i have 256x256 size ground truth and predicted output with values 0 and 1 in both then how can i find tp,fp,fn,tn and usignthis find acc,recall,pre,iou using confusion\_matrix

from sklearn.metrics import confusion\_matrix

# Get the confusion matrix values

cm = confusion\_matrix(y\_true, y\_pred)

# Get the true positive, false positive, false negative, and true negative values

tp = cm[1][1]

fp = cm[0][1]

fn = cm[1][0]

tn = cm[0][0]

# Compute the accuracy

accuracy = (tp + tn) / (tp + tn + fp + fn)

# Compute the recall

recall = tp / (tp + fn)

# Compute the precision

precision = tp / (tp + fp)

# Compute the Intersection over Union (IoU)

iou = tp / (tp + fp + fn)

import numpy as np

from sklearn.metrics import confusion\_matrix

# Define the ground truth and predicted output arrays

y\_true = np.array([[0, 0, 1, 1], [0, 1, 0, 1]])

y\_pred = np.array([[0, 1, 1, 0], [0, 0, 1, 1]])

# Convert the arrays to 1D arrays before computing the confusion matrix

y\_true = y\_true.ravel()

y\_pred = y\_pred.ravel()

# Compute the confusion matrix

cm = confusion\_matrix(y\_true, y\_pred)

# Get the true positive, false positive, false negative, and true negative values

tp = cm[1][1]

fp = cm[0][1]

fn = cm[1][0]

tn = cm[0][0]

# Compute the accuracy

accuracy = (tp + tn) / (tp + tn + fp + fn)

# Compute the recall

recall = tp / (tp + fn)

# Compute the precision

precision = tp / (tp + fp)

# Compute the Intersection over Union (IoU)

iou = tp / (tp + fp + fn)

# Print the results

print("Accuracy:", accuracy)

print("Recall:", recall)

print("Precision:", precision)

print("IOU:", iou)