draw.py

```python
import pandas as pd
from passmatrix import pass_matrix
import numpy as np

path = "D:\meisai_train_1//2020_Problem_D_DATA//passingevents.csv"
s, players = pass_matrix(1, path)
print(s)
print(players)

node_size=np.zeros([len(players),1])
for i in range(len(s)):
    node_size[i]=np.sum(s[i,:])+np.sum(s[:,i])
print(node_size)

nebor_s=np.zeros_like(s)
edge_weights=[]
for i in range(s.shape[0]):
    for j in range(s.shape[1]):
        if s[i,j]>0:
            edge_weights.append(s[i,j])
            nebor_s[i,j]=1

edge_weights=np.array(edge_weights)
# print(nebor_s)
# print(edge_weights.shape)
nebor_s_df=pd.DataFrame(nebor_s,index=players,columns=players)
edge_weights_df=pd.DataFrame(edge_weights)
# print(nebor_s_df)
nebor_s_df.to_excel('match_1.xlsx')
edge_weights_df.to_clipboard()
```