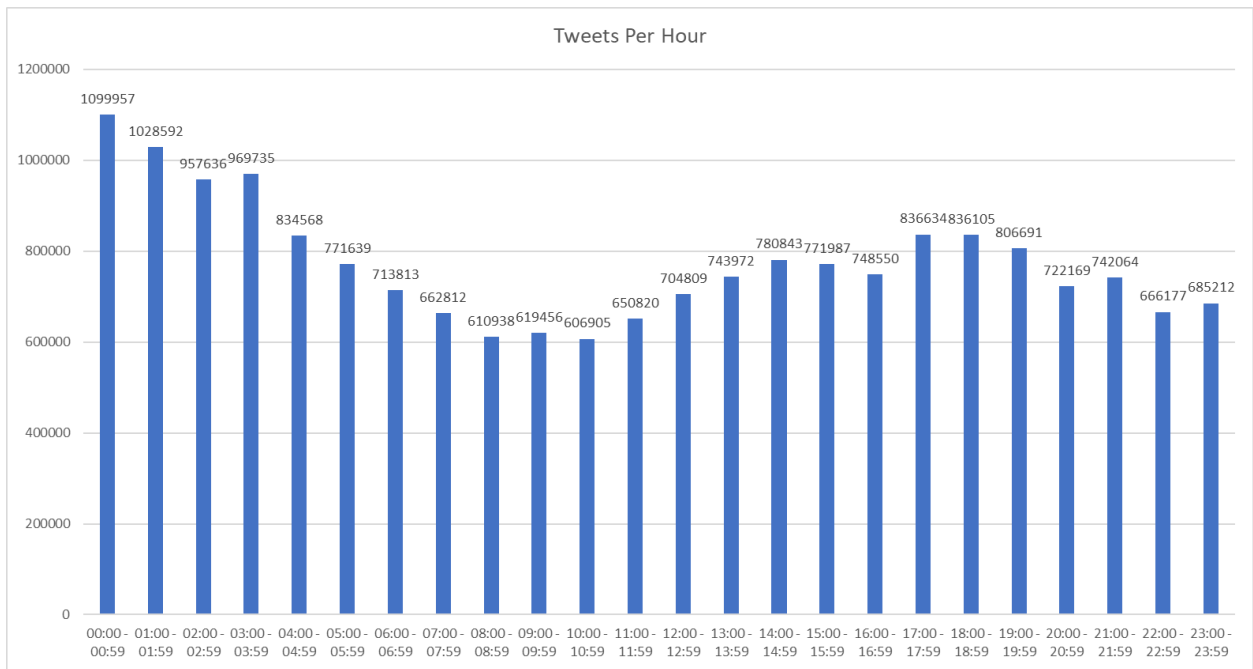## Part 1
Output from the Code:

```
sh-4.1# hadoop fs -cat /user/root/output16/part-r-00000
00:     1099957
01:     1028592
02:     957636
03:     969735
04:     834568
05:     771639
06:     713813
07:     662812
08:     610938
09:     619456
10:     606905
11:     650820
12:     704809
13:     743972
14:     780843
15:     771987
16:     748550
17:     836634
18:     836105
19:     806691
20:     722169
21:     742064
22:     666177
23:     685212
sh-4.1#
```

Histogram:

Part 2

Output from the Code:

```
sh-4.1# hadoop fs -cat /user/root/output15/part-r-00000
00:     5112
01:     4929
02:     5406
03:     7347
04:     7916
05:     8442
06:     8215
07:     7108
08:     5789
09:     4686
10:     3997
11:     3987
12:     4322
13:     4294
14:     4643
15:     4356
16:     4023
17:     4171
18:     3624
19:     3367
20:     2918
21:     3569
22:     2981
23:     3234
sh-4.1#
```

Histogram