Activity date → Accel eg over lest min [0-254] → 2B - 16th for Used?

Mex size of meands -> So.400B Countly, 10.080 datapoints 3 Data ploaded on demand

1 Data stored in Slash

3 Data garnat tz 180 ts 180 ...

T How to compress the transmitted data?

⊙ Study deta

- ② Investigate ideas for compression (& how to decompress)
 ③ Include edge cases/problems & solutions
 ⑤ Crede like structure & recessary functions

LC lossless compression techniques

Replaces repeated values by value and # repetitions

Given to always changes by nativity is only 13, REE vill not provide meaningful improvements.

Assumptions

() 4Bts -> Epoch ts increases strictly every minute methods due to limited resources Consider Arimatic coding if more complession is desired. Requested data will be a series of contiguous to

[250, 250, 250, 248, 248, 249, 249] 1 RLE [250, 3, 248, 2, 247, 1, 249, 1]

Problems

(7) What happens when its updates and a previous value gets overwritten?

Replaces values by initial value and the difference between consecutive values.

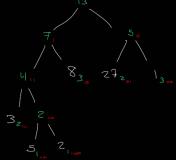
This encoding would be really useful for the ts, assuming (AZ). Again, effectiveness for the activity data will deppend on the swings in values.

100, 101, 102, 103, 103 J DE

Create a variable-length prefix code, where no code is a prefix of another code

If the previous compression techniques are not Jeasible, using HE can provide better results with a higher complexity and resources tall.





(1) Use initial date only. Increment I min for every pos increase when reading frame + Allous up to (([page_size] - 4B - crc) x [page_nr]) B of data to be stored no Almost 4x more data density

We can include a datapoint at the beginning of every blosh page to account for lost data, rebooting, etc. also including a cre at the end of each page. Although if page is not full, we should still be able to retrieve the data.



Flash page initial to data should be stored in UV memory for easy access to previous data.