# Image Scrapper By Virat Tiwari

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## 1   Image Scapper

Image Scapper - We can easily scrap the image from the google with the help of image scapper

```python
[12]: import requests
      from bs4 import BeautifulSoup
      from urllib.request import urlopen as uReq
      import logging
      #import pymongo
      import os
```

```python
[13]: save_dir="images/"
      if not os.path.exists(save_dir):
          os.makedirs(save_dir)
```

```python
[14]: headers={"User-Agent":"Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/
       ↪537.36 (KHTML, like Gecko) Chrome/118.0.0.0 Safari/537.36 Edg/118.0.2088.61"}
```

```python
[15]: query="sudhanshu kumar"
      response=requests.get(f"https://www.google.com/search?
       ↪q={query}&sca_esv=576780426&tbm=isch&source=lnms&sa=X&sqi=2&ved=2ahUKEwjz0onXhJSCAxWgdmwGHd
       ↪25")
```

```python
[16]: soup=BeautifulSoup(response.content,"html.parser")
```

```python
[17]: images_tags=soup.find_all("img")
```

```python
[18]: len(images_tags)
```

```
[18]: 21
```

```python
[19]: del images_tags[0]
```

```python
[21]: img_data_mongo=[]
      for i in images_tags:
          image_url=i["src"]
          image_data = requests.get(image_url).content
          mydict={"index":image_url,"image":image_data}
```

```
        img_data_mongo.append(mydict)
        with open(os.path.join(save_dir, f"{query}_{images_tags.index(i)}.jpg"),␣
 ↪"wb") as f:
            f.write(image_data)
# client=pymongo.MongoClient("")
# db=client["image_scarp"]
# coll_image=db["image_scap"]
# coll_image.insert.many(img_data_mongo)
```

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