

In [16]: result["time_per_7blocks"].shape

```
OUL[10]: (383,)
In [17]: result.shape
Out[17]: (383, 13)
In [18]: result["time_per_7blocks"].describe()
Out[18]: count
                       383.000000
                        75.527287
           mean
            std
                         7.386639
                        46.666667
           min
           25%
                        70.000000
            50%
                        77.77778
           75%
                        80.769231
                        93.333333
           max
           Name: time_per_7blocks, dtype: float64
In [19]: graph7 = result["time_per_7blocks"].hist(bins=80)
   graph7.set_xlabel("Confirmation time Interval for 7 blocks (in sec)")
   graph7.set_ylabel("Number of Transactions")
Out[19]: Text(0, 0.5, 'Number of Transactions')
               40
               30
             Number
               20
                       50
                          Confirmation time Interval for 7 blocks (in sec)
In [20]: arr_avg12 = []
           for i in range(0,result.shape[0]):
    time = result["time_in_seconds"].iloc[i]
    blocks = result["blockss"].iloc[i]
           arr_avg12.append(12*time/blocks)
result["time_per_12blocks"] = arr_avg12
In [21]: result["time_per_12blocks"].describe()
                      383.000000
129.475349
Out[21]: count
           mean
                        12.662810
           std
            min
                        80.000000
                      120.000000
           25%
           50%
                      133.333333
            75%
                       138.461538
           max
                      160.000000
           Name: time_per_12blocks, dtype: float64
In [22]: graph12 = result["time_per_12blocks"].hist(bins=80)
           graph12.set_ylabel("Number of Transactions")
Out[22]: Text(0, 0.5, 'Number of Transactions')
               50
               40
               30
               20
               10
                          90 100 110 120 130 140 150
Confirmation time Interval for 12 blocks (in sec)
 In [ ]:
 In [ ]:
 In [ ]:
```