Task 5.2: Custom Vision

jupyter catvsdogSDK Last Checkpoint: a few seconds ago (autosaved)

```
print ("Training...")
iteration = trainer.train_project(project.id)
while (iteration.status != "Completed"):
    iteration = trainer.get_iteration(project.id, iteration.id)
    print ("Training status: " + iteration.status)
    time.sleep(1)

# The iteration is now trained. Publish it to the project endpoint
trainer.publish_iteration(project.id, iteration.id, publish_iteration_name, prediction_resource_id)
print ("Done!")
```

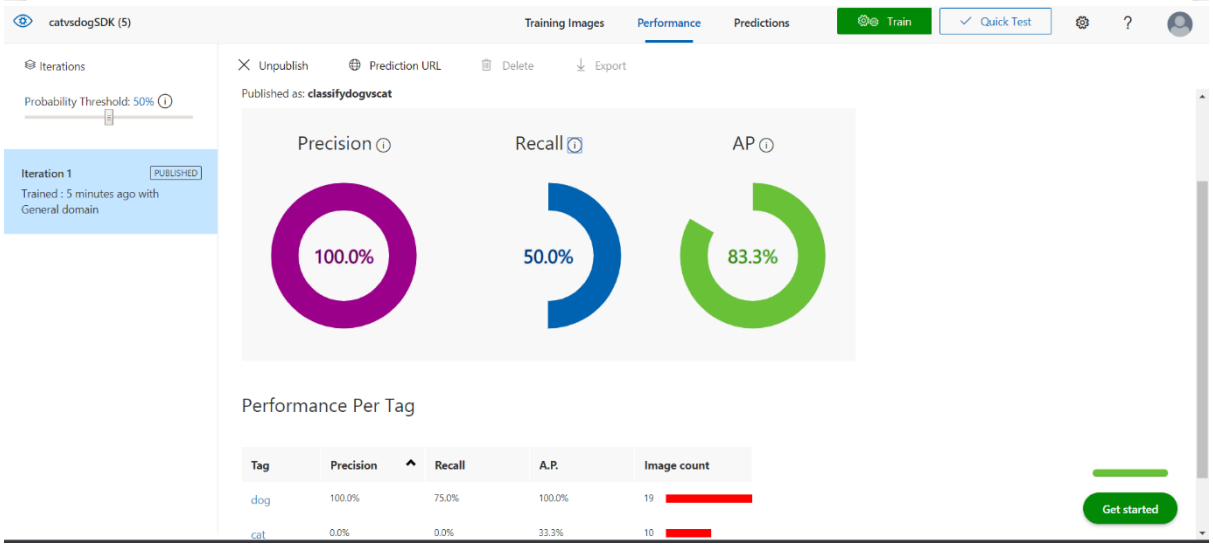
```
Training...
Training status: Training
Training status: Training
Training status: Training
Training status: Training
Training status: Training
Training status: Training
Training status: Training
Training status: Training
Training status: Training
Training status: Completed
Done!
```

```
In [5]: from azure.cognitiveservices.vision.customvision.prediction import CustomVisionPredictionClient
```

```
In [6]: predictor = CustomVisionPredictionClient(prediction_key, endpoint=ENDPOINT)
```

```
In [7]: with open("C:/Users/sagar/Documents/engg AI/week5/Compressed/dog vs cat/dataset/test_set/dogs/dog.4001.jpg", "rb") as image_conte
            results = predictor.classify_image(project.id, publish_iteration_name, image_contents.read())
```

```
In [8]: for prediction in results.predictions:
            print("\t" + prediction.tag_name +": {0:.2f}%".format(prediction.probability * 100))
```

```
        dog: 60.93%
        cat: 0.11%
```

```
In [ ]:
```