

FINAL CODE

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In [5]: import requests
from bs4 import BeautifulSoup
import pandas as pd

parent_url = "http://www.agriculture.gov.au"
request = requests.get("http://www.agriculture.gov.au/pests-diseases-weeds/plant#identify-pests-diseases")
content = request.text

soup = BeautifulSoup(content,"html.parser")
elements = soup.find_all(href = True)
pattern = "/pests-diseases-weeds/plant/"
un_nes = ['xylella/', 'national', 'quarantine/']
urls = []

for e in elements:
    if pattern in e['href']:
        if any(x in e['href'] for x in un_nes):
            pass
        else:
            urls.append(parent_url+ e['href'])

urls = list(set(urls))

records = []    # New list to append disease_name,img_url, origin, identity, specimen and what can came in to AUS
                # particular disease

for url in urls:
    request1 = requests.get(url)
    content1 = request1.text
    soup1 = BeautifulSoup(content1,"html.parser")

    dname = soup1.find_all('h2')[0].text
    img =parent_url + soup1.find_all('img')[3]['src']
    origin = soup1.find_all('strong')[1].next_sibling
    identity = soup1.find_all('strong')[3].next_sibling
    come_outof_aus = soup1.find_all("div", {"class":"hide"})[1].text
    specimen = soup1.find_all("div", {"class":"hide"})[2].text

    records.append([dname, img, origin, identity, come_outof_aus, specimen])
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df = pd.DataFrame(records, columns=['Disease Name', 'Image Link', 'Origin', 'identification_of_pest', 'what can
df.to_csv('Agri_scrap.csv', index = False, encoding='utf-8-sig')
df
```

Out[5]:

	Disease Name	Image Link	Origin	identification_of_pest	what can legally come into Australia	Secure any suspect specimens
0	Potato cyst nemotade	http://www.agriculture.gov.au/SiteCollectionIm...	South America	Leaf wilting and discoloration, root cysts an...	All Australians and international tourists hav...	Remember the pest can spread easily via the mo...
1	Zebra chip	http://www.agriculture.gov.au/SiteCollectionIm...	Mexico	USA, Canada, Mexico, Guatemala, Honduras ...	All Australians and international tourists hav...	Containment is critical. This could be as eas...
2	Gypsy moth	http://www.agriculture.gov.au/SiteCollectionIm...	China, East Russia, Southern Europe and Northe...	Males and female moths differ in sizing and c...	All Australians and international tourists hav...	Containment is crucial. If you suspect you've ...
3	Guava (eucalyptus) rust	http://www.agriculture.gov.au/SiteCollectionIm...	Brazil	Yellowish pustules on young leaves, shoots, s...	All Australians and international tourists ha...	Containment is critical. In as little ...
4	Internal and external \r\n mites of bees	http://www.agriculture.gov.au/SiteCollectionIm...	Asia (tropilaelaps and varroa mites), unknown ...	Four pairs of legs, 0.5 mm x 1 mm (tropilaela...	All Australians and international tourists hav...	Containment is crucial. If you suspect you've ...
5	Panama disease Tropical Race 4	http://www.agriculture.gov.au/SiteCollectionIm...	South East Asia	Distribution: 	All Australians and international tourists ha...	Containment is critical. If you suspect ...
6	Khapra beetle	http://www.agriculture.gov.au/SiteCollectionIm...	India	Adult – tiny, dark brown, oval shaped, covere...	All Australians and international tourists hav...	Containment is critical. Khapra beetles do not...
7	Leaf miner	http://www.agriculture.gov.au/SiteCollectionIm...	South America		All Australians and international tourists hav...	Containment is critical. Alert the department ...

	Disease Name	Image Link	Origin	identification_of_pest	what can legally come into Australia	Secure any suspect specimens
8	Russian wheat aphid	http://www.agriculture.gov.au/SiteCollectionIm...	Central Asia and southern Russia	Light green, elongated spindle-shaped aphid, a...	All Australians and international tourists hav...	Containment is critical. This could be as eas...
9	Exotic fruit fly	http://www.agriculture.gov.au/SiteCollectionIm...	Asia	Tephritids - 2.5–10 mm, colourful, pictured w...	All Australians and international tourists hav...	Containment is critical. Fruit fly adults are ...
10	Exotic bees	http://www.agriculture.gov.au/SiteCollectionIm...	Varies, depending on the species	Various sizes up to 2cm, striped abdomens, of...	Find out what can legally come into Australia....	Containment is critical. If you work around im...
11	Brown marmorated stink bug	http://www.agriculture.gov.au/SiteCollectionIm...	East Asia	Shield shape, adults are mottled reddish-brow...	All Australians and international tourists hav...	Containment is critical. The bug is a strong ...
12	Ug99	http://www.agriculture.gov.au/SiteCollectionIm...	Uganda	Reddish brown, powdery, oblong spore-producin...	All Australians and international tourists hav...	Containment is critical. If you suspect you h...
13	Citrus canker	http://www.agriculture.gov.au/SiteCollectionIm...	South East Asia	Forms lesions on fruit, leaves and branches, c...	All Australians and international tourists ha...	Containment is critical. Look out for scabby ...
14	Giant African snail	http://www.agriculture.gov.au/SiteCollectionIm...	Eastern Africa	Large, long and narrow conical shell, eggs ...	All Australians and international tourists hav...	Containment is critical. Giant African snails ...
15	Karnal bunt	http://www.agriculture.gov.au/SiteCollectionIm...	India	Broken hollow grain, powdery masses of dark s...	All Australians and international tourists hav...	Containment is critical. This can be as easy a...
16	Xylella	http://www.agriculture.gov.au/SiteCollectionIm...	Americas	Scorched leaves, browning and loss of leaves,...	All Australians and international tourists hav...	Containment is critical. This could be as easy...
17	Tramp ants	http://www.agriculture.gov.au/SiteCollectionIm...	Varies, depending on the species	Classic ant body shape, under 5 mm, ability t...	All Australians and international tourists hav...	Containment is critical. If you suspect you've...

	Disease Name	Image Link	Origin	identification_of_pest	what can legally come into Australia	Secure any suspect specimens
18	Airborne phytophthora	http://www.agriculture.gov.au/SiteCollectionIm...	Asia	Oomycete causing leaf spots, shoot/branch dieb...	All Australians and international tourists hav...	Containment is critical.It is important to not...
19	Huanglongbing	http://www.agriculture.gov.au/SiteCollectionIm...	Asia and Africa	Yellowing, blotchy mottling and unseasonal le...	All Australians and international tourists hav...	Containment is critical. This could be as easy...

In []: