import pandas as pd

# Assuming df is your DataFrame and it has all the necessary columns

def calculate\_metsss(row):

score = 0

# Check waist circumference

if row['Sex'] == 'Male':

if row['Waist circumference'] >= 94:

score += 1

else: # Female

if row['Waist circumference'] >= 80:

score += 1

# Check other conditions

if row['TG levels'] >= 150:

score += 1

if row['Sex'] == 'Male' and row['HDL levels'] < 40:

score += 1

elif row['Sex'] == 'Female' and row['HDL levels'] < 50:

score += 1

if row['SBP'] >= 130 or row['DBP'] >= 85:

score += 1

if row['Fasting Blood glucose'] >= 100:

score += 1

return score

df['MetSRS'] = df.apply(calculate\_metsss, axis=1)