasim's de-id-location.py
234 STS Benchmark Score is 0.3463645
235 FeverDreams's deid.py compares to Nasim's deid.py
236 STS Benchmark Score is 0.8443497
237 FeverDreams's deid.py compares to Nasim's de-id-date.py
238 STS Benchmark Score is 0.7164128
239 FeverDreams's deid.py compares to Nasim's de-id-age.py
240 STS Benchmark Score is 0.698786
241 FeverDreams's deid.py compares to Andre's deid-Andre_Holder.py
242 STS Benchmark Score is 0.7446203
243 FeverDreams's deid.py compares to Mahmoud's deid_ssn_mahmoud.py
244 STS Benchmark Score is 0.72712636
245 FeverDreams's deid.py compares to Mahmoud's deid_date_mahmoud.py
246 STS Benchmark Score is 0.760545
247 FeverDreams's deid.py compares to Mahmoud's deid_age_mahmoud.py
248 STS Benchmark Score is 0.7525693
249 FeverDreams's deid.py compares to ChenLin's deid-ChenLin.py
250 STS Benchmark Score is 0.73570013
251 FeverDreams's deid.py compares to ChenLin's deid.py
252 STS Benchmark Score is 0.8443497
253 FeverDreams's deid_phone.py compares to Itoshikihiro's deid-Jie.py
254 STS Benchmark Score is 0.75724745
255 FeverDreams's deid_phone.py compares to Itoshikihiro's deid.py
256 STS Benchmark Score is 0.75724745
257 FeverDreams's deid_phone.py compares to Itoshikihiro's deid-date-Jie.py
258 STS Benchmark Score is 0.57370806
259 FeverDreams's deid_phone.py compares to Itoshikihiro's deid-name-Jie.py
260 STS Benchmark Score is 0.54308873
261 FeverDreams's deid_phone.py compares to Nasim's de-id-location.py
262 STS Benchmark Score is 0.34280425
263 FeverDreams's deid_phone.py compares to Nasim's deid.py
264 STS Benchmark Score is 0.75724745
265 FeverDreams's deid_phone.py compares to Nasim's de-id-date.py
266 STS Benchmark Score is 0.6634582
267 FeverDreams's deid_phone.py compares to Nasim's de-id-age.py
268 STS Benchmark Score is 0.65049106
269 FeverDreams's deid_phone.py compares to Andre's deid-Andre_Holder.py
270 STS Benchmark Score is 0.6559067
271 FeverDreams's deid_phone.py compares to Mahmoud's deid_ssn_mahmoud.py
272 STS Benchmark Score is 0.65875167
273 FeverDreams's deid_phone.py compares to Mahmoud's deid_date_mahmoud.py
274 STS Benchmark Score is 0.6717627
275 FeverDreams's deid_phone.py compares to Mahmoud's deid_age_mahmoud.py
276 STS Benchmark Score is 0.66804826
277 FeverDreams's deid_phone.py compares to ChenLin's deid-ChenLin.py

278 STS Benchmark Score is 0.6181232
279 FeverDreams's deid_phone.py compares to ChenLin's deid.py
280 STS Benchmark Score is 0.75724745
281 Itoshikihiro's deid-Jie.py compares to Itoshikihiro's deid.py
282 STS Benchmark Score is 0.9995117
283 Itoshikihiro's deid-Jie.py compares to Itoshikihiro's deid-date-Jie.py
284 STS Benchmark Score is 0.6723099
285 Itoshikihiro's deid-Jie.py compares to Itoshikihiro's deid-name-Jie.py
286 STS Benchmark Score is 0.61155987
287 Itoshikihiro's deid-Jie.py compares to Nasim's de-id-location.py
288 STS Benchmark Score is 0.35966337
289 Itoshikihiro's deid-Jie.py compares to Nasim's deid.py
290 STS Benchmark Score is 0.9995117
291 Itoshikihiro's deid-Jie.py compares to Nasim's de-id-date.py
292 STS Benchmark Score is 0.7326237
293 Itoshikihiro's deid-Jie.py compares to Nasim's de-id-age.py
294 STS Benchmark Score is 0.6962836
295 Itoshikihiro's deid-Jie.py compares to Andre's deid-Andre_Holder.py
296 STS Benchmark Score is 0.7823216
297 Itoshikihiro's deid-Jie.py compares to Mahmoud's deid_ssn_mahmoud.py
298 STS Benchmark Score is 0.7982335
299 Itoshikihiro's deid-Jie.py compares to Mahmoud's deid_date_mahmoud.py
300 STS Benchmark Score is 0.8076906
301 Itoshikihiro's deid-Jie.py compares to Mahmoud's deid_age_mahmoud.py
302 STS Benchmark Score is 0.8005162
303 Itoshikihiro's deid-Jie.py compares to ChenLin's deid-ChenLin.py
304 STS Benchmark Score is 0.6855277
305 Itoshikihiro's deid-Jie.py compares to ChenLin's deid.py
306 STS Benchmark Score is 0.9995117
307 Itoshikihiro's deid.py compares to Itoshikihiro's deid-date-Jie.py
308 STS Benchmark Score is 0.6723099
309 Itoshikihiro's deid.py compares to Itoshikihiro's deid-name-Jie.py
310 STS Benchmark Score is 0.61155987
311 Itoshikihiro's deid.py compares to Nasim's de-id-location.py
312 STS Benchmark Score is 0.35966337
313 Itoshikihiro's deid.py compares to Nasim's deid.py
314 STS Benchmark Score is 0.9995117
315 Itoshikihiro's deid.py compares to Nasim's de-id-date.py
316 STS Benchmark Score is 0.7326237
317 Itoshikihiro's deid.py compares to Nasim's de-id-age.py
318 STS Benchmark Score is 0.6962836
319 Itoshikihiro's deid.py compares to Andre's deid-Andre_Holder.py
320 STS Benchmark Score is 0.7823216
321 Itoshikihiro's deid.py compares to Mahmoud's deid_ssn_mahmoud.py
322 STS Benchmark Score is 0.7982335
323 Itoshikihiro's deid.py compares to Mahmoud's deid_date_mahmoud.py
324 STS Benchmark Score is 0.8076906
325 Itoshikihiro's deid.py compares to Mahmoud's deid_age_mahmoud.py
326 STS Benchmark Score is 0.8005162
327 Itoshikihiro's deid.py compares to ChenLin's deid-ChenLin.py
328 STS Benchmark Score is 0.6855277
329 Itoshikihiro's deid.py compares to ChenLin's deid.py
330 STS Benchmark Score is 0.9995117

331 Itoshikihiro's deid-date-Jie.py compares to Itoshikihiro's deid-name-Jie.py
332 STS Benchmark Score is 0.7738939
333 Itoshikihiro's deid-date-Jie.py compares to Nasim's de-id-location.py
334 STS Benchmark Score is 0.31878704
335 Itoshikihiro's deid-date-Jie.py compares to Nasim's deid.py
336 STS Benchmark Score is 0.6723099
337 Itoshikihiro's deid-date-Jie.py compares to Nasim's de-id-date.py
338 STS Benchmark Score is 0.6232828
339 Itoshikihiro's deid-date-Jie.py compares to Nasim's de-id-age.py
340 STS Benchmark Score is 0.6010965
341 Itoshikihiro's deid-date-Jie.py compares to Andre's deid-Andre_Holder.py
342 STS Benchmark Score is 0.7292421
343 Itoshikihiro's deid-date-Jie.py compares to Mahmoud's deid_ssn_mahmoud.py
344 STS Benchmark Score is 0.62584037
345 Itoshikihiro's deid-date-Jie.py compares to Mahmoud's deid_date_mahmoud.py
346 STS Benchmark Score is 0.6795608
347 Itoshikihiro's deid-date-Jie.py compares to Mahmoud's deid_age_mahmoud.py
348 STS Benchmark Score is 0.6413636
349 Itoshikihiro's deid-date-Jie.py compares to ChenLin's deid-ChenLin.py
350 STS Benchmark Score is 0.6496881
351 Itoshikihiro's deid-date-Jie.py compares to ChenLin's deid.py
352 STS Benchmark Score is 0.6723099
353 Itoshikihiro's deid-name-Jie.py compares to Nasim's de-id-location.py
354 STS Benchmark Score is 0.36989743
355 Itoshikihiro's deid-name-Jie.py compares to Nasim's deid.py
356 STS Benchmark Score is 0.61155987
357 Itoshikihiro's deid-name-Jie.py compares to Nasim's de-id-date.py
358 STS Benchmark Score is 0.6023469
359 Itoshikihiro's deid-name-Jie.py compares to Nasim's de-id-age.py
360 STS Benchmark Score is 0.60394204
361 Itoshikihiro's deid-name-Jie.py compares to Andre's deid-Andre_Holder.py
362 STS Benchmark Score is 0.66524994
363 Itoshikihiro's deid-name-Jie.py compares to Mahmoud's deid_ssn_mahmoud.py
364 STS Benchmark Score is 0.580127
365 Itoshikihiro's deid-name-Jie.py compares to Mahmoud's deid_date_mahmoud.py
366 STS Benchmark Score is 0.62061316
367 Itoshikihiro's deid-name-Jie.py compares to Mahmoud's deid_age_mahmoud.py
368 STS Benchmark Score is 0.59883475
369 Itoshikihiro's deid-name-Jie.py compares to ChenLin's deid-ChenLin.py
370 STS Benchmark Score is 0.64903986
371 Itoshikihiro's deid-name-Jie.py compares to ChenLin's deid.py
372 STS Benchmark Score is 0.61155987
373 Nasim's de-id-location.py compares to Nasim's deid.py
374 STS Benchmark Score is 0.35966337
375 Nasim's de-id-location.py compares to Nasim's de-id-date.py
376 STS Benchmark Score is 0.35303187
377 Nasim's de-id-location.py compares to Nasim's de-id-age.py
378 STS Benchmark Score is 0.3731488
379 Nasim's de-id-location.py compares to Andre's deid-Andre_Holder.py
380 STS Benchmark Score is 0.33831334
381 Nasim's de-id-location.py compares to Mahmoud's deid_ssn_mahmoud.py
382 STS Benchmark Score is 0.3324147
383 Nasim's de-id-location.py compares to Mahmoud's deid_date_mahmoud.py

384 STS Benchmark Score is 0.33687252
385 Nasim's de-id-location.py compares to Mahmoud's deid_age_mahmoud.py
386 STS Benchmark Score is 0.34885728
387 Nasim's de-id-location.py compares to ChenLin's deid-ChenLin.py
388 STS Benchmark Score is 0.36347014
389 Nasim's de-id-location.py compares to ChenLin's deid.py
390 STS Benchmark Score is 0.35966337
391 Nasim's deid.py compares to Nasim's de-id-date.py
392 STS Benchmark Score is 0.7326237
393 Nasim's deid.py compares to Nasim's de-id-age.py
394 STS Benchmark Score is 0.6962836
395 Nasim's deid.py compares to Andre's deid-Andre_Holder.py
396 STS Benchmark Score is 0.7823216
397 Nasim's deid.py compares to Mahmoud's deid_ssn_mahmoud.py
398 STS Benchmark Score is 0.7982335
399 Nasim's deid.py compares to Mahmoud's deid_date_mahmoud.py
400 STS Benchmark Score is 0.8076906
401 Nasim's deid.py compares to Mahmoud's deid_age_mahmoud.py
402 STS Benchmark Score is 0.8005162
403 Nasim's deid.py compares to ChenLin's deid-ChenLin.py
404 STS Benchmark Score is 0.6855277
405 Nasim's deid.py compares to ChenLin's deid.py
406 STS Benchmark Score is 0.9995117
407 Nasim's de-id-date.py compares to Nasim's de-id-age.py
408 STS Benchmark Score is 0.7174942
409 Nasim's de-id-date.py compares to Andre's deid-Andre_Holder.py
410 STS Benchmark Score is 0.77435935
411 Nasim's de-id-date.py compares to Mahmoud's deid_ssn_mahmoud.py
412 STS Benchmark Score is 0.69501936
413 Nasim's de-id-date.py compares to Mahmoud's deid_date_mahmoud.py
414 STS Benchmark Score is 0.77950364
415 Nasim's de-id-date.py compares to Mahmoud's deid_age_mahmoud.py
416 STS Benchmark Score is 0.71415687
417 Nasim's de-id-date.py compares to ChenLin's deid-ChenLin.py
418 STS Benchmark Score is 0.65872073
419 Nasim's de-id-date.py compares to ChenLin's deid.py
420 STS Benchmark Score is 0.7326237
421 Nasim's de-id-age.py compares to Andre's deid-Andre_Holder.py
422 STS Benchmark Score is 0.6822848
423 Nasim's de-id-age.py compares to Mahmoud's deid_ssn_mahmoud.py
424 STS Benchmark Score is 0.64283305
425 Nasim's de-id-age.py compares to Mahmoud's deid_date_mahmoud.py
426 STS Benchmark Score is 0.68161535
427 Nasim's de-id-age.py compares to Mahmoud's deid_age_mahmoud.py
428 STS Benchmark Score is 0.7355825
429 Nasim's de-id-age.py compares to ChenLin's deid-ChenLin.py
430 STS Benchmark Score is 0.66115713
431 Nasim's de-id-age.py compares to ChenLin's deid.py
432 STS Benchmark Score is 0.6962836
433 Andre's deid-Andre_Holder.py compares to Mahmoud's deid_ssn_mahmoud.py
434 STS Benchmark Score is 0.7549503
435 Andre's deid-Andre_Holder.py compares to Mahmoud's deid_date_mahmoud.py
436 STS Benchmark Score is 0.8541899

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437 Andre's deid-Andre_Holder.py compares to Mahmoud's deid_age_mahmoud.py
438     STS Benchmark Score is 0.7738091
439 Andre's deid-Andre_Holder.py compares to ChenLin's deid-ChenLin.py
440     STS Benchmark Score is 0.6932734
441 Andre's deid-Andre_Holder.py compares to ChenLin's deid.py
442     STS Benchmark Score is 0.7823216
443 Mahmoud's deid_ssn_mahmoud.py compares to Mahmoud's deid_date_mahmoud.py
444     STS Benchmark Score is 0.7887121
445 Mahmoud's deid_ssn_mahmoud.py compares to Mahmoud's deid_age_mahmoud.py
446     STS Benchmark Score is 0.79113275
447 Mahmoud's deid_ssn_mahmoud.py compares to ChenLin's deid-ChenLin.py
448     STS Benchmark Score is 0.62773407
449 Mahmoud's deid_ssn_mahmoud.py compares to ChenLin's deid.py
450     STS Benchmark Score is 0.79823494
451 Mahmoud's deid_date_mahmoud.py compares to Mahmoud's deid_age_mahmoud.py
452     STS Benchmark Score is 0.81740725
453 Mahmoud's deid_date_mahmoud.py compares to ChenLin's deid-ChenLin.py
454     STS Benchmark Score is 0.67148453
455 Mahmoud's deid_date_mahmoud.py compares to ChenLin's deid.py
456     STS Benchmark Score is 0.8076922
457 Mahmoud's deid_age_mahmoud.py compares to ChenLin's deid-ChenLin.py
458     STS Benchmark Score is 0.6738554
459 Mahmoud's deid_age_mahmoud.py compares to ChenLin's deid.py
460     STS Benchmark Score is 0.8005177
461 ChenLin's deid-ChenLin.py compares to ChenLin's deid.py
462     STS Benchmark Score is 0.6855287
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Conclucion

The average similarity percentage, which is tested by all methods, is above 50%. One of reasons is that all students use one programming language, which is Python. If students had used different programming languages, the average similarity percentage would have been below 50%. Therefore, the similarity scores which are showed in the result section do not represent the true similarity score between two Python files. The similarity checker should ignore the language usage and mainly focus on the algorithm and coding flow.