Roster Report 12062021

December 6, 2021

1 GSF Sigma Roster Report 12/6/2021

1.1 Load Data

[ ]:
```
import pandas as pd
import glob
import os

# give path to your desired file path
all_files = glob.glob('*roster_*.csv')
file_path = max(all_files, key=os.path.getctime)
print(file_path)

data = pd.read_csv(file_path)
data[data.columns[0].split(',')] = data.iloc[:, 0].str.split(',', expand=True)
data.drop(data.columns[0], axis=1, inplace=True)
data = data.set_index('Name')
cols = data.iloc[:,2:23].columns
for col in cols:
    data[col] = data[col].str.replace('\"', ' ')
data[cols] = data[cols].apply(pd.to_numeric, errors='coerce')
```

roster_12062021.csv

[ ]:
```
def mod_score(mods_15, mods_20, mods_25, char_gp, method = 'DSR'):
    mods_15 = mods_15 - mods_20
    mods_20 = mods_20 - mods_25
    num_mods = mods_15 + mods_20 + mods_25
    if method == 'DSR':
        score = num_mods/(char_gp/100000)
    elif method == 'Hotutils':
        score = ((mods_15*0.8)+(mods_20*1.0)+(mods_25*1.6))/(char_gp/100000)
    else:
        print('Enter either [DSR] or [Hotutils]')
    return score
```

1.2 Mod Score in Descending Order

[ ]:
```
data['mod_score'] = 0
for name in data.index:
    mods_15 = data.loc[name,'Speed 15+']
    mods_20 = data.loc[name, 'Speed 20+']
    mods_25 = data.loc[name, 'Speed 25+']
    char_gp = data.loc[name, 'Char GP']
    data.loc[name,'mod_score'] =␣
 ↪mod_score(mods_15,mods_20,mods_25,char_gp,method='Hotutils')
print(data['mod_score'].sort_values(ascending=False))
```

```
Name
MINI xipokemastrix     4.588385
xIPokemastrIx          4.578192
Promethean             4.489200
OttoVonGens            4.473919
Agave                  4.315430
Maxaron Lexilon        3.915315
Zlada14                3.794112
ilekkund               3.763715
ilekkund2              3.739686
wamakima5004           3.613474
Tommyboy85             3.602676
Gryphix                3.532313
Exeel                  3.514381
Loadage                3.395968
Wolfman314             3.347315
Larping Soccer Moms    3.273245
MarkKenoburger         3.185942
ShootMeow              3.123421
Masajj Vemtits         3.076525
Sultan2309             3.029182
Chaunce                2.817020
Flywire                2.807064
JustinAlexander11      2.762185
Guntha Arbos           2.688377
joker                  2.611380
Dark Penguin           2.571065
AKB                    2.454208
MINI Stewabob          2.424390
Calens                 2.393460
Higgs                  2.342003
Argarax                2.261767
TacoPizza              2.149940
Plucky Haydon          2.123221
Heywood Jablowme       2.106192
Zhil Axfow             2.099918
```

```
EvilCoyote2011          1.968355
M1TTH                   1.913799
JamesBond007            1.884271
Baxston Kane            1.779122
Revanche Gilder         1.765085
Theflavorgreen          1.737033
Philo Beddoe            1.538969
SloppySaberFlavor       1.476959
Obi Won Sebroni         1.467476
Neeb                    1.388810
Tel Nadda               1.351805
BraZ                    1.324021
ONE                     1.298496
Wil043                  1.195563
BabyYodaHitta           0.876097
Name: mod_score, dtype: float64
```

1.3 Number of GL Ultimates

[ ]:
```
print(data['Ultimates'].sort_values())
```

```
Name
Wolfman314              0
M1TTH                   0
Obi Won Sebroni         0
Masajj Vemtits          0
Zhil Axfow              0
Higgs                   0
ilekkund2               0
Neeb                    0
Maxaron Lexilon         0
MINI Stewabob           0
Larping Soccer Moms     0
ONE                     0
BabyYodaHitta           0
SloppySaberFlavor       1
joker                   1
Wil043                  1
Agave                   1
Dark Penguin            1
Theflavorgreen          1
Tel Nadda               1
Zlada14                 1
ShootMeow               1
BraZ                    1
Baxston Kane            1
JamesBond007            1
MINI xipokemastrix      1
```

```
MarkKenoburger         1
EvilCoyote2011         1
TacoPizza              1
Guntha Arbos           2
Philo Beddoe           2
Loadage                2
Chaunce                2
Promethean             2
AKB                    2
JustinAlexander11      2
Gryphix                2
wamakima5004           2
Calens                 2
Flywire                2
Heywood Jablowme       3
Revanche Gilder        3
Plucky Haydon          3
ilekkund               3
Sultan2309             3
Tommyboy85             3
OttoVonGens            4
Argarax                4
Exeel                  4
xIPokemastrIx          6
Name: Ultimates, dtype: int64
```