

Gathering carpet image data

```
In [1]: # Ignore the Warning Messages
import warnings
warnings.filterwarnings('ignore')
```

```
In [2]: from glob import glob
from PIL import Image
```

Reflection on the approach of data gathering.

Scrapping based on keywords gathering carpet images will be a tedious and lengthy process. My previous search has shown that there is no publicly available carpet database; however, I can find websites displaying Azerbaijani carpets and scrape them directly than scrapping the wider net. After a bit of research, I have found a [website](http://www.azerbaijanrugs.com/guide/index.htm) (<http://www.azerbaijanrugs.com/guide/index.htm>) hosting more than 2000 Azerbaijani and broader Caucasus/Persian region carpets categorized by carpet schools and regions. As manual download of 2000+ images will take "forever", I decided to write a script to automate the download process of the photos from this website directly. I used this [course](https://www.codecademy.com/learn/learn-web-scrapping?g_network=g&g_device=c&g_adid=525668108565&g_keyword=python%20beautifulsoup%20039-7011&g_adtype=search&g_campaign=US+Language%3A+Pro+-+Exact&g_keywordid=kwd-652592749664&g_campaignid=10030170700&g_adgroupid=102526217178&utm_id=t_kwd-652592749664:ag_102526217178:cp_10030170700:n_g:d_c&utm_term=python%20beautifuls%20Exact&utm_source=google&utm_medium=paid-search&utm_content=525668108565&hsa_acc=2430397011&hsa_cam=10030170700&hsa_gr_652592749664&hsa_kw=python%20beautifulsoup%20tutorial&hsa_mt=e&hsa_net=adwords&yT2xoCFQMQA_vD_BwE) (https://www.codecademy.com/learn/learn-web-scrapping?g_network=g&g_device=c&g_adid=525668108565&g_keyword=python%20beautifulsoup%20039-7011&g_adtype=search&g_campaign=US+Language%3A+Pro+-+Exact&g_keywordid=kwd-652592749664&g_campaignid=10030170700&g_adgroupid=102526217178&utm_id=t_kwd-652592749664:ag_102526217178:cp_10030170700:n_g:d_c&utm_term=python%20beautifuls%20Exact&utm_source=google&utm_medium=paid-search&utm_content=525668108565&hsa_acc=2430397011&hsa_cam=10030170700&hsa_gr_652592749664&hsa_kw=python%20beautifulsoup%20tutorial&hsa_mt=e&hsa_net=adwords&yT2xoCFQMQA_vD_BwE) to learn basics of how to scrap website and put together the algorithm.

We can see that this approach is way more fruitful as we got just from one category 186 unique carpet images. Hence, by categorically scrapping this website, I can get 2000+ original high-quality carpet images which would be enough for the training of the GAN models with some additional techniques.

Data Gathering Caveats

During the data gathering of the images, i have decided to exclude images which were in black/white coloring, severely damaged and blurry as they would add noise to the data and can distort the models which will be applied onto them.

```
In [3]: import requests
import os
from tqdm import tqdm
from bs4 import BeautifulSoup as bs
from urllib.parse import urljoin, urlparse
```

```
In [4]: def is_valid(url):
        """
            Checks if a given URL is valid.
        """
        parsed_url = urlparse(url)
        return bool(parsed_url.netloc) and bool(parsed_url.scheme)
```

In [5]: *# A core function that grabs all image URLs of a webpage*

```
def grab_images(url):
    """
        Finds and gives back all image URLs on a given webpage
    """

    soup = bs(requests.get(url).content, "html.parser")

    urls = []

    # extract all img tags in HTML
    for img in tqdm(soup.find_all("img"), "Extracting images"):
        img_url = img.attrs.get("src")
        if not img_url:
            # if img does not contain src attribute => skip
            continue
        # make the URL absolute by joining domain with the URL that is
        img_url = urljoin(url, img_url)

        # remove HTTP GET key-value pairs
        try:
            pos = img_url.index("?")
            img_url = img_url[:pos]
        except ValueError:
            pass

        # check if the url is valid
        if is_valid(img_url):
            urls.append(img_url)
    return urls
```

```
In [6]: name):

age given a URL and puts it in the selected folder

    exist, make that path a new directory
ir(pathname):
thname)
ownload the body of response
s.get(url, stream=True)
le size
sponse.headers.get("Content-Length", 0))
e
.join(pathname, url.split("/")[-1])
anging the unit to bytes instead of iteration (default by tqdm)
sponse.iter_content(1024), f"Downloading {filename}", total=file_size,
, "wb") as f:
ogress.iterable:
ta read to the file
ta)
he progress bar manually
pdate(len(data))
```

```
In [7]: def main(url, path):
        # get all images
        imgs = grab_images(url)
        for img in imgs:
            # for each image, download it
            download(img, path)
```

Scrapping Kuba Region Carpets

1. ANTIQUE CAUCASIAN AZERBAIJANI SEYCHOUR / SEICHOUR RUGS AND CARPETS

I removed the loading code lines in further cells as I have to rerun the notebook sometimes when kernels dies out :) So, I'm just showing here how I have implemented loading in first place.

```
In [ ]: for i in range(121):
        main(f"http://www.azerbaijanrugs.com/guide/kuba/kuba_rug{i}.htm",
```

```
In [68]: from matplotlib import pyplot as plt
# Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-syechour-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded = 0
carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 224
The total number of all loaded images is: 224

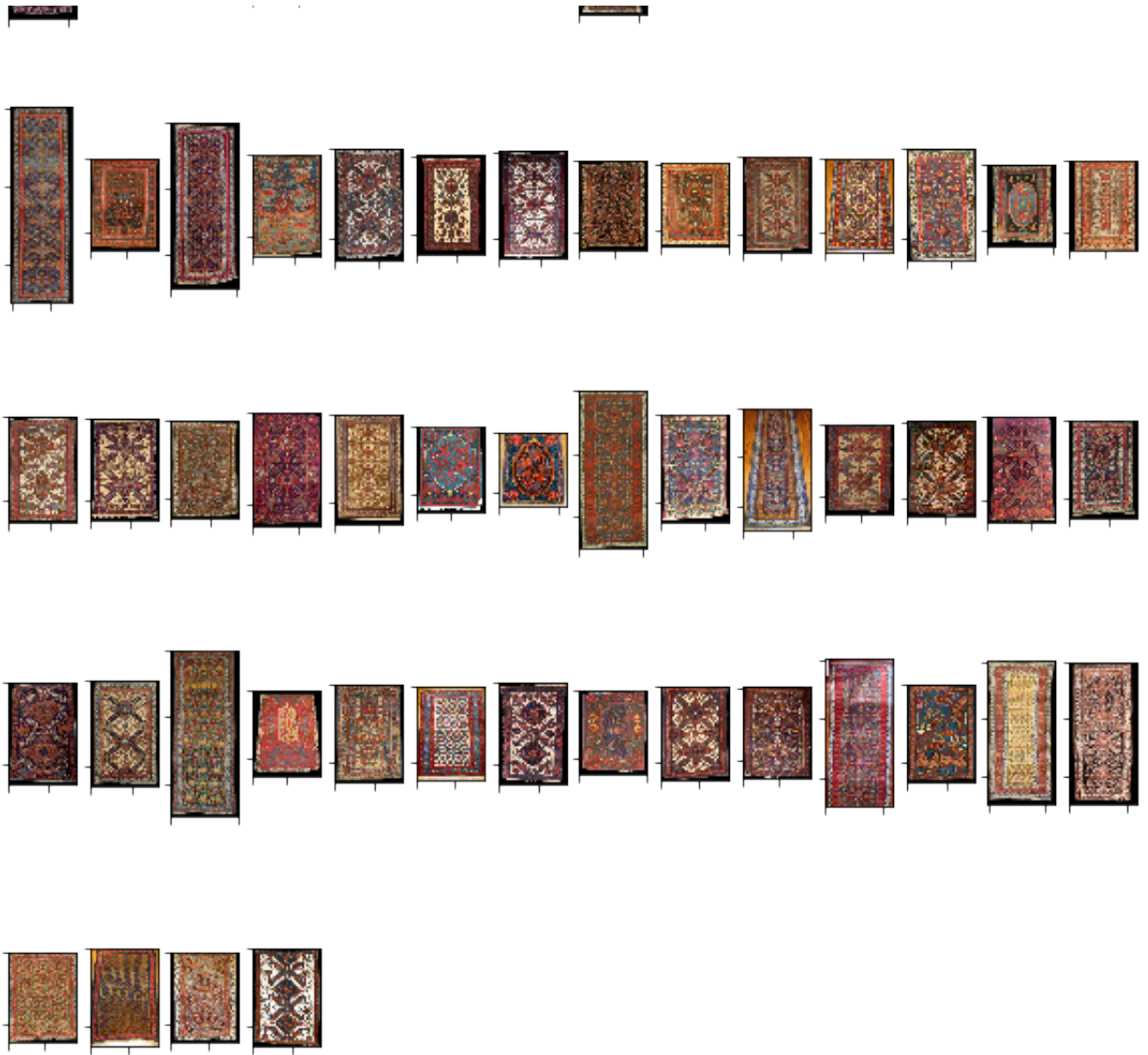
We can see that this approach is way more fruitful as we got just from one category 225 unique carpet images. Hence, by categorically scrapping this website, I can get 2000+ original high-quality carpet images which would be enough for the training of the GAN models with some additional techniques.

```
In [32]: # Showing the images
plt.figure(figsize=(14 * 14, 14 * 2))
plt.subplots_adjust(bottom=0, left=.01, right=.05, top=.90, hspace=.35)

for i, image in enumerate(images_left):
    plt.subplot(14, 14, i+1).set_yticklabels([])
    plt.subplot(14, 14, i+1).set_xticklabels([])
    plt.imshow(image)
```







2. ANTIQUE CAUCASIAN AZERBAIJANI ALPAN RUGS AND CARPETS

```
In [69]: # Checking the number of images loaded
# Placeholder for all images

#placeholder for currently loaded images
images_loaded = []
for img_path in glob('kuba-alpan-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 138
The total number of all loaded images is: 362

3. ANTIQUE EASTERN AZERBAIJANI SOUMAK CARPETS

```
In [70]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-sumakh-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 191
The total number of all loaded images is: 553

4. ANTIQUE CAUCASIAN DRAGON SUMAKH RUGS, AZERBAIJAN

```
In [71]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-dragon-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 50
The total number of all loaded images is: 603

5. ANTIQUE CAUCASIAN KUBA KARAGASHLI RUGS AND CARPETS


```
In [72]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-karagashli-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loade
```

The number of loaded images is: 69
The total number of all loaded images is: 672

6. ANTIQUE CAUCASIAN EASTERN AZERBAIJANI MEDALLION & GUBBA (GUBPA) RUGS AND CARPETS

```
In [73]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-shirvan-medallion-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loade
```

The number of loaded images is: 231
The total number of all loaded images is: 903

7. ANTIQUE CAUCASIAN KUBA SUNBURST ZEJWA RUGS AND CARPETS

```
In [74]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-zejwa-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loade
```

The number of loaded images is: 52
The total number of all loaded images is: 955

8. ANTIQUE KUBA FLORAL & HERALDIC PALMETTE PATTERN RUGS AND CARPETS ("MOLLA KAMALLY" DESIGN), AZERBAIJAN

```
In [75]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-molla_kamalli-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 10
The total number of all loaded images is: 965

9. ANTIQUE CAUCASIAN KUBA PIREBEDIL / PEREPEDIL RUGS

```
In [76]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-perepedill-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 71
The total number of all loaded images is: 1036

10. ANTIQUE CAUCASIAN KUBA SYRT CHICHI AND KHYRDAGUL CHICHI PRAYER RUGS AND CARPETS

```
In [77]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-chichi-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loade
```

The number of loaded images is: 131
The total number of all loaded images is: 1167

11. ANTIQUE CAUCASIAN KUBA GOLLU CHICHI RUGS AND CARPETS, AZERBAIJAN

```
In [78]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-gollu-chichi-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loade
```

The number of loaded images is: 40
The total number of all loaded images is: 1207

12. ANTIQUE CAUCASIAN KUBA RUGS AND CARPETS (various/uncategorized)

```
In [79]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-other-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loade
```

The number of loaded images is: 206
The total number of all loaded images is: 1413

13. ANTIQUE CAUCASIAN AZERBAIJANI KUBA LATTICE FIELD RUGS AND CARPETS

```
In [80]: # Checking the number of images loaded
# Placeholder for images
from matplotlib import pyplot as plt
images_loaded = []
for img_path in glob('kuba-tekye-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 176

The total number of all loaded images is: 1589

14. ANTIQUE CAUCASIAN AZERBAIJANI ZEYVE (ALSO MISTAKENLY NAMED AS LESGHI STAR) RUGS AND CARPETS

```
In [81]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-zeyve-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 215

The total number of all loaded images is: 1804

15. ANTIQUE KUBA "PALMETTE AND CURLED LEAF" MOTIF RUGS AND CARPETS (SO CALLED "KUBA BIDJOV" RUGS), AZERBAIJAN

```
In [82]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-biliji-lajadi-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loade
```

The number of loaded images is: 52

The total number of all loaded images is: 1856

16. ANTIQUE CAUCASIAN EASTERN AZERBAIJANI (KUBA, BAKU, SHIELD) SHIELD RUGS AND CARPETS

```
In [83]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-shield-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loade
```

The number of loaded images is: 98

The total number of all loaded images is: 1954

17. ANTIQUE CAUCASIAN KUBA AFSHAN RUGS AND CARPETS (SO CALLED "UGAH" VERSION)

```
In [84]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-afshan-ugah-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loade
```

The number of loaded images is: 37

The total number of all loaded images is: 1991

18. ANTIQUE CAUCASIAN EASTERN AZERBAIJAN AFSHAN RUGS AND CARPETS

```
In [85]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-afshan-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 142

The total number of all loaded images is: 2133

19. ANTIQUE KUBA AFURJA RUGS AND CARPETS, AZERBAIJAN

```
In [86]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-afurja-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 18

The total number of all loaded images is: 2151

20. ANTIQUE KUBA HAJI GAIB RUGS AND CARPETS, AZERBAIJAN


```
In [87]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-hajigaib-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loade
```

The number of loaded images is: 29
The total number of all loaded images is: 2180

21. ANTIQUE KUBA GRYZ & JEK RUGS AND CARPETS, MOUNTAINOUS KUBA REGION, AZERBAIJAN

```
In [88]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-gyryz-jek-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loade
```

The number of loaded images is: 22
The total number of all loaded images is: 2202

22. ANTIQUE CAUCASIAN KONAGKEND RUGS AND CARPETS, AZERBAIJAN

```
In [89]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-konagkend-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loade
```

The number of loaded images is: 19
The total number of all loaded images is: 2221

23. ANTIQUE KUBA PALMETTE RUGS AND CARPETS ("YERFI" DESIGN), AZERBAIJAN

```
In [90]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-yerfi-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 6

The total number of all loaded images is: 2227

24. ANTIQUE KUBA FLOWERING SHRUBS (SALMA SÖYÜD) RUGS AND CARPETS, AZERBAIJAN

```
In [91]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-salmasoyud-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 18

The total number of all loaded images is: 2245

25. ANTIQUE AZERBAIJANI CAUCASIAN KUBA KILIMS

```
In [92]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-kilim-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_load
```

The number of loaded images is: 27

The total number of all loaded images is: 2272

26. ANTIQUE KUBA GYMYL RUGS AND CARPETS, AZERBAIJAN

```
In [93]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kuba-gymyl-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of all loaded images is:", carpet_images_load
```

The number of loaded images is: 45

The total number of all loaded images is: 2317

Scrapping Carpets from Baku region

1. ANTIQUE BAKU KHILA BUTA (BOTEH) RUG

```
In [8]: links_buta = ["http://www.azerbaijanrugs.com/guide/baku/khila-boteh/ar
            "http://www.azerbaijanrugs.com/guide/baku/khila-boteh/ant
            "http://www.azerbaijanrugs.com/guide/baku/khila-boteh/ant
            "http://www.azerbaijanrugs.com/guide/baku/khila-boteh/ant
            "http://www.azerbaijanrugs.com/guide/baku/khila-boteh/ant
            "http://www.azerbaijanrugs.com/guide/baku/khila-boteh/ant

for i in range(len(links_buta)):
    main(links_buta[i], "antique-baku-khila-buta-carpet")
```

```
Extracting images: 100%|██████████| 3/3 [00:00<00:00, 6553.60it/s]
Downloading antique-baku-khila-buta-carpet/arfp-pr2.gif: 100%|██████████
██████| 17.1k/17.1k [00:00<00:00, 85.2kB/s]
Downloading antique-baku-khila-buta-carpet/antique-baku-khila-buta-ca
rpet-azerbaijan-carpet-museum.jpg: 100%|██████████| 232k/232k [00:00<
00:00, 274kB/s]
Downloading antique-baku-khila-buta-carpet/antique-baku-khila-buta-ca
rpet-azerbaijan-carpet-museum-a.jpg: 100%|██████████| 652k/652k [00:0
1<00:00, 561kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 9010.32it/s]
Downloading antique-baku-khila-buta-carpet/arfp-pr2.gif: 100%|██████████
██████| 17.1k/17.1k [00:00<00:00, 91.4kB/s]
Downloading antique-baku-khila-buta-carpet/antique-baku-khila-buta-ca
rpet-LaTorre-Alberto_Boralevi-Splendori_di_Citta.jpg: 100%|██████████
| 2.00M/2.00M [00:01<00:00, 1.11MB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 9310.33it/s]
Downloading antique-baku-khila-buta-carpet/arfp-pr2.gif: 100%|██████████
██████| 17.1k/17.1k [00:00<00:00, 90.3kB/s]
Downloading antique-baku-khila-buta-carpet/antique_baku_khila_boteh_r
ug_museum_baku11_11_2006_161.jpg: 100%|██████████| 173k/173k [00:00<
```

```
In [95]: # Checking the number of images loaded
        # Placeholder for images
        images_loaded = []
        for img_path in glob('antique-baku-khila-buta-carpet/*'):
            images_loaded.append(plt.imread(img_path, 0))

        carpet_images_loaded += len(images_loaded)
        # baku carpet count
        baku_carpets = 0
        baku_carpets = len(images_loaded)
        print("The number of loaded images is:", len(images_loaded))
        print("The total number of Baku loaded images is:", baku_carpets)
        print("The total number of all loaded images is:", carpet_images_loade
```

```
The number of loaded images is: 8
The total number of Baku loaded images is: 8
The total number of all loaded images is: 2325
```

2. ANTIQUE BAKU SURAHANI / SURAKHANI RUGS

```
In [97]: for i in range(3):
         main(f"http://www.azerbaijanrugs.com/guide/baku/surakhani/antique_
```

```
Extracting images: 100%|██████████| 1/1 [00:00<00:00, 4064.25it/s]
Downloading antique-surakhani-baku-carpets/arfp-pr2.gif: 100%|██████████|
██████| 17.1k/17.1k [00:00<00:00, 88.1kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7660.83it/s]
Downloading antique-surakhani-baku-carpets/arfp-pr2.gif: 100%|██████████|
██████| 17.1k/17.1k [00:00<00:00, 89.5kB/s]
Downloading antique-surakhani-baku-carpets/antique_baku_surahani_rug1
.jpg: 100%|██████████| 706k/706k [00:01<00:00, 576kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 6246.17it/s]
Downloading antique-surakhani-baku-carpets/arfp-pr2.gif: 100%|██████████|
██████| 17.1k/17.1k [00:00<00:00, 90.5kB/s]
Downloading antique-surakhani-baku-carpets/antique_baku_surahani_rug2
.jpg: 100%|██████████| 693k/693k [00:01<00:00, 565kB/s]
```

```
In [99]: # Checking the number of images loaded
         # Placeholder for images
         images_loaded = []
         for img_path in glob('antique-surakhani-baku-carpets/*'):
             images_loaded.append(plt.imread(img_path, 0))

         carpet_images_loaded += len(images_loaded)
         # baku carpet count
         baku_carpets += len(images_loaded)
         print("The number of loaded images is:", len(images_loaded))
         print("The total number of Baku loaded images is:", baku_carpets)
         print("The total number of all loaded images is:", carpet_images_loade
```

```
The number of loaded images is: 2
The total number of Baku loaded images is: 18
The total number of all loaded images is: 2335
```

3. ANTIQUE SHIELD BAKU RUGS

```
In [100]: for i in range(8):
          main(f"http://www.azerbaijanrugs.com/guide/baku/shield-baku/antiqu
```

```
Extracting images: 100%|██████████| 1/1 [00:00<00:00, 3934.62it/s]
Downloading antique-shield-baku-carpets/arfp-pr2.gif: 100%|██████████|
| 17.1k/17.1k [00:00<00:00, 89.6kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 4175.51it/s]
Downloading antique-shield-baku-carpets/arfp-pr2.gif: 100%|██████████|
| 17.1k/17.1k [00:00<00:00, 86.0kB/s]
Downloading antique-shield-baku-carpets/antique_baku_shield_rug1.jpg:
100%|██████████| 354k/354k [00:01<00:00, 292kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 9351.85it/s]
Downloading antique-shield-baku-carpets/arfp-pr2.gif: 100%|██████████|
| 17.1k/17.1k [00:00<00:00, 54.9kB/s]
Downloading antique-shield-baku-carpets/antique_baku_shield_rug2.jpg:
100%|██████████| 924k/924k [00:01<00:00, 670kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7269.16it/s]
Downloading antique-shield-baku-carpets/arfp-pr2.gif: 100%|██████████|
| 17.1k/17.1k [00:00<00:00, 89.7kB/s]
Downloading antique-shield-baku-carpets/antique_baku_shield_rug3.jpg:
100%|██████████| 607k/607k [00:01<00:00, 510kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 5777.28it/s]
Downloading antique-shield-baku-carpets/arfp-pr2.gif: 100%|██████████|
```

```
In [101]: # Checking the number of images loaded
          # Placeholder for images
          images_loaded = []
          for img_path in glob('antique-shield-baku-carpets/*'):
              images_loaded.append(plt.imread(img_path, 0))

          carpet_images_loaded += len(images_loaded)
          # baku carpet count
          baku_carpets += len(images_loaded)
          print("The number of loaded images is:", len(images_loaded))
          print("The total number of Baku loaded images is:", baku_carpets)
          print("The total number of all loaded images is:", carpet_images_loaded)
```

```
The number of loaded images is: 7
The total number of Baku loaded images is: 25
The total number of all loaded images is: 2342
```

4. EARLY BAKU RUGS AND CARPETS


```
In [115]: for i in range(2):
          main(f"http://www.azerbaijanrugs.com/guide/baku/antique-baku-rugs-
```

Extracting images: 0%| | 0/2 [00:00<?, ?it/s]

Extracting images: 100%|██████████| 2/2 [00:00<00:00, 3839.18it/s]

Downloading early-antique-baku-carpet/arfp-pr2.gif: 0%| |
0.00/17.1k [00:00<?, ?B/s]

Downloading early-antique-baku-carpet/arfp-pr2.gif: 82%|██████████|
14.0k/17.1k [00:00<00:00, 76.5kB/s]

```
In [114]: for i in range(5):
          main(f"http://www.azerbaijanrugs.com/guide/baku/antique-baku-rugs-
```

Downloading early-antique-baku-carpet/antique_baku_rug3.jpg: 37%|██████████
| 48.0k/128k [00:00<00:00, 98.4kB/s]

Downloading early-antique-baku-carpet/antique_baku_rug3.jpg: 58%|██████████
| 74.0k/128k [00:00<00:00, 119kB/s]

Downloading early-antique-baku-carpet/antique_baku_rug3.jpg: 80%|██████████
| 103k/128k [00:00<00:00, 144kB/s]

Downloading early-antique-baku-carpet/antique_baku_rug3.jpg: 100%|██████████
| 128k/128k [00:00<00:00, 199kB/s]

```
In [103]: for i in range(5):  
          main(f"http://www.azerbaijanrugs.com/guide/baku/antique-baku-rugs-
```

```
Extracting images: 100%|██████████| 1/1 [00:00<00:00, 4064.25it/s]  
Downloading early-antique-baku-carpets/arfp-pr2.gif: 100%|██████████|  
17.1k/17.1k [00:00<00:00, 89.1kB/s]  
Extracting images: 100%|██████████| 4/4 [00:00<00:00, 11015.90it/s]  
Downloading early-antique-baku-carpets/arfp-pr2.gif: 100%|██████████|  
17.1k/17.1k [00:00<00:00, 89.6kB/s]  
Downloading early-antique-baku-carpets/antique_baku_rug1.jpg: 100%|██████████|  
██████████| 227k/227k [00:00<00:00, 281kB/s]  
Downloading early-antique-baku-carpets/antique_baku_rug1a.jpg: 100%|██████████|  
██████████| 161k/161k [00:00<00:00, 231kB/s]  
Downloading early-antique-baku-carpets/antique_baku_rug1b.jpg: 100%|██████████|  
██████████| 79.4k/79.4k [00:00<00:00, 161kB/s]  
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7403.89it/s]  
Downloading early-antique-baku-carpets/arfp-pr2.gif: 100%|██████████|  
17.1k/17.1k [00:00<00:00, 88.5kB/s]  
Downloading early-antique-baku-carpets/antique_baku_rug2.jpg: 100%|██████████|  
██████████| 199k/199k [00:00<00:00, 255kB/s]  
Extracting images: 100%|██████████| 3/3 [00:00<00:00, 9807.41it/s]  
Downloading early-antique-baku-carpets/arfp-pr2.gif: 100%|██████████|  
17.1k/17.1k [00:00<00:00, 89.0kB/s]  
Downloading early-antique-baku-carpets/antique_baku_rug3.jpg: 100%|██████████|  
██████████| 128k/128k [00:00<00:00, 196kB/s]  
Downloading early-antique-baku-carpets/antique_baku_rug3a.jpg: 100%|██████████|  
██████████| 124k/124k [00:00<00:00, 188kB/s]  
Extracting images: 100%|██████████| 1/1 [00:00<00:00, 3847.99it/s]  
Downloading early-antique-baku-carpets/arfp-pr2.gif: 100%|██████████|  
17.1k/17.1k [00:00<00:00, 86.6kB/s]
```

```
In [108]: nums = [14, 107, 99, 73, 71, 58, 88, 117, 100, 38, 18, 59, 65, 63, 86, 84]
for i in nums:
    main(f"http://www.azerbaijanrugs.com/guide/kuba/kuba-afshan/antiqu
```

```
Extracting images: 0%|          | 0/2 [00:00<?, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 2680.92it/s]
Downloading early-antique-baku-carpets/arfp-pr2.gif: 0%|          |
0.00/17.1k [00:00<?, ?B/s]
Downloading early-antique-baku-carpets/arfp-pr2.gif: 82%|██████████|
14.0k/17.1k [00:00<00:00, 71.5kB/s]
Downloading early-antique-baku-carpets/arfp-pr2.gif: 100%|██████████|
17.1k/17.1k [00:00<00:00, 83.3kB/s]
Downloading early-antique-baku-carpets/afshan14.jpg: 0%|          |
0.00/189k [00:00<?, ?B/s]
Downloading early-antique-baku-carpets/afshan14.jpg: 7%|          |
14.0k/189k [00:00<00:02, 77.0kB/s]
Downloading early-antique-baku-carpets/afshan14.jpg: 20%|██████    |
37.0k/189k [00:00<00:01, 96.4kB/s]
Downloading early-antique-baku-carpets/afshan14.jpg: 25%|██████    |
48.0k/189k [00:00<00:01, 98.3kB/s]
Downloading early-antique-baku-carpets/afshan14.jpg: 39%|██████    |
74.0k/189k [00:00<00:00, 121kB/s]
Downloading early-antique-baku-carpets/afshan14.jpg: 55%|██████    |
```

```
In [119]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('early-antique-baku-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# baku carpet count
baku_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Baku loaded images is:", baku_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

```
The number of loaded images is: 25
The total number of Baku loaded images is: 68
The total number of all loaded images is: 2385
```

5. ANTIQUE BAKU VILLAGE RUGS

```
In [111]: for i in range(7):
          main(f"http://www.azerbaijanrugs.com/guide/baku/village-rugs/antic
```

Extracting images: 0%| | 0/1 [00:00<?, ?it/s]

Extracting images: 100%| | 1/1 [00:00<00:00, 1923.11it/s]

Downloading baku-village-carpets/arfp-pr2.gif: 0%| | 0.00/
17.1k [00:00<?, ?B/s]

Downloading baku-village-carpets/arfp-pr2.gif: 82%| | 14.0k
/17.1k [00:00<00:00, 74.6kB/s]

Downloading baku-village-carpets/arfp-pr2.gif: 100%| | 17.1k
/17.1k [00:00<00:00, 87.4kB/s]

```
In [112]: # Checking the number of images loaded
          # Placeholder for images
          images_loaded = []
          for img_path in glob('baku-village-carpets/*'):
              images_loaded.append(plt.imread(img_path, 0))

          carpet_images_loaded += len(images_loaded)
          # baku carpet count
          baku_carpets += len(images_loaded)
          print("The number of loaded images is:", len(images_loaded))
          print("The total number of Baku loaded images is:", baku_carpets)
          print("The total number of all loaded images is:", carpet_images_loade
```

The number of loaded images is: 6

The total number of Baku loaded images is: 55

The total number of all loaded images is: 2372

6. ANTIQUE BAKU RUGS WITH OCTAGONAL MEDALLIONS

```
In [116]: for i in range(7):
          main(f"http://www.azerbaijanrugs.com/guide/baku/medallion-rugs/ant
```

Extracting images: 0%| | 0/1 [00:00<?, ?it/s]

Extracting images: 100%|██████████| 1/1 [00:00<00:00, 1375.63it/s]

Downloading baku-medallion-carpets/arfp-pr2.gif: 0%| | 0.0
0/17.1k [00:00<?, ?B/s]

```
In [120]: # Checking the number of images loaded
          # Placeholder for images
          images_loaded = []
          for img_path in glob('baku-medallion-carpets/*'):
              images_loaded.append(plt.imread(img_path, 0))

          carpet_images_loaded += len(images_loaded)
          # baku carpet count
          baku_carpets += len(images_loaded)
          print("The number of loaded images is:", len(images_loaded))
          print("The total number of Baku loaded images is:", baku_carpets)
          print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 6
The total number of Baku loaded images is: 68
The total number of all loaded images is: 2385

ANTIQUE AZERBAIJANI CAUCASIAN SHIRVAN RUGS AND CARPETS

1. ANTIQUE SHIRVAN "AKSTAFI BIRD" (SALYAN QUSHLU) RUGS AND CARPETS

```
In [121]: for i in range(80):
          main(f"http://www.azerbaijanrugs.com/guide/shirvan/akstafa/antique")
```

Extracting images: 0it [00:00, ?it/s]

Extracting images: 0%| | 0/2 [00:00<?, ?it/s]

Extracting images: 100%|██████████| 2/2 [00:00<00:00, 2389.92it/s]

```
In [124]: # Checking the number of images loaded
          # Placeholder for images
          images_loaded = []
          for img_path in glob('shirvan-akstafa-carpet*'):
              images_loaded.append(plt.imread(img_path, 0))

          carpet_images_loaded += len(images_loaded)
          # shirvan carpet count
          shirvan_carpets = 0
          shirvan_carpets += len(images_loaded)
          print("The number of loaded images is:", len(images_loaded))
          print("The total number of Shirvan loaded images is:", shirvan_carpets)
          print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 98

The total number of Shirvan loaded images is: 98

The total number of all loaded images is: 2483

2. ANTIQUE SHIRVAN SALYAN / SALIANI RUGS AND CARPETS


```
In [126]: for i in range(60):  
          main(f"http://www.azerbaijanrugs.com/guide/shirvan/saliani/antique")
```

```
In [127]: # Checking the number of images loaded  
          # Placeholder for images  
          images_loaded = []  
          for img_path in glob('shirvan-saliani-carpets/*'):  
              images_loaded.append(plt.imread(img_path, 0))  
  
          carpet_images_loaded += len(images_loaded)  
          # shirvan carpet count  
          shirvan_carpets += len(images_loaded)  
          print("The number of loaded images is:", len(images_loaded))  
          print("The total number of Shirvan loaded images is:", shirvan_carpets)  
          print("The total number of all loaded images is:", carpet_images_loaded)
```

```
The number of loaded images is: 59  
The total number of Shirvan loaded images is: 157  
The total number of all loaded images is: 2542
```

3. ANTIQUE "AKSTAFÄ" / SALYAN PRAYER RUGS

```
In [128]: for i in range(88):  
          main(f"http://www.azerbaijanrugs.com/guide/shirvan/akstafa-prayer/
```

```
In [129]: # Checking the number of images loaded  
          # Placeholder for images  
          images_loaded = []  
          for img_path in glob('shirvan-akstafa-prayer-carpets/*'):  
              images_loaded.append(plt.imread(img_path, 0))  
  
          carpet_images_loaded += len(images_loaded)  
          # shirvan carpet count  
          shirvan_carpets += len(images_loaded)  
          print("The number of loaded images is:", len(images_loaded))  
          print("The total number of Shirvan loaded images is:", shirvan_carpets)  
          print("The total number of all loaded images is:", carpet_images_loaded)
```

```
The number of loaded images is: 76  
The total number of Shirvan loaded images is: 233  
The total number of all loaded images is: 2618
```

4. ANTIQUE SHIRVAN RUGS WITH STAR MEDALLIONS

```
In [130]: for i in range(21):  
          main(f"http://www.azerbaijanrugs.com/guide/shirvan/shirvan-star/ar
```

```
In [132]: # Checking the number of images loaded  
          # Placeholder for images  
          images_loaded = []  
          for img_path in glob('shirvan-star-carpets/*'):  
              images_loaded.append(plt.imread(img_path, 0))  
  
          carpet_images_loaded += len(images_loaded)  
          # shirvan carpet count  
          shirvan_carpets += len(images_loaded)  
          print("The number of loaded images is:", len(images_loaded))  
          print("The total number of Shirvan loaded images is:", shirvan_carpets)  
          print("The total number of all loaded images is:", carpet_images_loaded)
```

```
The number of loaded images is: 21  
The total number of Shirvan loaded images is: 254  
The total number of all loaded images is: 2639
```

5. Early Shirvan rugs


```
In [135]: for i in range(38):  
          main(f"http://www.azerbaijanrugs.com/guide/shirvan/shirvan-shield/
```

```
In [136]: # Checking the number of images loaded  
          # Placeholder for images  
          images_loaded = []  
          for img_path in glob('shirvan-shield-carpets/*'):  
              images_loaded.append(plt.imread(img_path, 0))  
  
          carpet_images_loaded += len(images_loaded)  
          # shirvan carpet count  
          shirvan_carpets += len(images_loaded)  
          print("The number of loaded images is:", len(images_loaded))  
          print("The total number of Shirvan loaded images is:", shirvan_carpets)  
          print("The total number of all loaded images is:", carpet_images_loaded)
```

```
The number of loaded images is: 39  
The total number of Shirvan loaded images is: 331  
The total number of all loaded images is: 2716
```

7. Antique Shirvan Kilims

```
In [137]: for i in range(160):  
          main(f"http://www.azerbaijanrugs.com/guide/shirvan/kilims/antique_
```

```
In [138]: # Checking the number of images loaded  
          # Placeholder for images  
          images_loaded = []  
          for img_path in glob('shirvan-kilim-carpets/*'):  
              images_loaded.append(plt.imread(img_path, 0))  
  
          carpet_images_loaded += len(images_loaded)  
          # shirvan carpet count  
          shirvan_carpets += len(images_loaded)  
          print("The number of loaded images is:", len(images_loaded))  
          print("The total number of Shirvan loaded images is:", shirvan_carpets)  
          print("The total number of all loaded images is:", carpet_images_loaded)
```

```
The number of loaded images is: 179  
The total number of Shirvan loaded images is: 510  
The total number of all loaded images is: 2895
```

8. Antique Shirvan Kabistan ("Marasali") Prayer rugs


```
In [139]: for i in range(150):  
          main(f"http://www.azerbaijanrugs.com/guide/shirvan/kabistan/antiqu
```

```
In [141]: # Checking the number of images loaded  
          # Placeholder for images  
          images_loaded = []  
          for img_path in glob('shirvan-kabistan-carpets/*'):  
              images_loaded.append(plt.imread(img_path, 0))  
  
          carpet_images_loaded += len(images_loaded)  
          # shirvan carpet count  
          shirvan_carpets += len(images_loaded)  
          print("The number of loaded images is:", len(images_loaded))  
          print("The total number of Shirvan loaded images is:", shirvan_carpets)  
          print("The total number of all loaded images is:", carpet_images_loaded)
```

```
The number of loaded images is: 93  
The total number of Shirvan loaded images is: 603  
The total number of all loaded images is: 2988
```

9. Antique Shirvan Bijo rugs

```
In [142]: for i in range(30):  
          main(f"http://www.azerbaijanrugs.com/guide/shirvan/bidjov/antique_
```

```
In [144]: # Checking the number of images loaded  
          # Placeholder for images  
          images_loaded = []  
          for img_path in glob('shirvan-bidjov-carpets/*'):  
              images_loaded.append(plt.imread(img_path, 0))  
  
          carpet_images_loaded += len(images_loaded)  
          # shirvan carpet count  
          shirvan_carpets += len(images_loaded)  
          print("The number of loaded images is:", len(images_loaded))  
          print("The total number of Shirvan loaded images is:", shirvan_carpets)  
          print("The total number of all loaded images is:", carpet_images_loaded)
```

```
The number of loaded images is: 31  
The total number of Shirvan loaded images is: 634  
The total number of all loaded images is: 3019
```

10. Antique Shirvan Pictorial rugs

```
In [143]: for i in range(48):  
          main(f"http://www.azerbaijanrugs.com/guide/shirvan/pictorial/antic
```

```
In [147]: # Checking the number of images loaded  
          # Placeholder for images  
          images_loaded = []  
          for img_path in glob('shirvan-pictorial-carpets/*'):  
              images_loaded.append(plt.imread(img_path, 0))  
  
          carpet_images_loaded += len(images_loaded)  
          # shirvan carpet count  
          shirvan_carpets += len(images_loaded)  
          print("The number of loaded images is:", len(images_loaded))  
          print("The total number of Shirvan loaded images is:", shirvan_carpets)  
          print("The total number of all loaded images is:", carpet_images_loaded)
```

```
The number of loaded images is: 24  
The total number of Shirvan loaded images is: 658  
The total number of all loaded images is: 3043
```

11. Antique Shirvan Prayer rugs with various designs (~130 rugs displayed)

```
In [148]: for i in range(130):  
          main(f"http://www.azerbaijanrugs.com/guide/shirvan/prayer-rugs/ant")
```

```
In [161]: # Checking the number of images loaded  
          # Placeholder for images  
          images_loaded = []  
          for img_path in glob('shirvan-prayer-various-carpets/*'):  
              images_loaded.append(plt.imread(img_path, 0))  
  
          carpet_images_loaded += len(images_loaded)  
          # shirvan carpet count  
          shirvan_carpets += len(images_loaded)  
          print("The number of loaded images is:", len(images_loaded))  
          print("The total number of Shirvan loaded images is:", shirvan_carpets)  
          print("The total number of all loaded images is:", carpet_images_loaded)
```

```
The number of loaded images is: 127  
The total number of Shirvan loaded images is: 785  
The total number of all loaded images is: 3170
```

12. Antique Shirvan Marasali rugs (~160 antique Marasali rugs are exhibited)

```
In [149]: for i in range(160):  
          main(f"http://www.azerbaijanrugs.com/guide/shirvan/marasali/antiqu
```

```
In [162]: # Checking the number of images loaded  
          # Placeholder for images  
          images_loaded = []  
          for img_path in glob('shirvan-marasali-carpets/*'):  
              images_loaded.append(plt.imread(img_path, 0))  
  
          carpet_images_loaded += len(images_loaded)  
          # shirvan carpet count  
          shirvan_carpets += len(images_loaded)  
          print("The number of loaded images is:", len(images_loaded))  
          print("The total number of Shirvan loaded images is:", shirvan_carpets)  
          print("The total number of all loaded images is:", carpet_images_loaded)
```

```
The number of loaded images is: 108  
The total number of Shirvan loaded images is: 893  
The total number of all loaded images is: 3278
```

ANTIQUÉ NAKHCHIVAN RUGS AND FLATWEAVES

```
In [25]: for i in range(10):
         main(f"http://www.azerbaijanrugs.com/guide/nakhchivan/antique_nakhchivan/antique_nakhchivan_{i}.jpg")
```

```
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 4984.32it/s]
Downloading nakhchivan-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 81.0kB/s]
Downloading nakhchivan-carpets/antique_nakhchivan_shadda1.jpg: 100%|██████████| 263k/263k [00:00<00:00, 300kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7043.33it/s]
Downloading nakhchivan-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 83.1kB/s]
Downloading nakhchivan-carpets/antique_nakhchivan_shadda2.jpg: 100%|██████████| 313k/313k [00:01<00:00, 255kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 6759.56it/s]
Downloading nakhchivan-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 83.9kB/s]
Downloading nakhchivan-carpets/antique_nakhchivan_shadda3.jpg: 100%|██████████| 199k/199k [00:00<00:00, 249kB/s]
Extracting images: 0it [00:00, ?it/s]
Extracting images: 0it [00:00, ?it/s]
Extracting images: 0it [00:00, ?it/s]
Extracting images: 0it [00:00, ?it/s]
Extracting images: 0it [00:00, ?it/s]
Extracting images: 0it [00:00, ?it/s]
```

```
In [30]: from matplotlib import pyplot as plt
         # Checking the number of images loaded
         # Placeholder for images
         images_loaded = []
         for img_path in glob('nakhchivan-carpets/*'):
             images_loaded.append(plt.imread(img_path, 0))

         carpet_images_loaded += len(images_loaded)
         # nakhchivan carpet count
         nakhchivan_carpets = 0
         nakhchivan_carpets += len(images_loaded)
         print("The number of loaded images is:", len(images_loaded))
         print("The total number of Nakhchivan loaded images is:", nakhchivan_carpets)
         print("The total number of all loaded images is:", carpet_images_loaded)
```

```
The number of loaded images is: 34
The total number of Nakhchivan loaded images is: 34
The total number of all loaded images is: 3346
```

ANTIQUÉ GANJA (GENJE, GENDJE, GENDGE) RUGS - "ANCIENT GANJA" DESIGN

```
In [31]: for i in range(40):
         main(f"http://www.azerbaijanrugs.com/guide/ganja/ancient-ganja/ant
```

```
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7043.33it/s]
Downloading ganja-carpet/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k
[00:00<00:00, 87.2kB/s]
Downloading ganja-carpet/antique_ganja_rug1.jpg: 100%|██████████| 97
.2k/97.2k [00:00<00:00, 167kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7244.05it/s]
Downloading ganja-carpet/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k
[00:00<00:00, 87.7kB/s]
Downloading ganja-carpet/antique_ganja_rug2.jpg: 100%|██████████| 12
4k/124k [00:00<00:00, 189kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7543.71it/s]
Downloading ganja-carpet/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k
[00:00<00:00, 84.9kB/s]
Downloading ganja-carpet/antique_ganja_rug3.jpg: 100%|██████████| 23
1k/231k [00:00<00:00, 248kB/s]
Extracting images: 100%|██████████| 4/4 [00:00<00:00, 15265.89it/s]
Downloading ganja-carpet/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k
[00:00<00:00, 65.9kB/s]
Downloading ganja-carpet/antique_ganja_rug4.jpg: 100%|██████████| 21
```

```
In [44]: from matplotlib import pyplot as plt
         # Checking the number of images loaded
         # Placeholder for images
         images_loaded = []
         for img_path in glob('ganja-carpet/*'):
             images_loaded.append(plt.imread(img_path, 0))

         carpet_images_loaded += len(images_loaded)
         # ganja carpet count
         ganja_carpet = 0
         ganja_carpet += len(images_loaded)
         print("The number of loaded images is:", len(images_loaded))
         print("The total number of Ganja loaded images is:", ganja_carpet)
         print("The total number of all loaded images is:", carpet_images_loaded)
```

```
The number of loaded images is: 62
The total number of Ganja loaded images is: 62
The total number of all loaded images is: 3408
```

ANTIQUAZERBAIJANI CAUCASIAN KAZAK RUGS AND CARPETS

I have added manually 19 images to the folder from <http://www.qazax.net/en/carpets.htm>
(<http://www.qazax.net/en/carpets.htm>)

```
In [59]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('qazax-carpet*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# qazax carpet count
qazax_carpets = 0
qazax_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Qazax loaded images is:", qazax_carpets)
print("The total number of all loaded images is:", carpet_images_loade
```

The number of loaded images is: 19
The total number of Qazax loaded images is: 19
The total number of all loaded images is: 3427

1. EARLY KAZAK RUGS

```
In [67]: for i in range(2):
        main(f"http://www.azerbaijanrugs.com/guide/kazak/various/antique_c
```

Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7250.31it/s]
Downloading early-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k/
17.1k [00:00<00:00, 85.2kB/s]
Downloading early-qazax-carpet/antique_caucasian_kazak_rug204-sotheb
ys.jpg: 100%|██████████| 172k/172k [00:00<00:00, 222kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7781.64it/s]
Downloading early-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k/
17.1k [00:00<00:00, 87.3kB/s]
Downloading early-qazax-carpet/antique_caucasian_kazak_rug204-sotheb
ys.jpg: 100%|██████████| 172k/172k [00:00<00:00, 211kB/s]


```
In [68]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('early-qazax-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# qazax carpet count
qazax_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Qazax loaded images is:", qazax_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 19
The total number of Qazax loaded images is: 19
The total number of all loaded images is: 3446

2. ANTIQUE STAR KAZAK / SHIKHLI RUGS AND CARPETS, AZERBAIJAN

```
In [70]: for i in range(40):
        main(f"http://www.azerbaijanrugs.com/guide/kazak/star-kazak/antiqu")
```

```
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7294.44it/s]
Downloading star-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 90.1kB/s]
Downloading star-qazax-carpets/star_kazak_shikhli_rug1.jpg: 100%|██████████| 140k/140k [00:00<00:00, 202kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 6967.28it/s]
Downloading star-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 84.4kB/s]
Downloading star-qazax-carpets/star_kazak_shikhli_rug2_type_a.jpg: 100%|██████████| 218k/218k [00:00<00:00, 270kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 12069.94it/s]
Downloading star-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 83.5kB/s]
Downloading star-qazax-carpets/star_kazak_shikhli_rug3_type_a.jpg: 100%|██████████| 158k/158k [00:00<00:00, 219kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 8886.24it/s]
Downloading star-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 84.4kB/s]
Downloading star-qazax-carpets/star_kazak_shikhli_rug4_type_a.jpg: 100%|██████████| 158k/158k [00:00<00:00, 219kB/s]
```

```
In [72]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('star-qazax-carpet/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# qazax carpet count
qazax_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Qazax loaded images is:", qazax_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 53
The total number of Qazax loaded images is: 91
The total number of all loaded images is: 3499

3. ANTIQUE KAZAK KARACHOP RUGS AND CARPETS

```
In [73]: 1):
/www.azerbaijanrugs.com/guide/kazak/karachop/antique-caucasian-kazak-k
```

```
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 9010.32it/s]
Downloading karachop-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 87.2kB/s]
Downloading karachop-qazax-carpet/antique_kazak_karachop_rug1.jpg: 100%|██████████| 281k/281k [00:00<00:00, 309kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7384.34it/s]
Downloading karachop-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 86.5kB/s]
Downloading karachop-qazax-carpet/antique_kazak_karachop_rug2.jpg: 100%|██████████| 167k/167k [00:00<00:00, 223kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7225.33it/s]
Downloading karachop-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 87.4kB/s]
Downloading karachop-qazax-carpet/antique_kazak_karachop_rug3.jpg: 100%|██████████| 199k/199k [00:00<00:00, 236kB/s]
Extracting images: 100%|██████████| 6/6 [00:00<00:00, 16049.63it/s]
Downloading karachop-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 62.9kB/s]
Downloading karachop-qazax-carpet/antique_kazak_karachop_rug4.jpg: 100%|██████████| 17.1k/17.1k [00:00<00:00, 87.2kB/s]
```

```
In [76]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('karachop-qazax-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# qazax carpet count
qazax_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Qazax loaded images is:", qazax_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 143
The total number of Qazax loaded images is: 234
The total number of all loaded images is: 3642

4. ANTIQUE KAZAK PRAYER RUGS

```
In [77]: for i in range(50):
        main(f"http://www.azerbaijanrugs.com/guide/kazak/prayer-rugs/antic")
```

```
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7121.00it/s]
Downloading prayer-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 87.1kB/s]
Downloading prayer-qazax-carpets/antique_kazak_prayer_rug28.jpg: 100%
|██████████| 139k/139k [00:00<00:00, 174kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 5289.16it/s]
Downloading prayer-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 73.5kB/s]
Downloading prayer-qazax-carpets/antique_kazak_prayer_rug29.jpg: 100%
|██████████| 232k/232k [00:00<00:00, 258kB/s]
Extracting images: 100%|██████████| 3/3 [00:00<00:00, 9709.04it/s]
Downloading prayer-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 87.1kB/s]
Downloading prayer-qazax-carpets/antique_kazak_prayer_rug30.jpg: 100%
|██████████| 381k/381k [00:01<00:00, 333kB/s]
Downloading prayer-qazax-carpets/antique_kazak_prayer_rug30a.jpg: 100
%|██████████| 122k/122k [00:00<00:00, 187kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 3301.30it/s]
Downloading prayer-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 88.9kB/s]
Downloading prayer-qazax-carpets/antique_kazak_prayer_rug31.jpg: 100%
```

```
In [79]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('prayer-qazax-carpet/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# qazax carpet count
qazax_carpet_count += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Qazax loaded images is:", qazax_carpet_count)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 52
The total number of Qazax loaded images is: 286
The total number of all loaded images is: 3694

5. ANTIQUE KAZAK RUGS WITH THE "TURTLE" MEDALLIONS

```
In [80]: for i in range(25):
    main(f"http://www.azerbaijanrugs.com/guide/kazak/turtle/antique_ca")
```

```
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7244.05it/s]
Downloading turtle-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 84.4kB/s]
Downloading turtle-qazax-carpet/antique_kazak_turtle_rug1_bonhams.jp
g: 100%|██████████| 362k/362k [00:01<00:00, 343kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7653.84it/s]
Downloading turtle-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 86.9kB/s]
Downloading turtle-qazax-carpet/antique_kazak_turtle_rug2.jpg: 100%|
██████████| 148k/148k [00:00<00:00, 210kB/s]
Extracting images: 100%|██████████| 4/4 [00:00<00:00, 11907.18it/s]
Downloading turtle-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 84.9kB/s]
Downloading turtle-qazax-carpet/antique_kazak_turtle_rug3.jpg: 100%|
██████████| 261k/261k [00:00<00:00, 295kB/s]
Downloading turtle-qazax-carpet/antique_kazak_turtle_rug3b.jpg: 100%
|██████████| 159k/159k [00:00<00:00, 209kB/s]
Downloading turtle-qazax-carpet/antique_kazak_turtle_rug3c.jpg: 100%
|██████████| 159k/159k [00:00<00:00, 143kB/s]
```

```
In [81]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('turtle-qazax-carpet/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# qazax carpet count
qazax_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Qazax loaded images is:", qazax_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 25
The total number of Qazax loaded images is: 311
The total number of all loaded images is: 3719

6. ANTIQUE SHIELD KAZAK RUGS

```
In [82]: for i in range(120):
        main(f"http://www.azerbaijanrugs.com/guide/kazak/shield-kazak/anti")
```

```
Extracting images: 0it [00:00, ?it/s]
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 6927.01it/s]
Downloading shield-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 83.9kB/s]
Downloading shield-qazax-carpet/antique_shield_kazak_rug2_azadi.jpg:
100%|██████████| 465k/465k [00:01<00:00, 417kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 8035.07it/s]
Downloading shield-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 85.4kB/s]
Downloading shield-qazax-carpet/antique_shield_kazak_rug3_1313.JPG:
100%|██████████| 915k/915k [00:01<00:00, 568kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 8027.38it/s]
Downloading shield-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 87.4kB/s]
Downloading shield-qazax-carpet/antique_shield_kazak_rug4_namazlig.j
pg: 100%|██████████| 175k/175k [00:00<00:00, 211kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 6944.21it/s]
Downloading shield-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 83.9kB/s]
```

```
In [83]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('shield-qazax-carpet/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# qazax carpet count
qazax_carpet_count += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Qazax loaded images is:", qazax_carpet_count)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 122
The total number of Qazax loaded images is: 433
The total number of all loaded images is: 3841

7. ANTIQUE KAZAK / GENDJE / BORDJALOU DISTRICTS "CHAJLI" RUGS

```
In [84]: for i in range(20):
    main(f"http://www.azerbaijanrugs.com/guide/kazak/chajli/antique_ca")
```

```
██████████ | 419k/419k [00:01<00:00, 394kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 6996.34it/s]
Downloading chajli-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 86.5kB/s]
Downloading chajli-qazax-carpet/antique-chajli-kazak-rug9.jpg: 100%|
██████████| 789k/789k [00:01<00:00, 544kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 10768.43it/s]
Downloading chajli-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 82.8kB/s]
Downloading chajli-qazax-carpet/antique-chajli-kazak-rug10.jpg: 100%
|██████████| 408k/408k [00:01<00:00, 384kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 9177.91it/s]
Downloading chajli-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 87.6kB/s]
Downloading chajli-qazax-carpet/antique-chajli-kazak-rug11.jpg: 100%
|██████████| 419k/419k [00:01<00:00, 394kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7139.24it/s]
Downloading chajli-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 84.1kB/s]
Downloading chajli-qazax-carpet/antique-chajli-kazak-rug12_gendje.jp
-: 100%|██████████| 650k/650k [00:01<00:00, 527kB/s]
```

```
In [85]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('chajli-qazax-carpet/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# qazax carpet count
qazax_carpet_count += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Qazax loaded images is:", qazax_carpet_count)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 16
The total number of Qazax loaded images is: 449
The total number of all loaded images is: 3857

8. ANTIQUE KAZAK RUGS WITH MOGHAN (MEMLING) GULS

```
In [86]: for i in range(80):
    main(f"http://www.azerbaijanrugs.com/guide/kazak/kazak-moghan/anti")
```

```
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7169.75it/s]
Downloading moghan-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 87.4kB/s]
Downloading moghan-qazax-carpet/antique-kazak-moghan-rug1_koller.jpg
: 100%|██████████| 567k/567k [00:01<00:00, 455kB/s]
Extracting images: 100%|██████████| 3/3 [00:00<00:00, 15215.13it/s]
Downloading moghan-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 86.1kB/s]
Downloading moghan-qazax-carpet/antique-kazak-moghan-rug2_memling.jp
g: 100%|██████████| 123k/123k [00:00<00:00, 150kB/s]
Downloading moghan-qazax-carpet/antique-kazak-moghan-rug2a_memling.j
pg: 100%|██████████| 5.98k/5.98k [00:00<00:00, 5.39MB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7326.30it/s]
Downloading moghan-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 77.4kB/s]
Downloading moghan-qazax-carpet/antique-kazak-moghan-rug3_memling.jp
g: 100%|██████████| 297k/297k [00:01<00:00, 230kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 6136.51it/s]
Downloading moghan-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
```

```
In [87]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('moghan-qazax-carpet/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# qazax carpet count
qazax_carpet_count += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Qazax loaded images is:", qazax_carpet_count)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 62
The total number of Qazax loaded images is: 511
The total number of all loaded images is: 3919

9. ANTIQUE KAZAK KILIMS (Gazakh Kilimleri, Gazakh qezasi (uyzed), Elisabethpol (Gendje) Governate, late 19th-early 20th centuries)

```
In [88]: for i in range(30):
    main(f"http://www.azerbaijanrugs.com/guide/kazak/kilims/antique_ca")
```

```
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 6892.86it/s]
Downloading kilims-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 87.8kB/s]
Downloading kilims-qazax-carpet/antique_kazak_kilim1.jpg: 100%|██████████|
██████████| 399k/399k [00:01<00:00, 372kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 6326.25it/s]
Downloading kilims-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 84.0kB/s]
Downloading kilims-qazax-carpet/antique_kazak_kilim2_caucasian.jpg:
100%|██████████| 553k/553k [00:01<00:00, 461kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 8405.42it/s]
Downloading kilims-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 86.6kB/s]
Downloading kilims-qazax-carpet/antique_kazak_kilim3_caucasian.jpg:
100%|██████████| 144k/144k [00:00<00:00, 207kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 5749.56it/s]
Downloading kilims-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k
/17.1k [00:00<00:00, 87.3kB/s]
Downloading kilims-qazax-carpet/antique_kazak_kilim4_caucasian.jpg:
```



```
In [89]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kilims-qazax-carpet/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# qazax carpet count
qazax_carpet_count += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Qazax loaded images is:", qazax_carpet_count)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 36
The total number of Qazax loaded images is: 547
The total number of all loaded images is: 3955

10. ANTIQUE KAZAK RUGS WITH THE RAMS HORN MOTIF (BORDJALOU RAMS HORN RUGS ARE NOT INCLUDED HERE)

```
In [90]: for i in range(20):
    main(f"http://www.azerbaijanrugs.com/guide/kazak/rams-horn/antique")
```

```
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7300.79it/s]
Downloading rams-horn-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17
.1k/17.1k [00:00<00:00, 91.8kB/s]
Downloading rams-horn-qazax-carpet/antique_kazak_rams_horn_rug1_knigh
ts_antique.jpg: 100%|██████████| 236k/236k [00:00<00:00, 248kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7219.11it/s]
Downloading rams-horn-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17
.1k/17.1k [00:00<00:00, 85.8kB/s]
Downloading rams-horn-qazax-carpet/antique_kazak_rams_horn_rug2_pete
r_pap_oriental_rugs.jpg: 100%|██████████| 341k/341k [00:01<00:00, 340
kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 9218.25it/s]
Downloading rams-horn-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17
.1k/17.1k [00:00<00:00, 86.6kB/s]
Downloading rams-horn-qazax-carpet/antique_kazak_rams_horn_rug3_soth
ebys_abe_kaoud.jpg: 100%|██████████| 173k/173k [00:01<00:00, 143kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 6114.15it/s]
Downloading rams-horn-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17
.1k/17.1k [00:00<00:00, 60.5kB/s]
```

```
In [91]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('rams-horn-qazax-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# qazax carpet count
qazax_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Qazax loaded images is:", qazax_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 13
The total number of Qazax loaded images is: 560
The total number of all loaded images is: 3968

11. ANTIQUE KAZAK KARVANSARAY RUGS

```
In [92]: for i in range(4):
        main(f"http://www.azerbaijanrugs.com/guide/kazak/karavansaray/anti")
```

Extracting images: 100%|██████████| 1/1 [00:00<00:00, 3548.48it/s]
Downloading karavansaray-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 86.7kB/s]
Extracting images: 100%|██████████| 4/4 [00:00<00:00, 10873.11it/s]
Downloading karavansaray-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 85.0kB/s]
Downloading karavansaray-qazax-carpets/antique-kazak-karavansaray-rug1-a-aserbaidshan-kasak.JPG: 100%|██████████| 284k/284k [00:00<00:00, 311kB/s]
Downloading karavansaray-qazax-carpets/antique-kazak-karavansaray-rug1-a-aserbaidshan-kasak-actual%20knot%20density.jpg: 100%|██████████| 221k/221k [00:00<00:00, 274kB/s]
Downloading karavansaray-qazax-carpets/antique-kazak-karavansaray-rug1-b-aserbaidshan-kasak-backside-closer%20photo-fringes.JPG: 100%|██████████| 463k/463k [00:01<00:00, 422kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 10242.50it/s]
Downloading karavansaray-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 87.2kB/s]
Downloading karavansaray-qazax-carpets/antique-kazak-karavansaray-rug2-a-aserbaidshan-kasak.JPG: 100%|██████████| 821k/821k [00:01<00:00, 585kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 4619.28it/s]
Downloading karavansaray-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 85.2kB/s]
Downloading karavansaray-qazax-carpets/antique-kazak-karavansaray-rug3-a-aserbaidshan-kasak.jpg: 100%|██████████| 798k/798k [00:01<00:00, 574kB/s]

```
In [93]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('karavansaray-qazax-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# qazax carpet count
qazax_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Qazax loaded images is:", qazax_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 3
The total number of Qazax loaded images is: 563
The total number of all loaded images is: 3971

12. ANTIQUE TOVUZ (TAUS) RUGS, SHAMSHADDIL DISTRICT, AZERBAIJAN

```
In [94]: for i in range(40):
    main(f"http://www.azerbaijanrugs.com/guide/kazak/tovuz/antique_ca")
```

```
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 9664.29it/s]
Downloading tovuz-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 86.1kB/s]
Downloading tovuz-qazax-carpets/antique-kazak-tovuz-rug1-taus.jpg: 100%|██████████| 147k/147k [00:00<00:00, 207kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7358.43it/s]
Downloading tovuz-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 86.1kB/s]
Downloading tovuz-qazax-carpets/antique-kazak-tovuz-rug2-taus.jpg: 100%|██████████| 299k/299k [00:00<00:00, 320kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7244.05it/s]
Downloading tovuz-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 86.7kB/s]
Downloading tovuz-qazax-carpets/antique-kazak-tovuz-rug3-taus_baltali.jpg: 100%|██████████| 342k/342k [00:01<00:00, 333kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 10305.42it/s]
Downloading tovuz-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 88.1kB/s]
Downloading tovuz-qazax-carpets/antique-kazak-tovuz-rug4-taus-simil
```

```
In [96]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('tovuz-qazax-carpet/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# qazax carpet count
qazax_carpet_count += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Qazax loaded images is:", qazax_carpet_count)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 46
The total number of Qazax loaded images is: 609
The total number of all loaded images is: 4017

13. ANTIQUE KAZAK AND GENDJE RUGS WITH "AKSTAFI BIRD" DESIGN

```
In [95]: for i in range(12):
    main(f"http://www.azerbaijanrugs.com/guide/kazak/akstafa/antique_c")
```

Extracting images: 100%|██████████| 3/3 [00:00<00:00, 11904.36it/s]
Downloading akstafa-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 87.3kB/s]
Downloading akstafa-qazax-carpet/antique_kazak_akstafa_rug10.jpg: 100%|██████████| 126k/126k [00:00<00:00, 161kB/s]
Downloading akstafa-qazax-carpet/antique_kazak_akstafa_rug10a.jpg: 100%|██████████| 125k/125k [00:01<00:00, 106kB/s]
Extracting images: 100%|██████████| 3/3 [00:00<00:00, 9709.04it/s]
Downloading akstafa-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 64.2kB/s]
Downloading akstafa-qazax-carpet/antique_kazak_akstafa_rug1_farnham_antique_carpet.jpg: 100%|██████████| 265k/265k [00:01<00:00, 201kB/s]
Downloading akstafa-qazax-carpet/antique_kazak_akstafa_rug1_farnham_antique_carpet%20(1).jpg: 100%|██████████| 232k/232k [00:01<00:00, 203kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7163.63it/s]
Downloading akstafa-qazax-carpet/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 85.6kB/s]
Downloading akstafa-qazax-carpet/antique_kazak_akstafa_rug2_antique

```
In [97]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('akstafa-qazax-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# qazax carpet count
qazax_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Qazax loaded images is:", qazax_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 13
The total number of Qazax loaded images is: 622
The total number of all loaded images is: 4030

14. ANTIQUE KAZAK RUGS WITH VARIOUS DESIGNS

```
In [98]: for i in range(400):
    main(f"http://www.azerbaijanrugs.com/guide/kazak/various/antique_c")
```

```
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7163.63it/s]
Downloading various-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1
k/17.1k [00:00<00:00, 76.7kB/s]
Downloading various-qazax-carpets/antique_caucasian_kazak_rug1_sotheb
ys.jpg: 100%|██████████| 219k/219k [00:00<00:00, 258kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7358.43it/s]
Downloading various-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1
k/17.1k [00:00<00:00, 84.9kB/s]
Downloading various-qazax-carpets/antique_caucasian_kazak_rug2_sotheb
ys.jpeg: 100%|██████████| 250k/250k [00:00<00:00, 279kB/s]
Extracting images: 100%|██████████| 1/1 [00:00<00:00, 6132.02it/s]
Downloading various-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1
k/17.1k [00:00<00:00, 82.5kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 4108.04it/s]
Downloading various-qazax-carpets/arfp-pr2.gif: 100%|██████████| 17.1
k/17.1k [00:00<00:00, 90.2kB/s]
Downloading various-qazax-carpets/antique_caucasian_kazak_rug4.jpg: 1
00%|██████████| 322k/322k [00:01<00:00, 321kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 8656.07it/s]
```

```
In [99]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('various-qazax-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# qazax carpet count
qazax_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Qazax loaded images is:", qazax_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 394
The total number of Qazax loaded images is: 1016
The total number of all loaded images is: 4424

ANTIQUE AZERBAIJANI CAUCASIAN KARABAGH RUGS AND CARPETS

1. EARLY AZERBAIJAN CARPETS

```
In [100]: for i in range(310):
            main(f"http://www.azerbaijanrugs.com/guide/karabagh/early-karabagh/early-karabagh-rug{i}.gif")
```

```
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 3/3 [00:00<00:00, 5926.95it/s]
Downloading early-karabagh-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 83.4kB/s]
Downloading early-karabagh-carpets/early_karabagh_rug1a.jpg: 100%|██████████| 282k/282k [00:00<00:00, 303kB/s]
Downloading early-karabagh-carpets/early_karabagh_rug1.jpg: 100%|██████████| 959k/959k [00:01<00:00, 622kB/s]
Extracting images: 100%|██████████| 3/3 [00:00<00:00, 7979.02it/s]
Downloading early-karabagh-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 89.5kB/s]
Downloading early-karabagh-carpets/early_karabagh_rug2a.jpg: 100%|██████████| 282k/282k [00:00<00:00, 305kB/s]
Downloading early-karabagh-carpets/early_karabagh_rug2.jpg: 100%|██████████| 883k/883k [00:01<00:00, 583kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7300.79it/s]
Downloading early-karabagh-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 89.4kB/s]
Downloading early-karabagh-carpets/early_karabagh_rug3.jpg: 100%|██████████| 17.1k/17.1k [00:00<00:00, 104kB/s]
```

```
In [107]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('early-karabagh-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# karabagh carpet count
karabagh_carpets = 0
karabagh_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Karabagh loaded images is:", karabagh_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 109
The total number of Karabagh loaded images is: 109
The total number of all loaded images is: 4533

2. ANTIQUE SUNBURST KARABAGH ÇELEBI/ CHELABERD (CHILABÖRD) / "EAGLE KAZAK" / "ADLER KAZAK" RUGS. AZERBAIJAN

```
In [105]: for i in range(2):
    main(f"http://www.azerbaijanrugs.com/guide/karabagh/chelaberd/antiq
```

```
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7269.16it/s]
Downloading chelaberd-karabagh-carpets/arfp-pr2.gif: 100%|██████████|
17.1k/17.1k [00:00<00:00, 86.0kB/s]
Downloading chelaberd-karabagh-carpets/antique_karabagh_sunburst_eagl
e_chelaberd_adler_rug4.JPG: 100%|██████████| 365k/365k [00:00<00:00,
381kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7724.32it/s]
Downloading chelaberd-karabagh-carpets/arfp-pr2.gif: 100%|██████████|
17.1k/17.1k [00:00<00:00, 87.2kB/s]
Downloading chelaberd-karabagh-carpets/antique_karabagh_sunburst_eagl
e_chelaberd_adler_rug4.JPG: 100%|██████████| 365k/365k [00:01<00:00,
373kB/s]
```

```
In [108]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('chelaberd-karabagh-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# Karabagh carpet count
karabagh_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Karabagh loaded images is:", karabagh_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 37
The total number of Karabagh loaded images is: 146
The total number of all loaded images is: 4570

3. ANTIQUE KARABAGH CLOUDBAND RUGS

```
In [106]: for i in range(64):
    main(f"http://www.azerbaijanrugs.com/guide/karabagh/cloudband/anti")
```

```
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7219.11it/s]
Downloading cloudband-karabagh-carpets/arfp-pr2.gif: 100%|██████████|
17.1k/17.1k [00:00<00:00, 92.5kB/s]
Downloading cloudband-karabagh-carpets/antique-karabagh-cloudband-rug
1.jpg: 100%|██████████| 106k/106k [00:00<00:00, 176kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7436.71it/s]
Downloading cloudband-karabagh-carpets/arfp-pr2.gif: 100%|██████████|
17.1k/17.1k [00:00<00:00, 92.4kB/s]
Downloading cloudband-karabagh-carpets/antique-karabagh-cloudband-rug
2.jpg: 100%|██████████| 86.7k/86.7k [00:00<00:00, 162kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7275.46it/s]
Downloading cloudband-karabagh-carpets/arfp-pr2.gif: 100%|██████████|
17.1k/17.1k [00:00<00:00, 87.3kB/s]
Downloading cloudband-karabagh-carpets/antique-karabagh-cloudband-rug
3.jpg: 100%|██████████| 106k/106k [00:00<00:00, 180kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7300.79it/s]
Downloading cloudband-karabagh-carpets/arfp-pr2.gif: 100%|██████████|
17.1k/17.1k [00:00<00:00, 86.5kB/s]
Downloading cloudband-karabagh-carpets/antique-karabagh-cloudband-rug
```



```
In [110]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('cloudband-karabagh-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# Karabagh carpet count
karabagh_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Karabagh loaded images is:", karabagh_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 59
The total number of Karabagh loaded images is: 205
The total number of all loaded images is: 4629

4. ANTIQUE KARABAGH KASIM USHAG RUGS

```
In [109]: for i in range(80):
    main(f"http://www.azerbaijanrugs.com/guide/karabagh/kasim-ushag/ar")
```

```
Extracting images: 0it [00:00, ?it/s]
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 6538.28it/s]
Downloading kasim-ushag-karabagh-carpets/arfp-pr2.gif: 100%|██████████|
17.1k/17.1k [00:00<00:00, 91.5kB/s]
Downloading kasim-ushag-karabagh-carpets/antique_karabagh_kasim_ushag
_rug2-rippon_boswell.jpg: 100%|██████████| 274k/274k [00:01<00:00, 20
0kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7760.04it/s]
Downloading kasim-ushag-karabagh-carpets/arfp-pr2.gif: 100%|██████████|
17.1k/17.1k [00:00<00:00, 55.3kB/s]
Downloading kasim-ushag-karabagh-carpets/antique_karabagh_kasim_ushag
_rug3-gasym_ushagy.jpg: 100%|██████████| 604k/604k [00:01<00:00, 503k
B/s]
Extracting images: 0it [00:00, ?it/s]
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7237.80it/s]
Downloading kasim-ushag-karabagh-carpets/arfp-pr2.gif: 100%|██████████|
17.1k/17.1k [00:00<00:00, 87.1kB/s]
Downloading kasim-ushag-karabagh-carpets/antique_karabagh_kasim_ushag
```

```
In [125]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('kasim-ushag-karabagh-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# Karabagh carpet count
karabagh_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Karabagh loaded images is:", karabagh_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 75
The total number of Karabagh loaded images is: 280
The total number of all loaded images is: 4704

5. ANTIQUE KARABAGH PICTORIAL RUGS

```
In [111]: for i in range(32):
    main(f"http://www.azerbaijanrugs.com/guide/karabagh/pictorial/anti")
```

```
Extracting images: 0it [00:00, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 6944.21it/s]
Downloading pictorial-karabagh-carpets/arfp-pr2.gif: 100%|██████████|
17.1k/17.1k [00:00<00:00, 85.2kB/s]
Downloading pictorial-karabagh-carpets/antique_karabagh_pictorial_rug
1.jpg: 100%|██████████| 405k/405k [00:01<00:00, 398kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 5223.29it/s]
Downloading pictorial-karabagh-carpets/arfp-pr2.gif: 100%|██████████|
17.1k/17.1k [00:00<00:00, 87.7kB/s]
Downloading pictorial-karabagh-carpets/antique_karabagh_pictorial_rug
2.jpg: 100%|██████████| 382k/382k [00:01<00:00, 380kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 6250.83it/s]
Downloading pictorial-karabagh-carpets/arfp-pr2.gif: 100%|██████████|
17.1k/17.1k [00:00<00:00, 90.2kB/s]
Downloading pictorial-karabagh-carpets/antique_karabagh_pictorial_rug
3_horse_dog.jpg: 100%|██████████| 555k/555k [00:01<00:00, 465kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7250.31it/s]
Downloading pictorial-karabagh-carpets/arfp-pr2.gif: 100%|██████████|
17.1k/17.1k [00:00<00:00, 84.3kB/s]
Downloading pictorial-karabagh-carpets/antique_karabagh_pictorial_rug
```

```
In [126]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('pictorial-karabagh-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# Karabagh carpet count
karabagh_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Karabagh loaded images is:", karabagh_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 15
The total number of Karabagh loaded images is: 295
The total number of all loaded images is: 4719

6. ANTIQUE KARABAGH "GORADIS" (HORADIS) RUGS

```
In [112]: for i in range(20):
    main(f"http://www.azerbaijanrugs.com/guide/karabagh/goradis/antique-")
```

```
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7861.86it/s]
Downloading goradis-karabagh-carpets/arfp-pr2.gif: 100%|██████████| 1
7.1k/17.1k [00:00<00:00, 92.8kB/s]
Downloading goradis-karabagh-carpets/antique-karabagh-goradis-rug10-c
aucasian.jpg: 100%|██████████| 174k/174k [00:00<00:00, 231kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7019.76it/s]
Downloading goradis-karabagh-carpets/arfp-pr2.gif: 100%|██████████| 1
7.1k/17.1k [00:00<00:00, 91.0kB/s]
Downloading goradis-karabagh-carpets/antique-karabagh-goradis-rug1.jp
g: 100%|██████████| 1.00M/1.00M [00:01<00:00, 722kB/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 7410.43it/s]
Downloading goradis-karabagh-carpets/arfp-pr2.gif: 100%|██████████| 1
7.1k/17.1k [00:00<00:00, 86.6kB/s]
Downloading goradis-karabagh-carpets/antique-karabagh-goradis-rug2.jp
g: 100%|██████████| 863k/863k [00:01<00:00, 640kB/s]
Extracting images: 100%|██████████| 3/3 [00:00<00:00, 7630.63it/s]
Downloading goradis-karabagh-carpets/arfp-pr2.gif: 100%|██████████| 1
7.1k/17.1k [00:00<00:00, 90.4kB/s]
Downloading goradis-karabagh-carpets/antique-karabagh-goradis-rug3_ca
ucasian.jpg: 100%|██████████| 440k/440k [00:01<00:00, 424kB/s]
```

```
In [127]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('goradis-karabagh-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# Karabagh carpet count
karabagh_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Karabagh loaded images is:", karabagh_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 12
The total number of Karabagh loaded images is: 307
The total number of all loaded images is: 4731

7. ANTIQUE KARABAGH PRAYER RUGS (NAMAZLYG)

```
In [114]: for i in range(20):
    main(f"http://www.azerbaijanrugs.com/guide/karabagh/prayer-rugs/ar")
```

```
Extracting images: 0%|          | 0/2 [00:00<?, ?it/s]
Extracting images: 100%|██████████| 2/2 [00:00<00:00, 2134.51it/s]
Downloading prayer-karabagh-carpets/arfp-pr2.gif: 0%|          | 0.00/17.1k [00:00<?, ?B/s]
Downloading prayer-karabagh-carpets/arfp-pr2.gif: 82%|██████████| 14.0k/17.1k [00:00<00:00, 75.2kB/s]
Downloading prayer-karabagh-carpets/arfp-pr2.gif: 100%|██████████| 17.1k/17.1k [00:00<00:00, 88.0kB/s]
Downloading prayer-karabagh-carpets/antique_karabagh_prayer_rug10.JPG: 0%|          | 0.00/333k [00:00<?, ?B/s]
Downloading prayer-karabagh-carpets/antique_karabagh_prayer_rug10.JPG: 4%|██          | 14.0k/333k [00:00<00:04, 80.4kB/s]
Downloading prayer-karabagh-carpets/antique_karabagh_prayer_rug10.JPG: 12%|███         | 40.0k/333k [00:00<00:02, 101kB/s]
Downloading prayer-karabagh-carpets/antique_karabagh_prayer_rug10.JPG: 15%|████        | 51.0k/333k [00:00<00:02, 103kB/s]
Downloading prayer-karabagh-carpets/antique_karabagh_prayer_rug10.JPG: 23%|█████       | 78.0k/333k [00:00<00:02, 126kB/s]
Downloading prayer-karabagh-carpets/antique_karabagh_prayer_rug10.JPG:
```

```
In [128]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('prayer-karabagh-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# Karabagh carpet count
karabagh_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Karabagh loaded images is:", karabagh_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

The number of loaded images is: 12
The total number of Karabagh loaded images is: 319
The total number of all loaded images is: 4743

8. ANTIQUE KARABAGH MOGHAN RUGS

```
In [115]: for i in range(40):
    main(f"http://www.azerbaijanrugs.com/guide/karabagh/moghan/antique")
```

Extracting images: 0it [00:00, ?it/s]

Extracting images: 0%| | 0/3 [00:00<?, ?it/s]

Extracting images: 100%|██████████| 3/3 [00:00<00:00, 3359.92it/s]

Downloading moghan-karabagh-carpets/arfp-pr2.gif: 0%| | 0.00/17.1k [00:00<?, ?B/s]

```
In [129]: # Checking the number of images loaded
# Placeholder for images
images_loaded = []
for img_path in glob('moghan-karabagh-carpets/*'):
    images_loaded.append(plt.imread(img_path, 0))

carpet_images_loaded += len(images_loaded)
# Karabagh carpet count
karabagh_carpets += len(images_loaded)
print("The number of loaded images is:", len(images_loaded))
print("The total number of Karabagh loaded images is:", karabagh_carpets)
print("The total number of all loaded images is:", carpet_images_loaded)
```

```
The number of loaded images is: 34
The total number of Karabagh loaded images is: 353
The total number of all loaded images is: 4777
```

In []: