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from ibm_watson import
VisualRecognitionV3
from ibm_watson.visual_recognition_v3
import FileWithMetadata, AnalyzeEnums

# Initialize the Visual Recognition
service
visual_recognition =
VisualRecognitionV3(
    version='YOUR_API_VERSION',
    iam_apikey='YOUR_API_KEY'
)

# Define the image file you want to
classify
image_file = 'path_to_your_image.jpg'

# Perform image classification
with open(image_file, 'rb') as image:
    classes =
visual_recognition.classify(
    images_file=image,
    threshold='0.6', # You can
adjust the confidence threshold
```

```
classifier_ids=['YOUR_CUSTOM_CLASSIFIER_ID']  
    ).get_result()
```

```
# Extract and display the  
classification results  
for image in classes['images']:  
    for class_result in  
image['classifiers'][0]['classes']:  
        class_name =  
class_result['class']  
        confidence =  
class_result['score']  
        print(f"Class: {class_name},  
Confidence: {confidence}")
```

```
# Note: Replace 'YOUR_API_VERSION',  
'YOUR_API_KEY', and  
'YOUR_CUSTOM_CLASSIFIER_ID' with your  
actual credentials and classifier ID.
```