

```
import cv2
import matplotlib.pyplot as plt
from deepface import DeepFace

# read image
img = cv2.imread("/content/download.jpg")

# call imshow() using plt object
plt.imshow(img[:,::-1])

# display that image
plt.show()

# storing the result
result = DeepFace.analyze(img,actions=['age'])

# print result
print(result)
```

```
Directory /root/.deepface created
Directory /root/.deepface/weights created
```



```
Downloading...
From: https://github.com/serengil/deepface\_models/releases/download/v1.0/age\_model\_weights.h5
To: /root/.deepface/weights/age_model_weights.h5
age_model_weights.h5 will be downloaded...
100%[██████████] 539M/539M [00:01<00:00, 273MB/s]
Action: age: 100%[██████████] 1/1 [00:01<00:00, 1.22s/it][{'age': 33, 'region': {'x': 33, 'y': 6, 'w': 92, 'h': 92}}]
```

```
!pip install deepface
```

```
Requirement already satisfied: itsdangerous>=2.0 in /usr/local/lib/python3.9/dist-packages (from Flask>=1.1.2->deepface) (2.1.2)
Requirement already satisfied: click>=8.0 in /usr/local/lib/python3.9/dist-packages (from Flask>=1.1.2->deepface) (8.1.3)
Requirement already satisfied: importlib-metadata>=3.6.0 in /usr/local/lib/python3.9/dist-packages (from Flask>=1.1.2->deepface) (6.4.0)
Requirement already satisfied: Werkzeug>=2.2.2 in /usr/local/lib/python3.9/dist-packages (from Flask>=1.1.2->deepface) (2.2.3)
Requirement already satisfied: requests[socks] in /usr/local/lib/python3.9/dist-packages (from gdown>=3.10.1->deepface) (2.27.1)
```

Requirement already satisfied: google-auth<3,>=1.6.3 in /usr/local/lib/python3.9/dist-packages (from tensorboard<2.13,>=2.12->tensorflow)

Requirement already satisfied: google-auth-oauthlib<1.1,>=0.5 in /usr/local/lib/python3.9/dist-packages (from tensorboard<2.13,>=2.12->tensorflow)

Requirement already satisfied: tensorboard-plugin-wit>=1.6.0 in /usr/local/lib/python3.9/dist-packages (from tensorboard<2.13,>=2.12->tensorflow)

Requirement already satisfied: soupsieve>1.2 in /usr/local/lib/python3.9/dist-packages (from beautifulsoup4->gdown>=3.10.1->deepface)

Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/python3.9/dist-packages (from requests[socks]->gdown>=3.10.1->deepface)

Requirement already satisfied: urllib3<1.27,>=1.21.1 in /usr/local/lib/python3.9/dist-packages (from requests[socks]->gdown>=3.10.1->deepface)

Requirement already satisfied: charset-normalizer~=2.0.0 in /usr/local/lib/python3.9/dist-packages (from requests[socks]->gdown>=3.10.1->deepface)

Requirement already satisfied: PySocks!=1.5.7,>=1.5.6 in /usr/local/lib/python3.9/dist-packages (from requests[socks]->gdown>=3.10.1->deepface)

Requirement already satisfied: cachetools<6.0,>=2.0.0 in /usr/local/lib/python3.9/dist-packages (from google-auth<3,>=1.6.3->tensorboard)

Requirement already satisfied: rsa<5,>=3.1.4 in /usr/local/lib/python3.9/dist-packages (from google-auth<3,>=1.6.3->tensorboard)

Requirement already satisfied: pyasn1-modules>=0.2.1 in /usr/local/lib/python3.9/dist-packages (from google-auth<3,>=1.6.3->tensorboard)

Requirement already satisfied: requests-oauthlib>=0.7.0 in /usr/local/lib/python3.9/dist-packages (from google-auth-oauthlib<1.1,>=0.5)

Requirement already satisfied: pyasn1<0.5.0,>=0.4.6 in /usr/local/lib/python3.9/dist-packages (from pyasn1-modules>=0.2.1->google-auth-oauthlib)

Requirement already satisfied: oauthlib>=3.0.0 in /usr/local/lib/python3.9/dist-packages (from requests-oauthlib>=0.7.0->google-auth-oauthlib)

Building wheels for collected packages: fire

Building wheel for fire (setup.py) ... done

Created wheel for fire: filename=fire-0.5.0-py2.py3-none-any.whl size=116952 sha256=a66cbb7b38d4247ce4ac50961ffbcfa245fe2e0617ec4319

Stored in directory: /root/.cache/pip/wheels/f7/f1/89/b9ea2bf8f80ec027a88fef1d354b3816b4d3d29530988972f6

Successfully built fire

Installing collected packages: gunicorn, fire, mtcnn, retina-face, deepface

Successfully installed deepface-0.0.79 fire-0.5.0 gunicorn-20.1.0 mtcnn-0.1.1 retina-face-0.0.13



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✓ 12s completed at 11:42 PM

