

Scaling algorithms and frameworks for stream processing of big data

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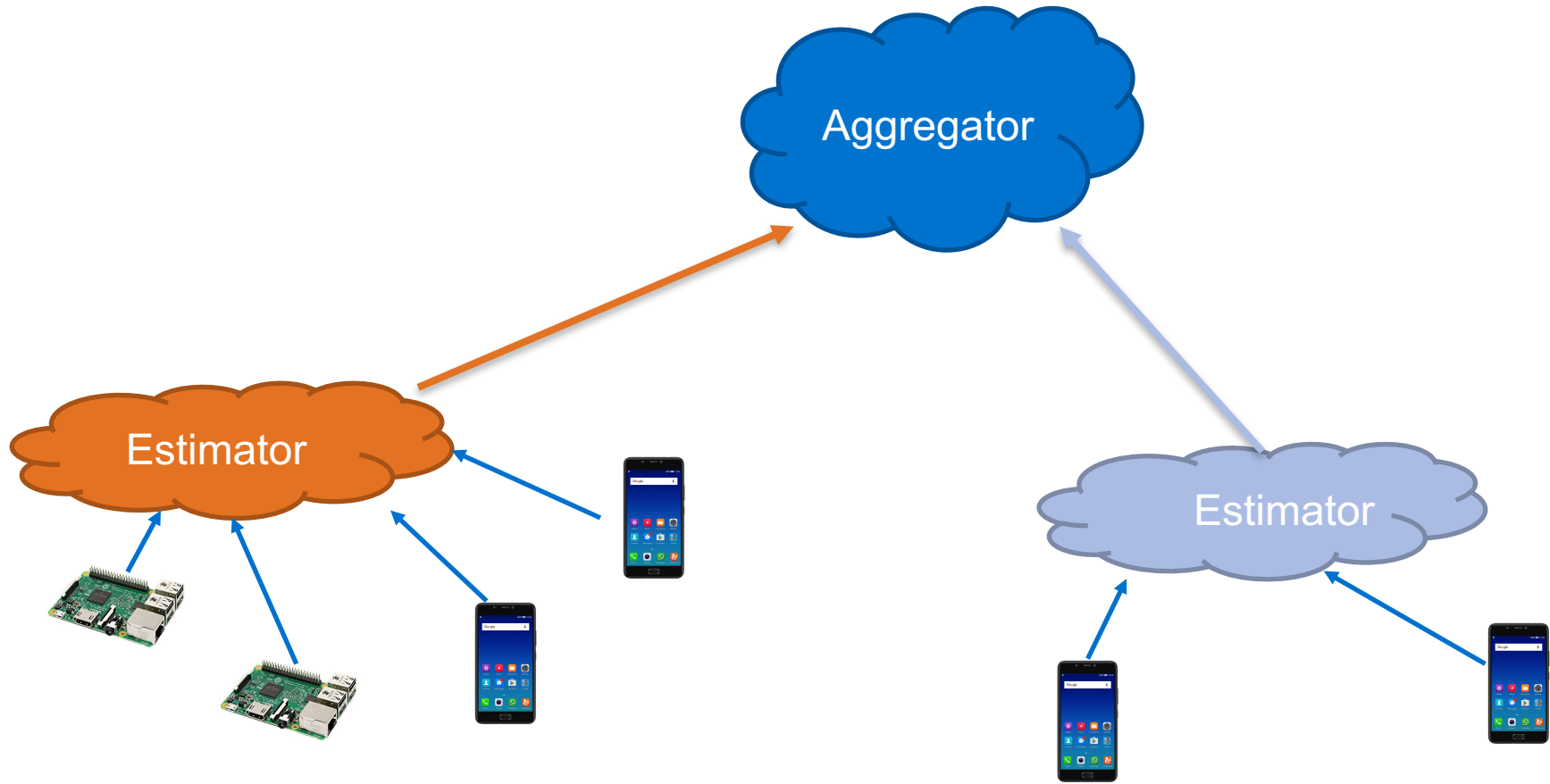
Supervisors: C. Mascolo, J. Crowcroft

Research Area: Intersection of Machine Learning, Data Mining, and Systems.

Important bits.

- The Problem: Ability to find (approximate yet important) aggregate statistics out of billions streams in the online setting.
- The Why: Data grows at an exponential rate and will continue to accelerate – **but**, so does the need to make sense out of them, especially in the timely matter (online).
- The Sentence: World Wide-scale trend discovery.
- The Consequence: Instead of “leaving-out” part of the data due to size, we would be able to process them and get value.

Expl. Bits. (very) high level view



Questions?

