## Data Analytics Meetings



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#### Why your own neural network implementation can be faster than any framework? secret is when .

Abstract: Naive implementation of neural networks in the C language be tens, or hundreds times faster than usage of common neural rameworks. Simplicity of neural networks learning algorithms automatic vectorization in recent versions of GNU C sult native builds are much faster than generic, cantly faster than just few years old ones. oncrete speedup depends on the itself. To measure it, we prefer topo (CUPS) training speed the classic than task-specific metric, which is benchmarks. "To meas of topology, framework and hardware is a vorks training and support tools for measurement are on GitHub.

Rudolf Jaksa, head of Al

16:30

**MATSUKO** マツコ

Fabricafe

KOS

### 11.3.2020

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# TABAČKA KULTURFABRIK