Noon 2019 data

August 17, 2021

[3]:
```
import pandas as pd
import numpy as np
%matplotlib inline
import matplotlib.pyplot as plt
import seaborn as sn
```

[4]:
```
df = pd.read_excel(r'C:\Users\mdnaw\Desktop\Noon Project\Student␣
 ↪Performance\performance by hour-min\Student Attendance All.xlsx')
df.columns
```

[4]:
```
Index(['Group dec', 'min_late dec', 'sign off early dec', 'Group nov',
       'min_late nov', 'sign off early nov', 'Group oct', 'min_late oct',
       'sign off early oct', 'Group sep', 'min_late sep', 'sign off early sep',
       'Group other', 'min_late other', 'sign off early other', 'Student_left',
       'student(group)_left', 'J_time_s_left', 's_(group)_joined',
       'J_time_S_ stayed', 'Student_joined', 'session_duration december',
       'session_duration November', 'session_duration October',
       'session_duration Other', 'session_duration September', 'Groups',
       'group performance 2019', 'Groups others', 'group performance other',
       'Groups sep', 'group performance sep', 'Groups oct',
       'group performance oct', 'groups nov', 'group performance nov',
       'groups dec', 'group performance dec'],
      dtype='object')
```

[5]:
```
Group_dec = df['Group dec']
late_dec = df['min_late dec']
signoff_dec = df['sign off early dec']

Group_nov = df['Group nov']
late_nov = df['min_late nov']
signoff_nov = df['sign off early nov']

Group_oct = df['Group oct']
late_oct = df['min_late oct']
signoff_oct = df['sign off early oct']
```

```
Group_sep = df['Group sep']
late_sep = df['min_late sep']
signoff_sep = df['sign off early sep']


Group_other = df['Group other']
late_other = df['min_late other']
signoff_other = df['sign off early other']
```

[4]:
```
groups = []
for i in Group_dec:
    if i not in groups:
        groups.append(i)
sorted(groups)
```

[4]:
```
[0, 1329, 1341, 1351, 1442, 4858, 6250, 7339, 7369]
```

[5]:
```
 6250
 7339
 7369
```

[5]:
```
7369
```

[6]:
```
x = Group_dec

group_count= []
for i in range(0,len(x)):
    if x[i]== 4858:
        group_count.append(i)
print (len(group_count))

group_count= []
for i in range(0,len(x)):
    if x[i]== 6250:
        group_count.append(i)
print (len(group_count))

group_count= []
for i in range(0,len(x)):
    if x[i]== 7339:
        group_count.append(i)
print (len(group_count))

group_count= []
for i in range(0,len(x)):
    if x[i]== 7369:
        group_count.append(i)
```

```
print (len(group_count))
```

```
1305
5034
1958
969
```

[7]:
```
# Reversing a list using reversed()
def Reverse(decv):
    return [ele for ele in reversed(decv)]

# Driver Code
decv = signoff_dec
```

[8]:
```
# Reversing a list using reversed()
def Reverse(novv):
    return [ele for ele in reversed(novv)]

# Driver Code
novv = signoff_nov
```

[9]:
```
# Reversing a list using reversed()
def Reverse(octv):
    return [ele for ele in reversed(octv)]

# Driver Code
octv = signoff_oct
```

[10]:
```
# Reversing a list using reversed()
def Reverse(sepv):
    return [ele for ele in reversed(sepv)]

# Driver Code
sepv = signoff_sep
```

[11]:
```
# Reversing a list using reversed()
def Reverse(otherv):
    return [ele for ele in reversed(otherv)]

# Driver Code
otherv = signoff_other
```

[27]:
```
#September data
data_saved = pd.DataFrame({'dec_reverse':decv,'nov_reverse':novv,
                           'oct_reverse': octv,
                           'sep_reverse':sepv,'other_revverse':otherv})
```

```
Status_data = pd.ExcelWriter("Reverse data.xlsx", engine='xlsxwriter')

data_saved.to_excel(Status_data, sheet_name='sheet1')
```

[28]:
```
Status_data.save()
```

[ ]:
```

```