

Code snippet:

```
import io
import datetime
import pandas as pd
from PIL import Image
import requests
import io
import glob, os, sys, time, uuid
from matplotlib.pyplot import imshow
import matplotlib.pyplot as plt
%matplotlib inline
from urllib.parse import urlparse
from io import BytesIO
from PIL import Image, ImageDraw
from video_indexer import VideoIndexer
from azure.cognitiveservices.vision.face import FaceClient
from azure.cognitiveservices.vision.face.models import TrainingStatusType
from msrest.authentication import CognitiveServicesCredentials

CONFIG = {
    'SUBSCRIPTION_KEY': 'b65d816d049f4392b3fac4294f3eaf8c',
    'LOCATION': 'trial',
    'ACCOUNT_ID': 'ef79a560-2d4f-4b13-9b7b-7171bc8a91fe'
}

boarding_pass_video_analyzer = VideoIndexer(
    vi_subscription_key=CONFIG['SUBSCRIPTION_KEY'],
    vi_location=CONFIG['LOCATION'],
    vi_account_id=CONFIG['ACCOUNT_ID']
)

boarding_pass_video_analyzer.check_access_token()
source_file="C:\\Learning_Path\\AzureAI\\Source\\AIVision\\data\\cd0461-building-computer-vision-solutions-with-azure-project-starter\\starter\\digital-video-sample\\avkash-boarding-pass.mp4"
video_id =
boarding_pass_video_analyzer.upload_to_video_indexer(input_filename=source_file,
    video_name="myboarding_pass_video",video_language="English")
```

```
boarding_pass_video_analyzer.get_video_info(video_id)
```

Code screenshot:

Jupyter

Untitled4 Last Checkpoint: Last Monday at 8:38 PM (autosaved)

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Not Trusted Python 3 (ipykernel)

In [58]:

```
import io
import datetime
import pandas as pd
from PIL import Image
import requests
import io
import glob, os, sys, time, uuid

from matplotlib.pyplot import imshow
import matplotlib.pyplot as plt
%matplotlib inline

from urllib.parse import urlparse
from io import BytesIO
from PIL import Image, ImageDraw

from video_indexer import VideoIndexer
from azure.cognitiveservices.vision.face import FaceClient
from azure.cognitiveservices.vision.face.models import TrainingStatusType
from msrest.authentication import CognitiveServicesCredentials
```

In [79]:

```
CONFIG = {
    'SUBSCRIPTION_KEY': 'b65d816d049f4392b3fac4294f3eaf8c',
    'LOCATION': 'trial',
    'ACCOUNT_ID': 'ef79a560-2d4f-4b13-9b7b-7171bc8a91fe'
}

boarding_pass_video_analyzer = VideoIndexer(
    vi_subscription_key=CONFIG['SUBSCRIPTION_KEY'],
    vi_location=CONFIG['LOCATION'],
    vi_account_id=CONFIG['ACCOUNT_ID']
)
```

In [80]:

```
boarding_pass_video_analyzer.check_access_token()
```

```
Getting video indexer access token...
Access Token: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJWZXJzaW9uIjoiaWJlLjAuMCIsIktleVZlcnNpb24iOiI5NQYyMWEyODZlY2Y0MzRmOGUzYmRhMDVjMWU3MmRhZCZlSiKfeyJ291bnRJCiE6ImVmNzhNTYwLTJkNGYtNGI0My05YjdldlRlcXNzF1YzhhOTFmZSIsIkfjY291bnRUEXB1Ijo1VHJpYWwiLCZQZXJtaXNzaw9uIjo1Q29udHJpYnVnb3JlLCFeHRlcm5hbFVzZXJJZC1iOERBQTUzRDEzTQ4QTlBMjZCRkFERjY3NzI0E0ERGIiwVXN1clR5cGUioiJNaWlyb3NvZnRDZDZlZWQwFKlWlSNXNzdWVyTG9jYXRpb24iOiJUcmliYkChCSIm51ZiI6MTY5NSZk40TY2OCWiZXhwIjoxNjk3OTkzNTY4LCpc3MiOiJodHRwciovL2FwaS52alRlb2luZGV4ZSIuYklkViIiwVXXVKIjoiaHR8cHM6Ly9hcGkuZmlkZWRpbmRleGVyLmFpLjY39.DzhmxgdG9UzbvLOB_XDW4nC6w890LnMQE-cvIAy9UVivhweV68emTU1nn0Xok58DU-2UeApXfmQU-Jj0IL3UBT0RpXkdY8mkWjEvYTcwSX_k16CDJuArcaOM4cC9xAFBGY7RD0JHpYBgVZNq1QLetAJ0NuuhPBQYhNhqQqe1chV_7WKD1xtzmR11wKNQARKwZqs359oN0wjn6PiCSkkCOMuZ0R0HnMH15jg_C7U6D-XOSsTQMlBe9ouApt9eJZs39wKXOGFO0R-2x_iw5FGtC25rSTKEJySzBh-zP50ALhHXf1bj2KKXHjDvJLd4nyUb_z_hUUhRMryjwCXxy17A
```

```
In [74]: source_file="C:\\Learning_Path\\AzureAI\\Source\\AIVision\\data\\cd0461-building-computer-vision-solutions-with-azure-project-starter\\
video_id = boarding_pass_video_analyzer.upload_to_video_indexer(input_filename=source_file,
video_name="myboarding_pass_video",video_language="English")
```

Uploading video to video indexer...

```
In [81]: boarding_pass_video_analyzer.get_video_info(video_id)
```

Getting video info for: 47b0a2b376

```
Out[81]: {'partition': None,
'description': None,
'privacyMode': 'Private',
'state': 'Processed',
'accountId': 'ef79a560-2d4f-4b13-9b7b-7171bc8a91fe',
'id': '47b0a2b376',
'name': 'myboarding_pass_video',
'userName': 'ODL_User 243095',
'created': '2023-10-22T15:47:32.1233333+00:00',
'isOwned': True,
'isEditable': True,
'isBase': True,
'durationInSeconds': 26,
'duration': '0:00:26.499856',
'summarizedInsights': {'name': 'myboarding_pass_video',
'id': '47b0a2b376',
'privacyMode': 'Private',
'duration': {'time': '0:00:26.499856', 'seconds': 26.5}}
```