∨ Beautiful Soap for web Scraping

```python
import pandas as pd
import requests
from bs4 import BeautifulSoup
```

```python
# Define user agent
headers = {'User-Agent': 'Mozilla/5.0 (Windows NT 6.3; Win 64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.0.3987.162 Safa

# Make the request
response = requests.get('https://www.ambitionbox.com/list-of-companies?page=1', headers=headers)

# Check if the request was successful
if response.status_code == 200:
    # Parse the HTML content
    soup = BeautifulSoup(response.content, 'lxml')

    # Now you can work with the soup object
    # (e.g., find elements, extract data)
else:
    print("Failed to fetch webpage. Status code:", response.status_code)
```

```python
print(soup.head())
```

```
#ab-footer{background-color:#f6f7ff}#ab-footer.hide{display:none}#ab-footer .icon-chevron-right{transform:rotate(90deg);vertical-alig

.app-prom-banner{margin-bottom:2rem;padding:1.5rem 1rem;background:#eff1fe}.app-prom-banner--dark-bg{background:#171717}@media only s

.ab_btn{padding:7px 14px;min-width:120px;cursor:pointer;box-shadow:0 2px 6px -2px rgba(0,106,194,0.2);background-color:#5670fb;border

.toasts-wrapper[data-v-f511c30c]{position:fixed;top:3.5625rem;right:6rem;z-index:999999;display:flex;flex-direction:column;gap:.5rem
</style>, <script>bazadebezolkohpepadr="1788219938"</script>, <script defer="" src="https://www.ambitionbox.com/akam/13/6a96119f" t
```

```python
# Extract the Company Name
for n in soup.find_all('h1'):
    print(n.text.strip())
```

```
    List of companies in India
```

```python
#Extract the Company Name
for i in soup.find_all('h2'):
  print(i.text.strip())
```

```
    TCS
    Accenture
    Cognizant
    Wipro
    Capgemini
    HDFC Bank
    ICICI Bank
    Infosys
    HCLTech
    Tech Mahindra
    Genpact
    Axis Bank
    Teleperformance
    Concentrix Corporation
    Jio
    Amazon
    IBM
    Reliance Retail
    HDB Financial Services
    Larsen & Toubro Limited
    Companies by   Industry
    Companies by   Locations
    Companies by   Type
    Companies by   Badges
```

```python
#Extract the rating value
for k in soup.find_all('span',class_='companyCardWrapper__companyRatingValue'):
    print(k.text.strip())
```

```
    3.8
    4.0
    3.9
    3.8
    3.9
    4.0
    4.0
    3.8
    3.7
    3.7
    3.9
    3.9
    3.6
    3.9
    4.0
    4.1
    4.1
    3.9
    4.0
    4.1
```

```python
#Extract the all card details
for j in soup.find_all('span',class_='companyCardWrapper__interLinking'):
    print(j.text.strip())
```

```
    IT Services & Consulting | 1 Lakh+ Employees | Public | 56 years old | Mumbai +339 more
    IT Services & Consulting | 1 Lakh+ Employees | Public | 35 years old | Dublin +173 more
    IT Services & Consulting | 1 Lakh+ Employees | Forbes Global 2000 | 30 years old | Teaneck. New Jersey. +156 more
```

```
IT Services & Consulting | 1 Lakh+ Employees | Public | 79 years old | Bangalore/Bengaluru +276 more
IT Services & Consulting | 1 Lakh+ Employees | Public | 57 years old | Paris +140 more
Banking | 1 Lakh+ Employees | Public | 30 years old | Mumbai +1533 more
Banking | 1 Lakh+ Employees | Public | 30 years old | Mumbai +1276 more
IT Services & Consulting | 1 Lakh+ Employees | Public | 43 years old | Bengaluru/Bangalore +179 more
IT Services & Consulting | 1 Lakh+ Employees | Public | 33 years old | Noida +182 more
IT Services & Consulting | 1 Lakh+ Employees | Public | 38 years old | Pune +262 more
IT Services & Consulting | 1 Lakh+ Employees | Public | 27 years old | New York +107 more
Banking | 50k-1 Lakh Employees | Public | 31 years old | Mumbai +1295 more
BPO | 50k-1 Lakh Employees | Forbes Global 2000 | 46 years old | Paris +180 more
BPO | 50k-1 Lakh Employees | Public | 41 years old | Fremont +114 more
Telecom | 50k-1 Lakh Employees | Public | 17 years old | Navi Mumbai +1172 more
Internet | 1 Lakh+ Employees | Public | 30 years old | Seattle +438 more
IT Services & Consulting | 1 Lakh+ Employees | Public | 113 years old | Armonk +144 more
Retail | 1 Lakh+ Employees | 18 years old | Navi Mumbai +990 more
NBFC | 1 Lakh+ Employees | 17 years old | Ahmedabad +941 more
Engineering & Construction | 10k-50k Employees | Public | 86 years old | Mumbai +617 more
```