5-23-19 Weekly Report

Previous Goals

- Merge the months of Diego’s newer working set
- Do a characterization of Diego’s newer working set
- Drop everything that is not crab_job
- If in the newer working set, the spike still exists, investigate spike (check to see if it is a bug) (Investigating blocks accessed around January 2018 individually and compare to January 2019)

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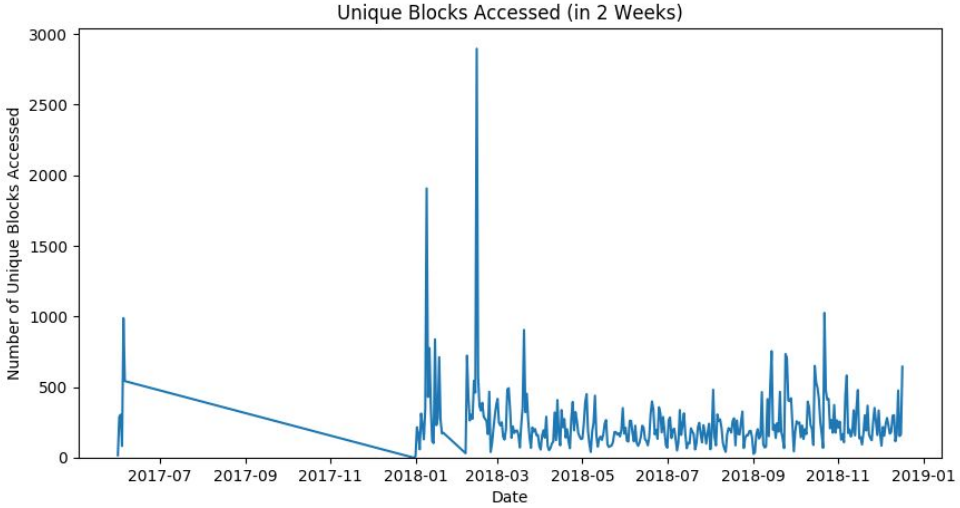

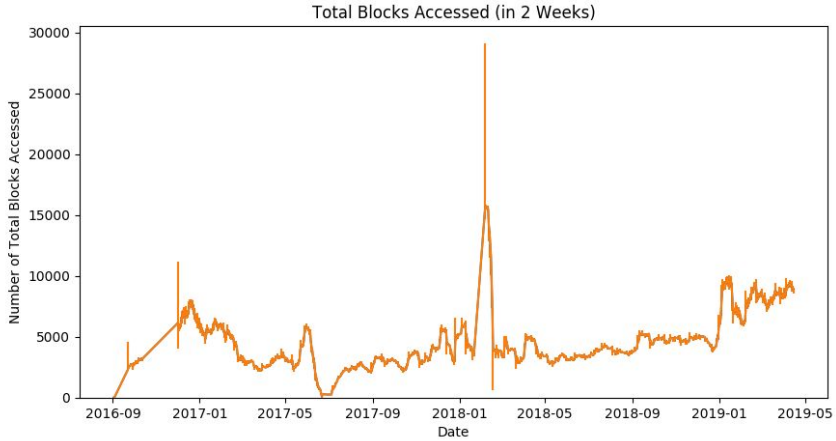

New Dataset

This is the unique blocks (accessed within a 2 week threshold) as a function of time for Diego's (merged) newer classads working set.

For some reason there is some block access data from 2017. There is a gap a little after January 2018. There are some large spikes in block accesses around early 2018, which mirrors the original plot from 2 weeks ago.

There were some errors when using the new dataset with the byte summing code and the gained/dropped blocks code.

Extensions

- Do a characterization of Diego’s newer working set
- Get bytes and gained/dropped block code to work
- Drop everything that is not crab_job
- If in the newer working set, the spike still exists, investigate spike (check to see if it is a bug) (Investigating blocks accessed around January 2018 individually and compare to January 2019)
- Find out what datasets the blocks in the spike corresponds to
- Extract 10 rows of these blocks so that Frank can discern which datasets correspond to those blocks so that you don’t have to guess