

```

1 from bs4 import BeautifulSoup
2 import requests
3 import pandas as pd

1 # Requesting OutsideHTML of the website
2 url = 'https://sulit.ph/list-of-hospitals-in-metro-manila-with-contact-details-website-and-social-media-accounts/'
3
4 page = requests.get(url)
5
6 soup = BeautifulSoup(page.text, 'html')

1 # Finding the table from the HTML
2 table = soup.find('table')

1 # Finding the table headers
2 labels = table.find_all('th')

1 # Storing just the header values in a list
2 table_categories = [title.text for title in labels]
3 table_categories

1 # Creating a DataFrame using the columns list
2 hospitals = pd.DataFrame(columns = table_categories)
3 hospitals

```

```

1 ['CITY',
  'NAME OF HOSPITAL',
  'CONTACT NUMBER',
  'WEBSITE / EMAIL',
  'FACEBOOK LINK']

```

| CITY | NAME OF HOSPITAL | CONTACT NUMBER | WEBSITE / EMAIL | FACEBOOK LINK |
|------|------------------|----------------|-----------------|---------------|
|------|------------------|----------------|-----------------|---------------|



```

1 # Finding all the row data from the table
2 column_data = table.find_all('tr')

1 # Adding each row value into the DataFrame
2 for row in column_data[3:]:
3     row_data = row.find_all('td')
4     indiv_row_data = [data.text for data in row_data]
5
6     length = len(hospitals)
7     hospitals.loc[length] = indiv_row_data
8
9 hospitals

```

| | CITY | NAME OF HOSPITAL | CONTACT NUMBER | WEBSITE / EMAIL | |
|---|----------|---|---|------------------------------|--------------------|
| 0 | Caloocan | Caloocan City Medical Center | South 5310 7925, North 8282 3397, 0943 216 6963 | | https://www.face |
| 1 | Caloocan | Dr. Jose N. Rodriguez Memorial Hospital and Sa... | 0966 549 2697, 8294 2571 to 73 | http://djnrhm.doh.gov.ph/ | https://www.facebo |
| 2 | Caloocan | MCU – FDT Medical Foundations Hospital | 8367 2031 | https://www.mcuhospital.org/ | |

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```
1 # Saving the DataFrame as a CSV file
2 hospitals.to_csv('/content/hospitals.csv', index=False)

1 # Reading the hospitals.csv file
2 hospitals = pd.read_csv('/content/hospitals.csv')
3 hospitals.head()
```

| | CITY | NAME OF HOSPITAL | CONTACT NUMBER | WEBSITE / EMAIL |
|---|----------|------------------------------|--|--------------------------|
| 0 | Caloocan | Caloocan City Medical Center | South 5310 7925, North 8282 3397, 0943 | NaN https://www.facebook |

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```
1 # Checking the column datatypes
2 hospitals.dtypes



CITY                object
NAME OF HOSPITAL    object
CONTACT NUMBER      object
WEBSITE / EMAIL     object
FACEBOOK LINK       object
dtype: object

1 # Dropping the Website/Email and Facebook Link columns
2 hospitals = hospitals.drop(['WEBSITE / EMAIL', 'FACEBOOK LINK'], axis=1)
3 hospitals
```


| | CITY | NAME OF HOSPITAL | CONTACT NUMBER |
|-----|------------|---|---|
| 0 | Caloocan | Caloocan City Medical Center | South 5310 7925, North 8282 3397, 0943 216 6963 |
| 1 | Caloocan | Dr. Jose N. Rodriguez Memorial Hospital and Sa... | 0966 549 2697, 8294 2571 to 73 |
| 2 | Caloocan | MCU – FDT Medical Foundations Hospital | 8367 2031 |
| 3 | Caloocan | Metro Balayan Medical Center | (043) 740 1350 |
| 4 | Las Pinas | Alabang Medical Center | 8807 8189, 8850 8719 |
| ... | ... | ... | ... |
| 91 | Taguig | Medical Center of Taguig | 8888 6284 |
| 92 | Valenzuela | Allied Care Experts (ACE) Medical Center | direct line to Admission 0917 844 3654, 8332 0... |
| 93 | Valenzuela | Fatima University Medical Center | 8291 6538 |
| 94 | Valenzuela | Valenzuela Citicare Medical Center | 8860 9300, 8860 9300 |

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```
1 # Rearranging columns
2 hospitals = hospitals[['NAME OF HOSPITAL', 'CITY', 'CONTACT NUMBER']]
3 hospitals
```

| | NAME OF HOSPITAL | CITY | CONTACT NUMBER |  |
|-----|---|------------|---|---|
| 0 | Caloocan City Medical Center | Caloocan | South 5310 7925, North 8282 3397, 0943 216 6963 |  |
| 1 | Dr. Jose N. Rodriguez Memorial Hospital and Sa... | Caloocan | 0966 549 2697, 8294 2571 to 73 | |
| 2 | MCU – FDT Medical Foundations Hospital | Caloocan | 8367 2031 | |
| 3 | Metro Balayan Medical Center | Caloocan | (043) 740 1350 | |
| 4 | Alabang Medical Center | Las Pinas | 8807 8189, 8850 8719 | |
| ... | ... | ... | ... | |
| 91 | Medical Center of Taguig | Taguig | 8888 6284 | |
| 92 | Allied Care Experts (ACE) Medical Center | Valenzuela | direct line to Admission 0917 844 3654, 8332 0... | |
| 93 | Fatima University Medical Center | Valenzuela | 8291 6538 | |
| 94 | Valenzuela Citicare Medical Center | Valenzuela | 8860 9300, 8860 9300 | |

Next steps:

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```
1 # Checking for NaN values in the DataFrame
2 hospitals.isnull().sum().sum()

0
```