

HERE WE SCRAPE <https://wpdatatables.com> FOR DATA OFF OF A TABLE TITLED "CATALOG OF DRIVERS"

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In [2]: from bs4 import BeautifulSoup as bs
import requests
import pandas as pd
```

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In [3]: url = 'https://wpdatatables.com/documentation/table-examples/catalog-of-drivers/'
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In [4]: response = requests.get(url)
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In [5]: page = bs(response.text, 'html')
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In [10]: table = page.find_all('table')[0]
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In [54]: table_rows = table.find_all('tr')
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In [55]: data = pd.DataFrame(columns = [field.text for field in table_rows[0].find_all('th')])
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In [56]: data.size
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Out[56]: 0
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In [57]: for table_row in table_rows[1:-1]:
    content = table_row.find_all('td')
    length = len(data)
    print(length)
    data.loc[length] = [row.text for row in content]
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In [58]: data

Out[58]:

	wdt_ID	Model	Package	Mounting options	Current	LD_TC	Details
0	1	FL500	Component	SMT DIP PCB	500 mA	0	Details
1	2	FL591FL	Eval Board	Benchtop or Chassis	500 mA	1	Details
2	3	LD2.5CHA	Module	Benchtop or Chassis	2.5 A	0	Details
3	4	LD5CHA	Module	Benchtop or Chassis	5 A	0	Details
4	5	LD10CHA	Module	Benchtop or Chassis	10 A	0	Details
5	6	LD15CHA	Module	Benchtop or Chassis	15 A	1	Details
6	7	LDD200 1P OR 2P	Component	DIP PCB	200 mA	0	Details
7	8	LDD400 1P OR 2P	Component	DIP PCB	400 mA	0	Details
8	9	LDTC0520	Module	Benchtop or Chassis	500 mA LD \n2.2 A TEC	1	Details
9	10	LDTC1020	Module	Benchtop or Chassis	1 A LD \n2.2 A TEC	1	Details
10	11	LDTC 2-2 E	Module	Benchtop or Chassis	2.2 A LD \n2.2 A TEC	0	Details
11	12	LDTC 2-2 O	Module	Benchtop or Chassis	2.2 A LD \n2.2 A TEC	1	Details
12	13	LD5TC10 LAB	Instrument	Benchtop	10 A	0	Details
13	14	MPL250	Module	Benchtop or Chassis	250 mA	0	Details
14	15	MPL500	Module	Benchtop or Chassis	500 mA	1	Details
15	16	MPL2500	Module	Benchtop or Chassis	2.5 A	0	Details
16	17	MPL7500	Module	Benchtop or Chassis	7.5 A	0	Details
17	18	PLD200	Component	SIP PCB	200 mA	0	Details
18	19	PLD500	Component	SIP PCB	500 mA	0	Details
19	20	PLD1250	Component	SIP PCB	1.25 A	0	Details
20	21	PLD5000	Component	SIP PCB	5 A	0	Details
21	22	PLD6500	Component	SIP PCB	6.5 A	1	Details
22	23	PLD10000	Component	DIP PCB	10 A	0	Details
23	24	PLD12500	Component	DIP PCB	12.5 A	0	Details
24	25	PLD5K-CH	Module	Benchtop or Chassis	5 A	1	Details
25	26	PLD10K-CH	Module	Benchtop or Chassis	10 A	0	Details
26	27	PLD12.5K-CH	Module	Benchtop or Chassis	12.5 A	1	Details
27	28	WLD3343	Component	DIP PCB	2.2 A	0	Details
28	29	WLD3343-2L	Component	DIP PCB	2.2 A	0	Details
29	30	WLD3343HB	Component	DIP PCB	2.2 A	0	Details
30	31	WLD3343-3A	Component	DIP PCB	3 A	1	Details
31	32	WLD3343-3L	Component	DIP PCB	3 A	0	Details

In [72]: data.loc[:, 'Package'].unique()

Out[72]: array(['Component', 'Eval Board', 'Module', 'Instrument'], dtype=object)

