Device Analyzer
Personal Analytics widely deployed

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Your phone changes network cells on average 358 times a day. That is once every 3m 52s while it is on.

On average you send 2.9 but receive 3.4 text messages a day.

One quarter of your phone calls last no longer than 24 seconds and 56% are shorter than one minute.

You don’t answer every third call and half of all callers give up after 20 seconds, which is 5 seconds longer than it takes you to answer 90% of your calls.

3 out of 4 days you use no more than 4 third party apps.

While you are connected to a wifi network you transfer 3.3 MB per day, compared to 1.3 MB over 3G.

You turn the screen of your phone on 36 times a day but 1 in 4 times will switch it off again within 5.2 seconds.

When you plug your phone into a charger you will unplug it within 27 minutes 1 in 4 times. However, your phone is equally likely to remain plugged in for longer than 8h 46m.

You basically never use Bluetooth.

These statistics are based on a tiny sample of n=5 with a total of 270 use days. Please help us expand our dataset!

Why collect this data?
- If you want to make informed choices when designing mobile devices it is necessary to know how current devices are used
- It is difficult to know what people do with their smart phones
- Diary studies cover only small numbers of people and often suffer from omissions and low level of detail
- Phone minutes and texts are available to network operators but don’t characterize modern smart phone use well

How do we protect Personal Data?
- Hashing & aliases protect identifying data
- In-app overview of last sampled data
- There is in-app information about the possible privacy implications of sharing data
- A periodic reminder ensures that users are aware that their data is being collected
- Users can specify that they want their data to be released to University of Cambridge only
- Different types of data can be excluded from a publicly shared dataset
- There is a 3 month period where users can review their data before it is published.
- If the user is concerned about the privacy impact of sharing the reviewed data they can change sharing preferences or withdraw from the study entirely.
- We will delete all data on request

What is the Motivation for contributing?
- Participate in research
- Get statistics about your own phone use
- Analyze your usage history on the website and compare yourself with other people
- Find new applications based on your usage
- Get phone tariff recommendations based on your past usage behavior

Participate!