




asa.gov/2YMo0fF</div>]

Mars Facts

```
[5] ▶ ML #  
  
# define url and visit  
url = 'https://space-facts.com/mars/'  
browser.visit(url)
```

```
[6] ▶ ML #  
  
# html parser boiler plate  
html = browser.html  
soup = BeautifulSoup(html, 'html.parser')
```

```
[8] ▶ ML #  
  
main = soup.find('table', id='tablepress-p-mars-no-2')  
main
```

```
<table class="tablepress tablepress-id-p-mars" id="tablepress-p-mars-no-2"><tbody><tr class="row-1 odd"><td class="column-1"><strong>Equatorial Diameter:</strong></td><td class="column-2">6,792 km<br/></td></tr><tr class="row-2 even"><td class="column-1"><strong>Polar Diameter:</strong></td><td class="column-2">6,752 km<br/></td></tr><tr class="row-3 odd"><td class="column-1"><strong>Mass:</strong></td><td class="column-2">6.39 × 1023 kg<br/> (0.11 Earths)</td></tr><tr class="row-4 even"><td class="column-1"><strong>Moons:</strong></td><td class="column-2">2 (<a href="https://space-facts.com/moons/phobos/">Phobos</a> & <a href="https://space-facts.com/moons/deimos/">Deimos</a></td></tr><tr class="row-5 odd"><td class="column-1"><strong>Orbit Distance:</strong></td><td class="column-2">227,943,824 km<br/> (1.38 AU)</td></tr><tr class="row-6 even"><td class="column-1"><strong>Orbit Period:</strong></td><td class="column-2">687 days (1.9 years)<br/></td></tr><tr class="row-7 odd"><td class="column-1"><strong>Surface Temperature:</strong></td><td class="column-2">-87 to -5 °C</td></tr><tr class="row-8 even"><td class="column-1"><strong>First Recorded:</strong></td><td class="column-2">2nd millennium BC</td></tr><tr class="row-9 odd"><td class="column-1"><strong>Recorded By:</strong></td><td class="column-2">Egyptian astronomers</td></tr></tbody></table>
```

scraping may become more difficult.

- Note: Twitter frequently changes how information is presented on the website. If you are having difficulty getting the correct HTML tag data, consider researching Regular Expressions and how they can be used in combination with the `.find()` method.

```
# Example:  
mars_weather = 'Sol 1801 (Aug 30, 2017). Sunny, high -21C/-5F, low -80C/-112F, pressure at 8.82 hPa, daylight 06:09-17:51'
```

Mars Facts

- Visit the Mars Facts webpage [here](#) and use Pandas to scrape the table containing facts about the planet including Diameter, Mass, etc.
- Use Pandas to convert the data to a HTML table string.

Mars Hemispheres

- Visit the USGS Astrogeology site [here](#)