```
import pandas as pd
import matplotlib.pyplot as plt
import numpy as np

data = pd.read_csv('internet_session.csv')
data.head()

# replace names from  ['user1', 'user2', 'user3', 'user4', 'user5'] to
['Robert', 'John', 'Mary', 'Peter', 'Susan']
data['name'] = data['name'].replace(['user1', 'user2', 'user3', 'user4', 'user5'
, 'user6' , 'user7' , 'user8' , 'user9'],
 ['Robert', 'John', 'Mary', 'Peter', 'Susan' , 'David' , 'Linda' , 'Paul' ,
'Sarah'])

df = data
df.head()

df['start_time'] = pd.to_datetime(df['start_time']).apply(lambda x:
x.strftime('%Y-%d-%m'))
df.head()

alternateDF = pd.DataFrame({'name' : df['name'].tolist() , 'time' :
df['start_time'].tolist() , 'usage' : df['total_transfer'].tolist()})
# sum the value for same day
alternateDF = alternateDF.groupby(['name' , 'time']).sum()
alternateDF = pd.pivot_table(alternateDF, values='usage', index=['name'],
                    columns=['time'])
#replace nan with 0
alternateDF = alternateDF.fillna(0)
alternateDF = alternateDF.T
alternateDF.iloc[:, 0:] = alternateDF.iloc[:, 0:].cumsum()
alternateDF = alternateDF/(1024*1024) # now in gb
alternateDF = alternateDF.round(decimals=2)
alternateDF.head()

!pip install bar_chart_race
import bar_chart_race as bcr


bcr.bar_chart_race(df = alternateDF,
                   n_bars = 9,
                   sort='desc',
                   title='Internet Usgae Of Students In University(in GBs)',
                   filename =None)
```