Valid Characters

In [19]:
```
import pandas as pd
import seaborn as sns
import random as rd
import numpy as np
import matplotlib.pyplot as plt
plt.rc('figure', figsize=(10, 6))
np.set_printoptions(precision=4, suppress=True)
```

In [37]:
```
df = pd.read_excel('yeca_jira.xlsx', sep=',')
df = df.round(decimals=0).astype(object)
blankIndex=[''] * len(df)
df.index=blankIndex
```

In [38]:
```
df[['CITY_CHR', 'ASCII_CODE']].head(50)
```

Out[38]:

CITY_CHR	ASCII_CODE
	32
!	33
&	38
'	39
(	40
)	41
-	45
.	46
/	47
0	48
1	49
2	50
3	51
4	52
5	53
6	54
7	55
8	56
9	57
H	72
K	75
S	83
Y	89
`	96
a	97
b	98
c	99
d	100
e	101
f	102
g	103
h	104
i	105
j	106
k	107
l	108
m	109
n	110
o	111
p	112
q	113
r	114
s	115
t	116
u	117
v	118
w	119
x	120
y	121
z	122

In [39]:
```
df[['ORGANIZATION_CHR', 'ASCII_CODE.1','ORGANIZATION_CHR.', 'ASCII_CODE1.']].head(55).fillna('')
```

Out[39]:

ORGANIZATION_CHR	ASCII_CODE.1	ORGANIZATION_CHR.	ASCII_CODE1.
□	1	O	79
	2	P	80
□	3	Q	81
□	8	R	82
	9	S	83
□	27	T	84
	31	U	85
	32	V	86
!	33	W	87
""	34	X	88
#	35	Y	89
$	36	Z	90
%	37	[	91
&	38	\	92
'	39	]	93
(	40	^	94
)	41	_	95
*	42	`	96
+	43	a	97
,	44	b	98
-	45	c	99
.	46	d	100
/	47	e	101
0	48	f	102
1	49	g	103
2	50	h	104
3	51	i	105
4	52	j	106
5	53	k	107
6	54	l	108
7	55	m	109
8	56	n	110
9	57	o	111
:	58	p	112
;	59	q	113
<	60	r	114
=	61	s	115
>	62	t	116
?	63	u	117
@	64	v	118
A	65	w	119
B	66	x	120
C	67	y	121
D	68	z	122
E	69	{	123
F	70	|	124
G	71	}	125
H	72	~	126
I	73	¿	191
J	74		
K	75		
L	76		
M	77		
N	78		

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