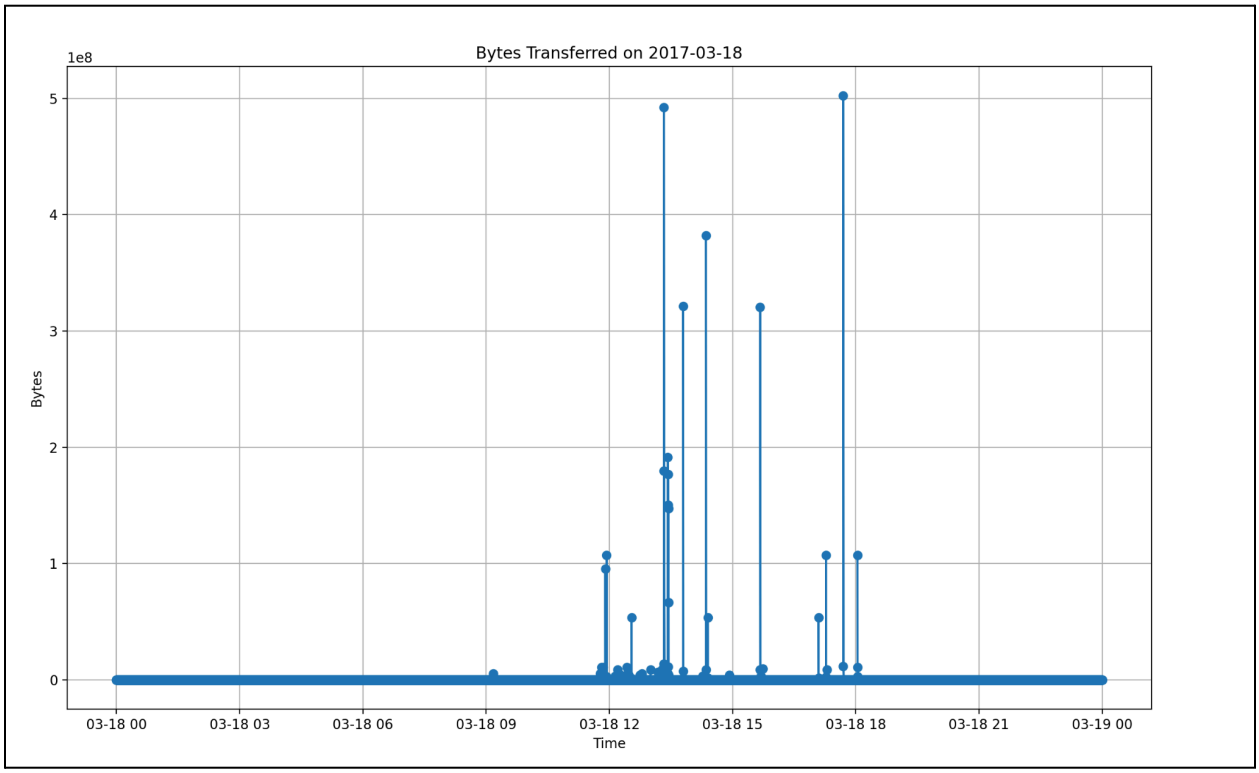
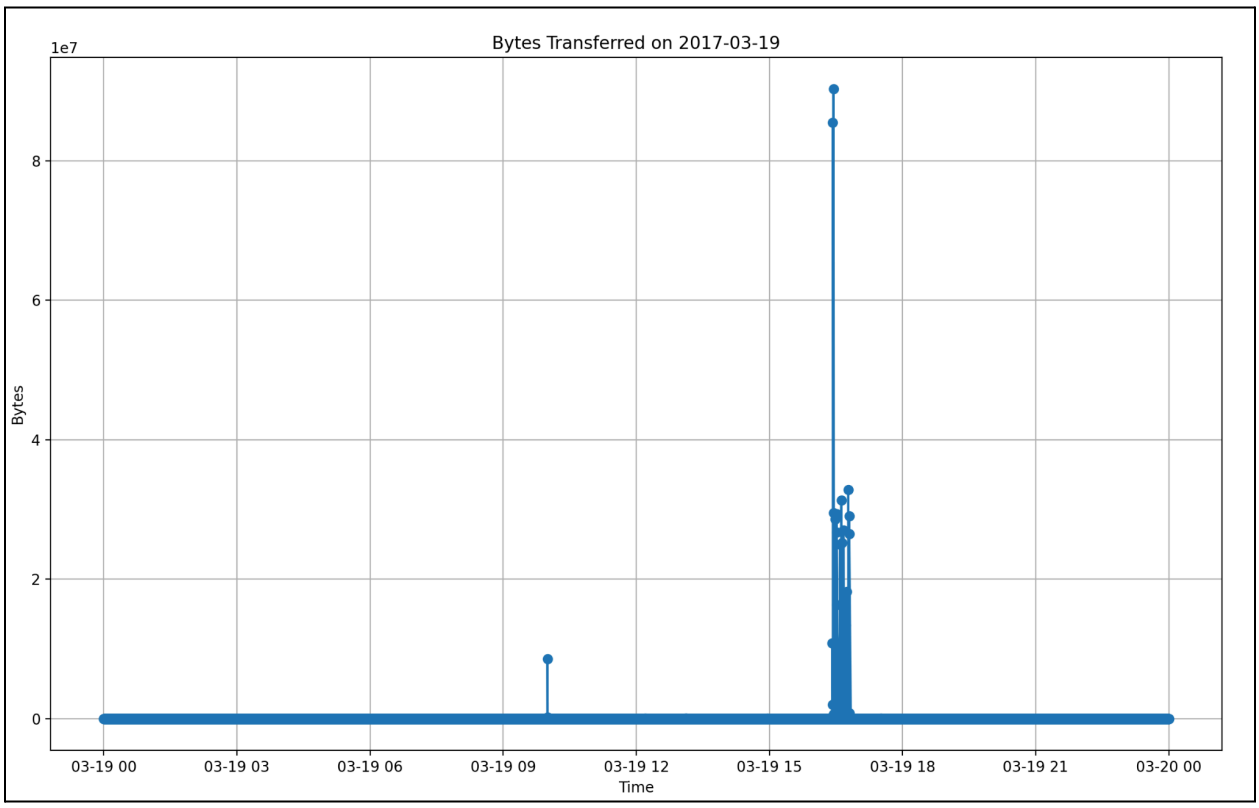
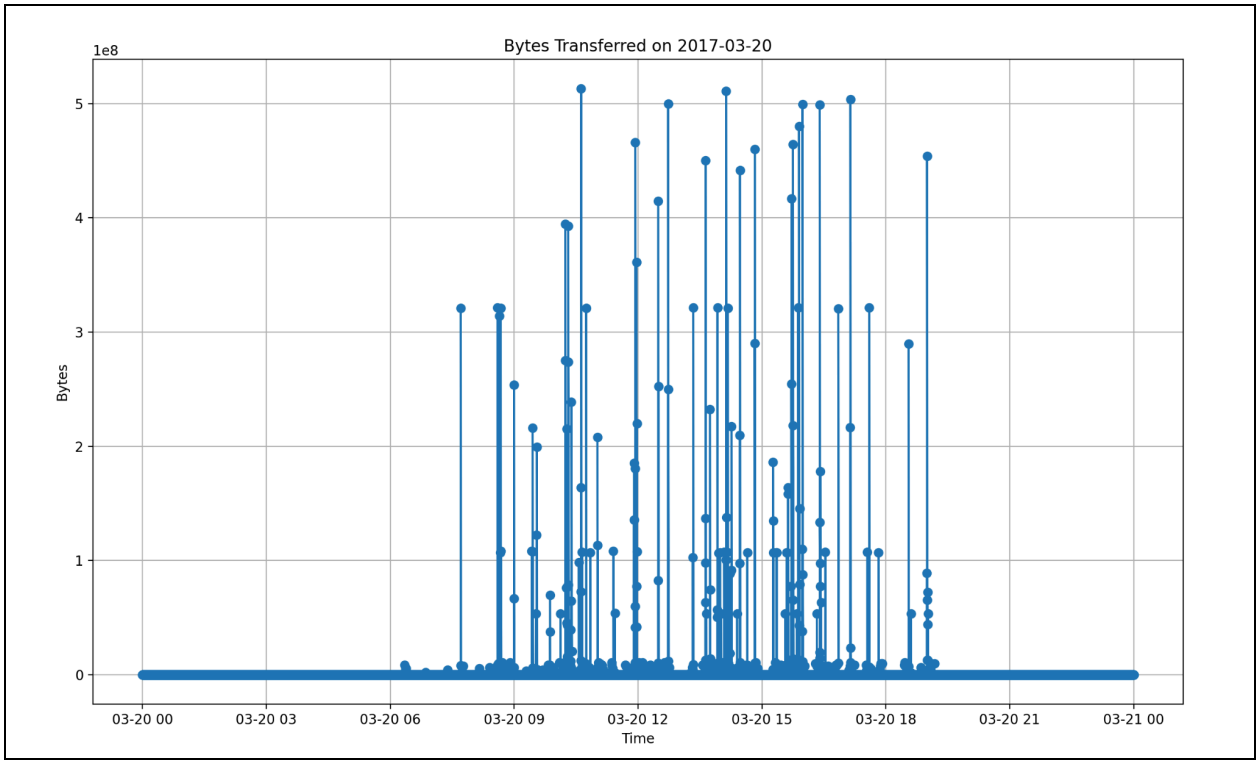
How does the distribution of Bytes/Time look per day.






Bytes Transferred on 2017-03-20
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03-20 03
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03-20 09
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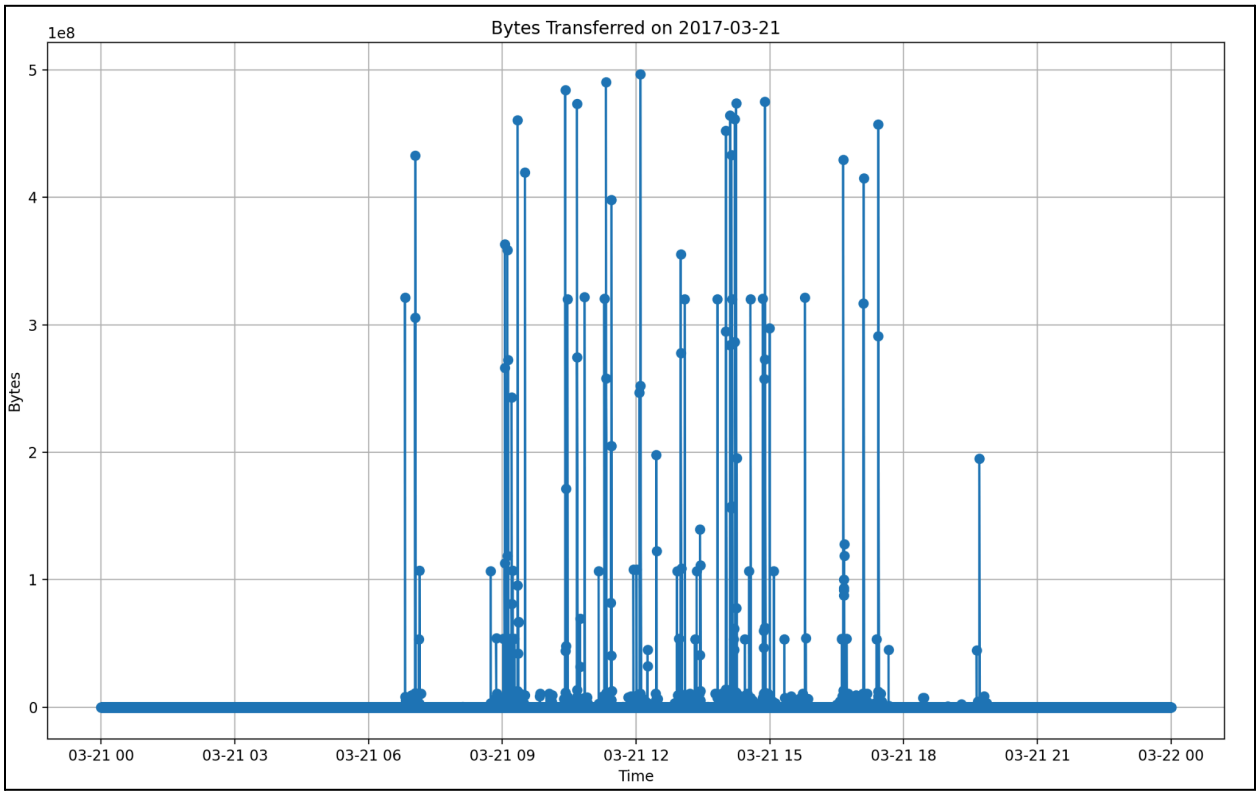
03-20 18
03-20 21
03-21 00
Time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03-21 21
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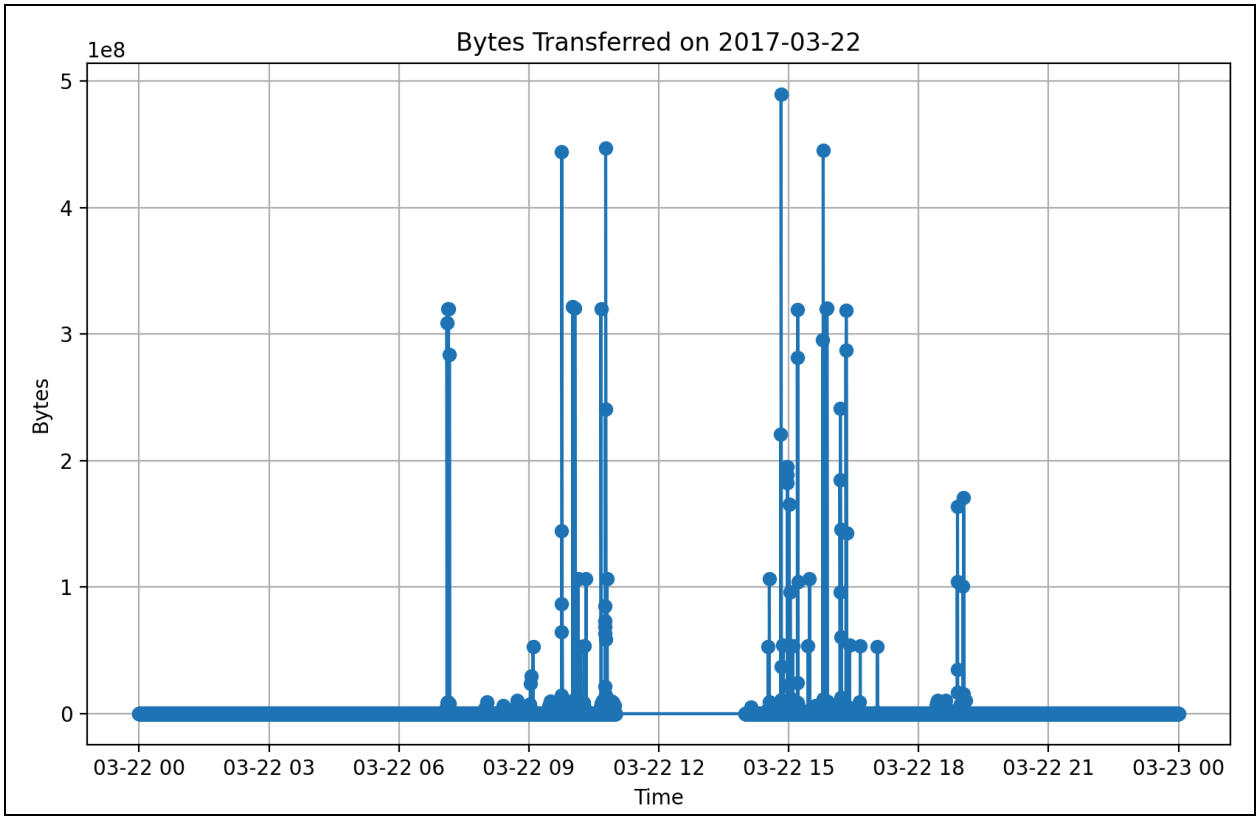
Time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03-22 21
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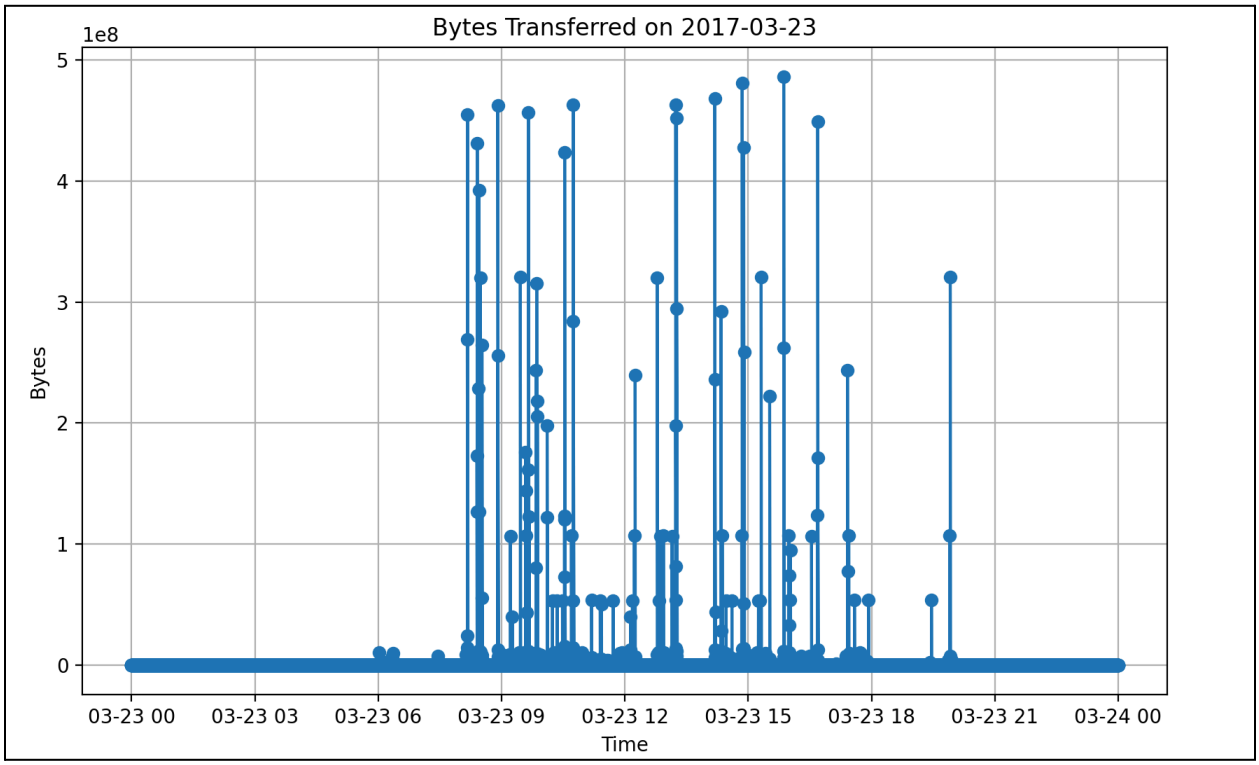
Time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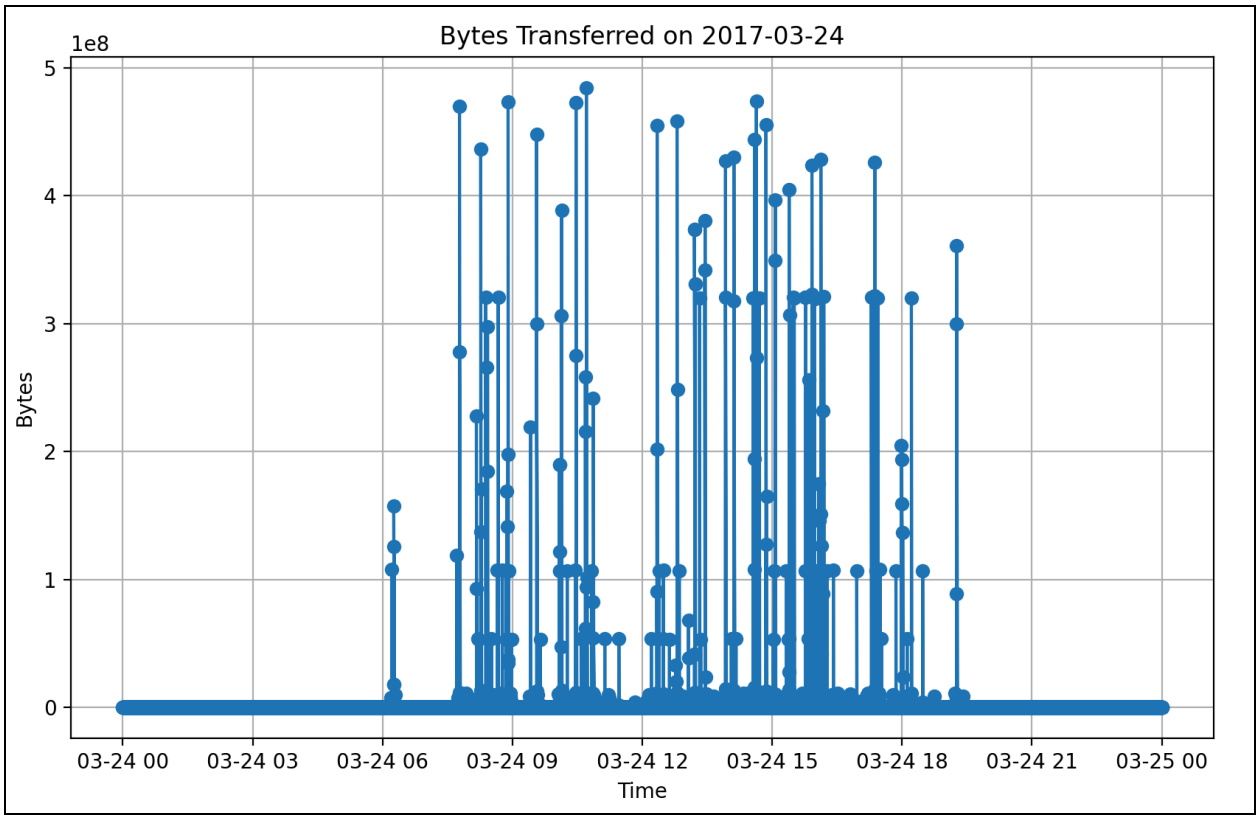
Time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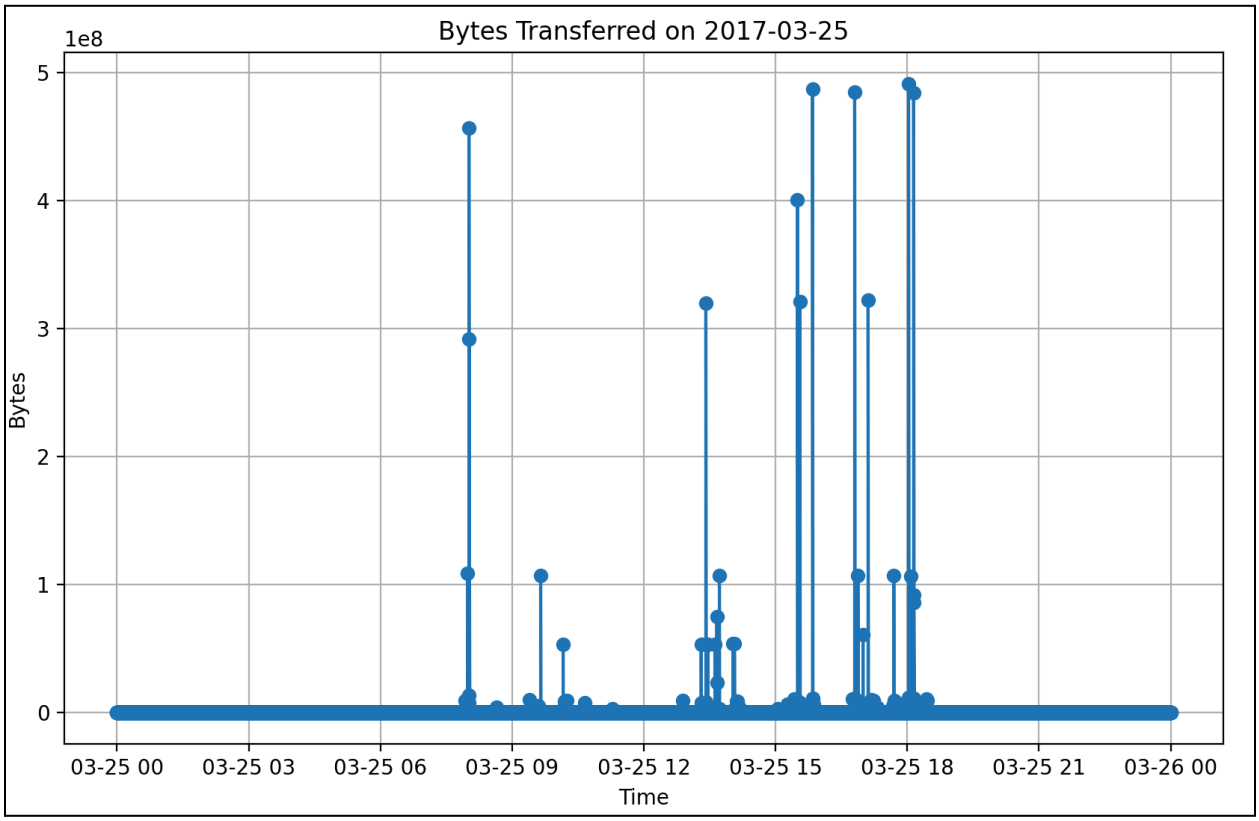
Time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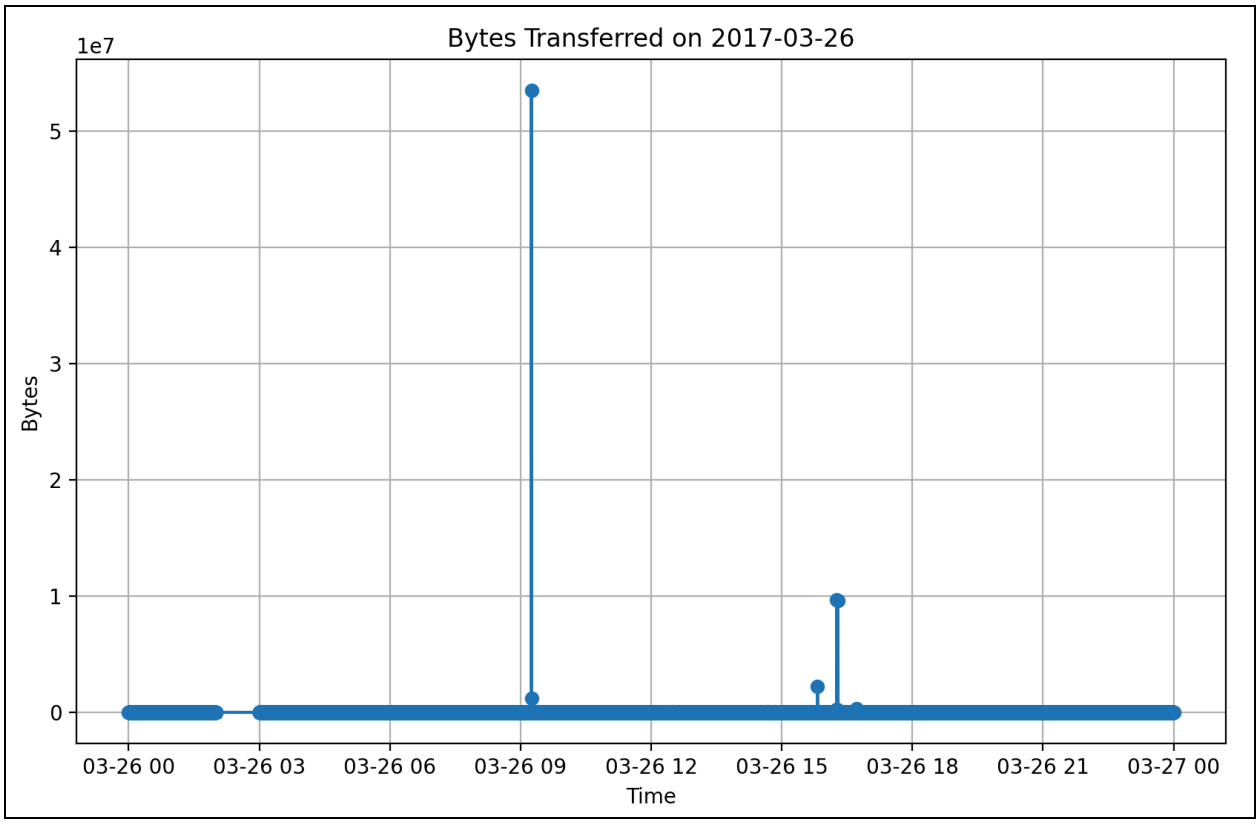

Based on the above evidence, normalization is required.

```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import warnings
warnings.filterwarnings('ignore')

df = pd.read_csv("C:\\Users\\Narayanakshay\\Downloads\\TotalDataset.csv")
pd.set_option('display.max_columns', None)

attacks_per_ip_type = df.groupby(['Src IP Addr', 'attackType'])['class'].count().reset_index()
attacks_per_ip_type[attacks_per_ip_type['Number of Attacks'] == 0]
attacks_per_ip_type = attacks_per_ip_type.rename(columns={'class': 'Number of Attacks'})
attacks_per_ip_type.drop_duplicates(subset='Src IP Addr', keep='first', inplace=True)

attacks_per_ip_type = attacks_per_ip_type.sort_values(by='Number of Attacks',
ascending=False)

plt.plot(attacks_per_ip_type['Src IP Addr'], attacks_per_ip_type['Number of Attacks'],
color='orange')
```