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/Applications/Anaconda-Navigator.app/Contents/MacOS/python /Users/
kycheung/Desktop/Capstone-master/evaluation_word_doc.py
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Character accuracy in Tesseract/Contract

   Characters predicted  35101.0
               Errors    141.0
      Character accuracy   99.6
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Throughput in Tesseract/Contract

   Characters predicted  35101.00
               Errors    141.00
             OCR time     51.83
                 Page     21.00
      OCR time per page    2.47

     Penalty  Throughput
0         0      677.23
1         1      674.51
2         2      671.79
3         3      669.07
4         4      666.35
5         5      663.63
6         6      660.91
7         7      658.19
8         8      655.47
9         9      652.75
------------------------------------
Accuracy by Character Class in Tesseract/Contract

Characters predicted  35101
Errors  141

    Class_type  Count_predicted  Count_error  Accuracy
0   Lowercase            31667            3     99.99
1   Uppercase             1976            0    100.00
2      Number              553          118     78.66
3      Symbol              905           20     97.79
------------------------------------
Accuracy by frequency in Tesseract/Contract

     Character  Count_predicted  Count_error  Accuracy_by_frequency
0           "              16            2                  87.50
1           #              12            8                  33.33
2           $               7            0                 100.00
3           %               1            0                 100.00
4           '              93            6                  93.55
5           (             203            0                 100.00
6           )             203            0                 100.00
7           *              16            0                 100.00
8           ,             228            0                 100.00
9           /              35            2                  94.29
10          0              61            3                  95.08
11          1             133           36                  72.93
12          2              99           11                  88.89
13          3              35            9                  74.29
```

14	4	47	13	72.34
15	5	49	11	77.55
16	6	47	10	78.72
17	7	41	10	75.61
18	8	19	8	57.89
19	9	22	7	68.18
20	:	23	0	100.00
21	;	8	0	100.00
22	=	4	0	100.00
23	@	2	1	50.00
24	A	87	0	100.00
25	B	42	0	100.00
26	C	253	0	100.00
27	D	86	0	100.00
28	E	143	0	100.00
29	F	81	0	100.00
30	G	48	0	100.00
31	H	60	0	100.00
32	I	126	0	100.00
33	K	50	0	100.00
34	L	22	0	100.00
35	M	46	0	100.00
36	N	120	0	100.00
37	O	113	0	100.00
38	P	121	0	100.00
39	Q	24	0	100.00
40	R	157	0	100.00
41	S	126	0	100.00
42	T	166	0	100.00
43	U	13	0	100.00
44	V	20	0	100.00
45	W	52	0	100.00
46	X	6	0	100.00
47	Y	14	0	100.00
48	[	22	0	100.00
49	]	18	1	94.44
50	a	2364	1	99.96
51	b	442	0	100.00
52	c	1216	0	100.00
53	d	1176	0	100.00
54	e	4370	0	100.00
55	f	899	0	100.00
56	g	500	0	100.00
57	h	1299	0	100.00
58	i	2395	0	100.00
59	j	49	0	100.00
60	k	65	0	100.00
61	l	909	0	100.00
62	m	883	0	100.00
63	n	2385	1	99.96
64	o	2671	0	100.00
65	p	951	0	100.00
66	q	47	0	100.00
67	r	2363	1	99.96
68	s	1975	0	100.00
69	t	2918	0	100.00
70	u	686	0	100.00

71	v	269	0	100.00
72	w	211	0	100.00
73	x	74	0	100.00
74	y	547	0	100.00
75	z	3	0	100.00
76	{	7	0	100.00
77	}	7	0	100.00

Grouped error in Tesseract/Contract

		Count_error
Character	Predicted	
"	{}	2
#	*	6
	Æ	2
'	{}	6
/	{}	2
0	{}	3
1	!	1
	'	3
	i	1
	{}	31
2	*	1
	{}	10
3	?	1
	{}	8
4	'	1
	*	3
	{}	9
5	*	1
	{}	9
	∞	1
6	{}	8
	∞	2
7	{}	10
8	{}	7
	Æ	1
9	{}	7
@	∞	1
]	}	1
a	{}	1
n	p	1
r	t	1

 Note: {} indicates no prediction made by the OCR engine
Number of missed prediction: 113

Error table with prediction confidence for Tesseract/Contract

	Character	Predicted	OCR confidence
0	#	*	23.0
1	#	Æ	28.0
2	@	∞	30.0
3	#	*	31.0
4	#	Æ	38.0
5	5	*	50.0
6	8	Æ	53.0

```
7          1          !          54.0
8          4          '          55.0
9          3          ?          57.0
10         6          ∞          64.0
11         1          '          65.0
12         4          *          66.0
13         ]          }          71.0
14         1          '          72.0
15         6          ∞          74.0
16         #          *          76.0
17         #          *          78.0
18         1          i          80.0
19         #          *          81.0
20         5          ∞          83.0
21         n          p          83.0
22         2          *          85.0
23         #          *          86.0
24         1          '          88.0
25         4          *          91.0
26         4          *          91.0
27         r          t          91.0

Average confidence:   65.86

Process finished with exit code 0
```