Bitcoin Blockchain Pace

Analyze the pace of the Bitcoin blockchain's 10-minutes per block target.

Get the timestamp of the genesis block

In[268]:=

```
firstblocktimestamp = BlockchainBlockData[0]["Timestamp"]
```

Out[268]=

Sat 3 Jan 2009 14:15:05 GMT−4

How many blocks do we have? Should we have?

In[269]:=

```
blocksmined = BlockchainData[]["Blocks"];
blocksscheduled = (Now - firstblocktimestamp) * Quantity[144, "per day"];
{ blocksmined, blocksscheduled }
```

Out[270]=

{811 887, 776 877.}

How far ahead (+) or behind (-) are we?

In[271]:=

```
blocksmined - blocksscheduled
```

Out[271]=

35 009.8

Average time per block since the beginning

In[272]:=

```
blockaverage = UnitConvert[
    (Now - firstblocktimestamp) / blocksmined, MixedUnit[{"Minutes", "Seconds"}]]
```

Out[272]=

9 min 34.1271 s

Average blocks per day (144 expected)

In[273]:=

```
Quantity[24, "Hours"] / blockaverage
```

Out[273]=

150.489