LAPORAN PRAKTIKUM
PRAKTIK PEMROGRAMAN PYTHON

PRAKTIKUM
WEB SCRAPPING

Disusun oleh :
Aulia Diva Sukmadevi   (V3923004)

Dosen
Yusuf Fadila Rachman. S.Kom., M.Kom

PS D-III TEKNIK INFORMATIKA
SEKOLAH VOKASI
UNIVERSITAS SEBELAS MARET
2024

A. HASIL DAN PEMBAHASAN

INPUT

1. DATA GAMBAR

```
In [20]:    1  import requests
            2  from bs4 import BeautifulSoup
            3  import csv
            4
            5  url = 'https://proxyway.com/news'
            6  r = requests.get(url)
            7
            8  soup = BeautifulSoup(r.content, 'html.parser')
            9
           10  images_list = []
           11
           12  images = soup.select('img')
           13
           14  for image in images:
           15      src = image.get('src')
           16      alt = image.get('alt')
           17      images_list.append({"src": src, "alt": alt})
           18
           19  for image in images_list:
           20      print(image)
           21
           22  with open('data gambar.csv' , 'w', encoding='UTF8') as f:
           23      writer = csv.writer(f)
           24
           25      writer.writerow(images_list)
```

2. DATA SUBJUDUL

```
In [11]:    1  import requests
            2  from bs4 import BeautifulSoup
            3  import csv
            4
            5  url = 'https://proxyway.com/news'
            6  r = requests.get(url)
            7
            8  if r.status_code == 200:
            9      soup = BeautifulSoup(r.text, 'html.parser')
           10      paragraphs = soup.find_all('h2')
           11
           12      with open('subjudul.csv', 'w', newline='', encoding='UTF8') as f:
           13          writer = csv.writer(f)
           14
           15          for paragraph in paragraphs:
           16              writer.writerow([paragraph.text])
           17              print(paragraph.text)
           18
           19  else:
           20      print('Gagal mengambil halaman:', r.status_code)
```
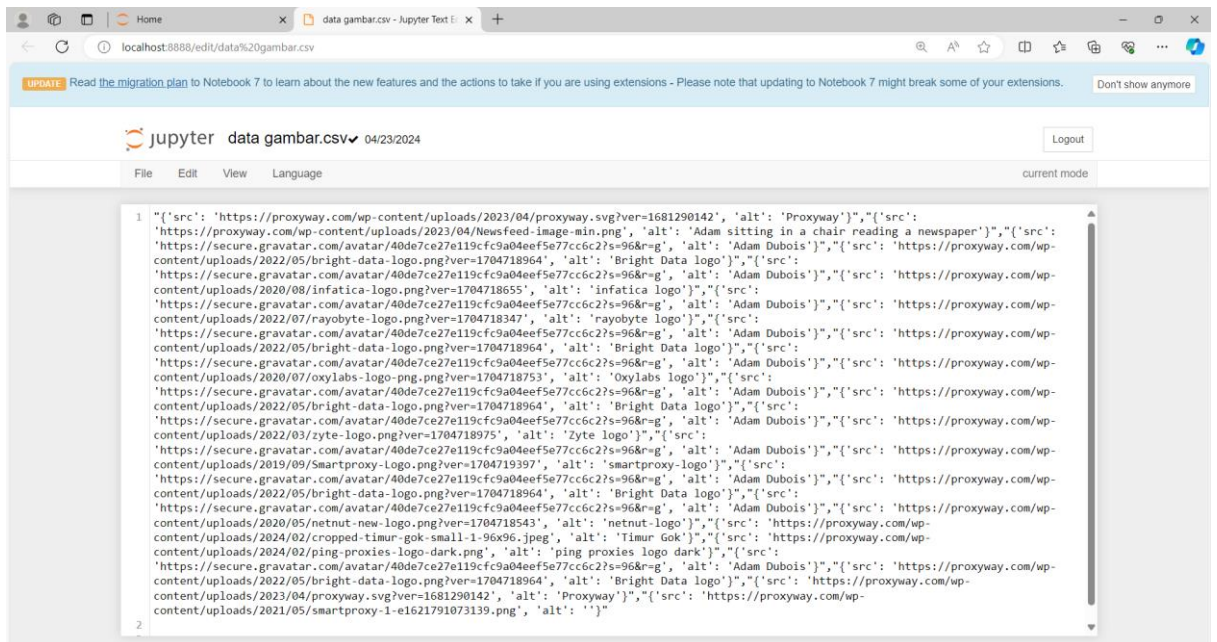
3. DATA KETERANGAN

```python
import requests
from bs4 import BeautifulSoup
import csv

url = 'https://proxyway.com/news'

response = requests.get(url)

if response.status_code == 200:
    soup = BeautifulSoup(response.content, 'html.parser')
    div_elements = soup.find_all('div', attrs={'data-widget_type': 'theme-post-excerpt.default'})

    if div_elements:

        with open('keterangan.csv', 'w', newline='', encoding='utf-8') as csvfile:
            csvwriter = csv.writer(csvfile)

            for div_element in div_elements:
                inner_div = div_element.find('div', class_='elementor-widget-container')
                if inner_div:
                    text_content = inner_div.get_text(strip=True)
                    csvwriter.writerow([text_content])
                    print(text_content)
else:
    print(f'Gagal mengambil halaman. Status code: {response.status_code}')
```

OUTPUT

1. DATA GAMBAR

```
{'src': 'https://proxyway.com/wp-content/uploads/2023/04/proxyway.svg?ver=1681290142', 'alt': 'Proxyway'}
{'src': 'https://proxyway.com/wp-content/uploads/2023/04/Newsfeed-image-min.png', 'alt': 'Adam sitting in a chair reading a new spaper'}
{'src': 'https://secure.gravatar.com/avatar/40de7ce27e119cfc9a04eef5e77cc6c2?s=96&r=g', 'alt': 'Adam Dubois'}
{'src': 'https://proxyway.com/wp-content/uploads/2022/05/bright-data-logo.png?ver=1704718964', 'alt': 'Bright Data logo'}
{'src': 'https://secure.gravatar.com/avatar/40de7ce27e119cfc9a04eef5e77cc6c2?s=96&r=g', 'alt': 'Adam Dubois'}
{'src': 'https://proxyway.com/wp-content/uploads/2020/08/infatica-logo.png?ver=1704718655', 'alt': 'infatica logo'}
{'src': 'https://secure.gravatar.com/avatar/40de7ce27e119cfc9a04eef5e77cc6c2?s=96&r=g', 'alt': 'Adam Dubois'}
{'src': 'https://proxyway.com/wp-content/uploads/2022/07/rayobyte-logo.png?ver=1704718347', 'alt': 'rayobyte logo'}
{'src': 'https://secure.gravatar.com/avatar/40de7ce27e119cfc9a04eef5e77cc6c2?s=96&r=g', 'alt': 'Adam Dubois'}
{'src': 'https://proxyway.com/wp-content/uploads/2022/05/bright-data-logo.png?ver=1704718964', 'alt': 'Bright Data logo'}
{'src': 'https://secure.gravatar.com/avatar/40de7ce27e119cfc9a04eef5e77cc6c2?s=96&r=g', 'alt': 'Adam Dubois'}
{'src': 'https://proxyway.com/wp-content/uploads/2020/07/oxylabs-logo-png.png?ver=1704718753', 'alt': 'Oxylabs logo'}
{'src': 'https://secure.gravatar.com/avatar/40de7ce27e119cfc9a04eef5e77cc6c2?s=96&r=g', 'alt': 'Adam Dubois'}
{'src': 'https://proxyway.com/wp-content/uploads/2022/05/bright-data-logo.png?ver=1704718964', 'alt': 'Bright Data logo'}
{'src': 'https://secure.gravatar.com/avatar/40de7ce27e119cfc9a04eef5e77cc6c2?s=96&r=g', 'alt': 'Adam Dubois'}
{'src': 'https://proxyway.com/wp-content/uploads/2022/03/zyte-logo.png?ver=1704718975', 'alt': 'Zyte logo'}
{'src': 'https://secure.gravatar.com/avatar/40de7ce27e119cfc9a04eef5e77cc6c2?s=96&r=g', 'alt': 'Adam Dubois'}
{'src': 'https://proxyway.com/wp-content/uploads/2019/09/Smartproxy-Logo.png?ver=1704719397', 'alt': 'smartproxy-logo'}
{'src': 'https://secure.gravatar.com/avatar/40de7ce27e119cfc9a04eef5e77cc6c2?s=96&r=g', 'alt': 'Adam Dubois'}
{'src': 'https://proxyway.com/wp-content/uploads/2022/05/bright-data-logo.png?ver=1704718964', 'alt': 'Bright Data logo'}
{'src': 'https://secure.gravatar.com/avatar/40de7ce27e119cfc9a04eef5e77cc6c2?s=96&r=g', 'alt': 'Adam Dubois'}
{'src': 'https://proxyway.com/wp-content/uploads/2020/05/netnut-new-logo.png?ver=1704718543', 'alt': 'netnut-logo'}
{'src': 'https://proxyway.com/wp-content/uploads/2024/02/cropped-timur-gok-small-1-96x96.jpeg', 'alt': 'Timur Gok'}
{'src': 'https://proxyway.com/wp-content/uploads/2024/02/ping-proxies-logo-dark.png', 'alt': 'ping proxies logo dark'}
{'src': 'https://secure.gravatar.com/avatar/40de7ce27e119cfc9a04eef5e77cc6c2?s=96&r=g', 'alt': 'Adam Dubois'}
{'src': 'https://proxyway.com/wp-content/uploads/2022/05/bright-data-logo.png?ver=1704718964', 'alt': 'Bright Data logo'}
{'src': 'https://proxyway.com/wp-content/uploads/2023/04/proxyway.svg?ver=1681290142', 'alt': 'Proxyway'}
{'src': 'https://proxyway.com/wp-content/uploads/2021/05/smartproxy-1-e1621791073139.png', 'alt': ''}
```
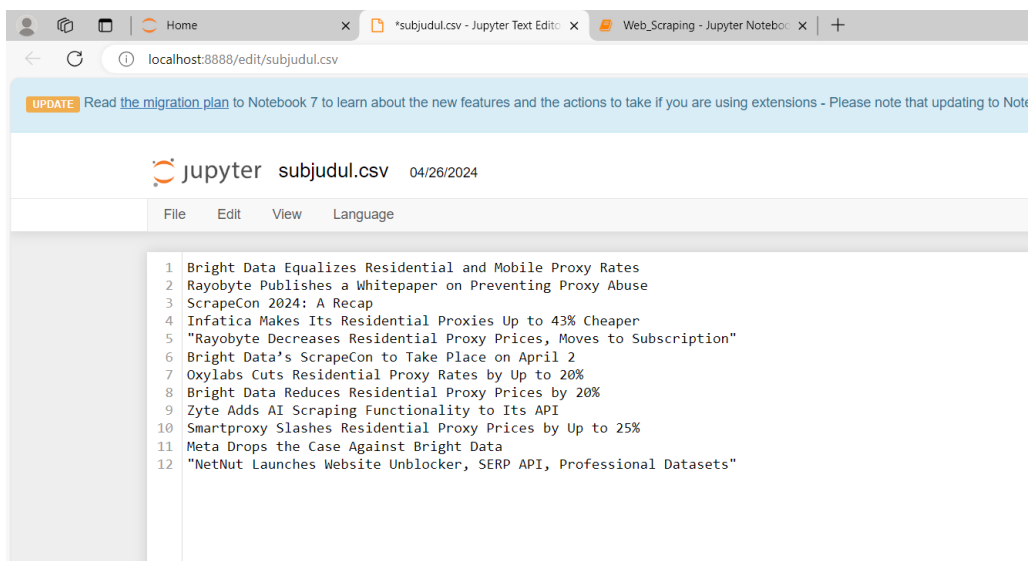
Dalam Bentuk CSV

2. DATA SUBJUDUL

```
Bright Data Equalizes Residential and Mobile Proxy Rates
Rayobyte Publishes a Whitepaper on Preventing Proxy Abuse
ScrapeCon 2024: A Recap
Infatica Makes Its Residential Proxies Up to 43% Cheaper
Rayobyte Decreases Residential Proxy Prices, Moves to Subscription
Bright Data's ScrapeCon to Take Place on April 2
Oxylabs Cuts Residential Proxy Rates by Up to 20%
Bright Data Reduces Residential Proxy Prices by 20%
Zyte Adds AI Scraping Functionality to Its API
Smartproxy Slashes Residential Proxy Prices by Up to 25%
Meta Drops the Case Against Bright Data
NetNut Launches Website Unblocker, SERP API, Professional Datasets
```

Dalam bentuk CSV

3. DATA KETERANGAN

In essence, the provider's mobile proxies just got 65% cheaper.
The document describes Rayobyte's three-pronged approach against bad actors.
Our impressions from Bright Data's first virtual conference on web scraping.
The provider's plans now give significantly more traffic for the same price.
The new rates are up to 50% cheaper in lower ranges.
The rescheduled web scraping event will proceed in a week.
The reduction affects three entry plans.
The second round of price cuts continues.
The tool can now crawl, unblock, and parse websites using AI and an optional no-code interface.
It's the second price cut in less than a year.
The dispute results in a complete win for the data collection infrastructure provider.
The Israeli proxy provider moves up the data extraction value chain.

Dalam Bentuk CSV

Home ✕ | keterangan.csv - Jupyter Text Edi ✕ | +

localhost:8888/edit/keterangan.csv

UPDATE Read the migration plan to Notebook 7 to learn about the new features and the actions to take if you are using extensions - Please note that updating to N

jupyter **keterangan.csv** ✔ 04/29/2024

File   Edit   View   Language

```
 1  "In essence, the provider's mobile proxies just got 65% cheaper."
 2  The document describes Rayobyte's three-pronged approach against bad actors.
 3  Our impressions from Bright Data's first virtual conference on web scraping.
 4  The provider's plans now give significantly more traffic for the same price.
 5  The new rates are up to 50% cheaper in lower ranges.
 6  The rescheduled web scraping event will proceed in a week.
 7  The reduction affects three entry plans.
 8  The second round of price cuts continues.
 9  "The tool can now crawl, unblock, and parse websites using AI and an optional no-code interface."
10  It's the second price cut in less than a year.
11  The dispute results in a complete win for the data collection infrastructure provider.
12  The Israeli proxy provider moves up the data extraction value chain.
13
```