import pandas as pd

# Read data from file 'filename.csv'

# (in the same directory that your python process is based)

# Control delimiters, rows, column names with read\_csv (see later)

data = pd.read\_csv("Rates\_Discount\_Factors.csv")

# Preview the first 5 lines of the loaded data

print(data.head().iloc[:,[0,5]])

print(data.iloc[0:5,3])

data.iloc[3,3]=1.9

print(data.iloc[0:5,3])

for i in range(41):

s=sum(data.iloc[1:i+1,2])

par=2\*(1-data.iloc[i,2])/s

data.iloc[i,5]=par

print(data.iloc[:,0:6])

data.iloc[1,6]=(1/data.iloc[1,2]-1)\*2

for i in range(2,41):

forward=2\*(data.iloc[i-1,2]/data.iloc[i,2]-1)

data.iloc[i,6]=forward

print(data.iloc[:,8:9])

for i in range(1,41):

s=sum(data.iloc[1:i+1,9])

par=2\*(1-data.iloc[i,9])/s

data.iloc[i,8]=par

print(data.iloc[:,8:9])

for i in range(1,41):

s=sum(data.iloc[1:i,11])

dis=(1-data.iloc[i,3]\*s)/(1+data.iloc[i,3]/2)

data.iloc[i,11]=dis

#print(s)

print(data.iloc[:,11:12])

print(data.iloc[:,12:13])

data.to\_csv('result.csv')