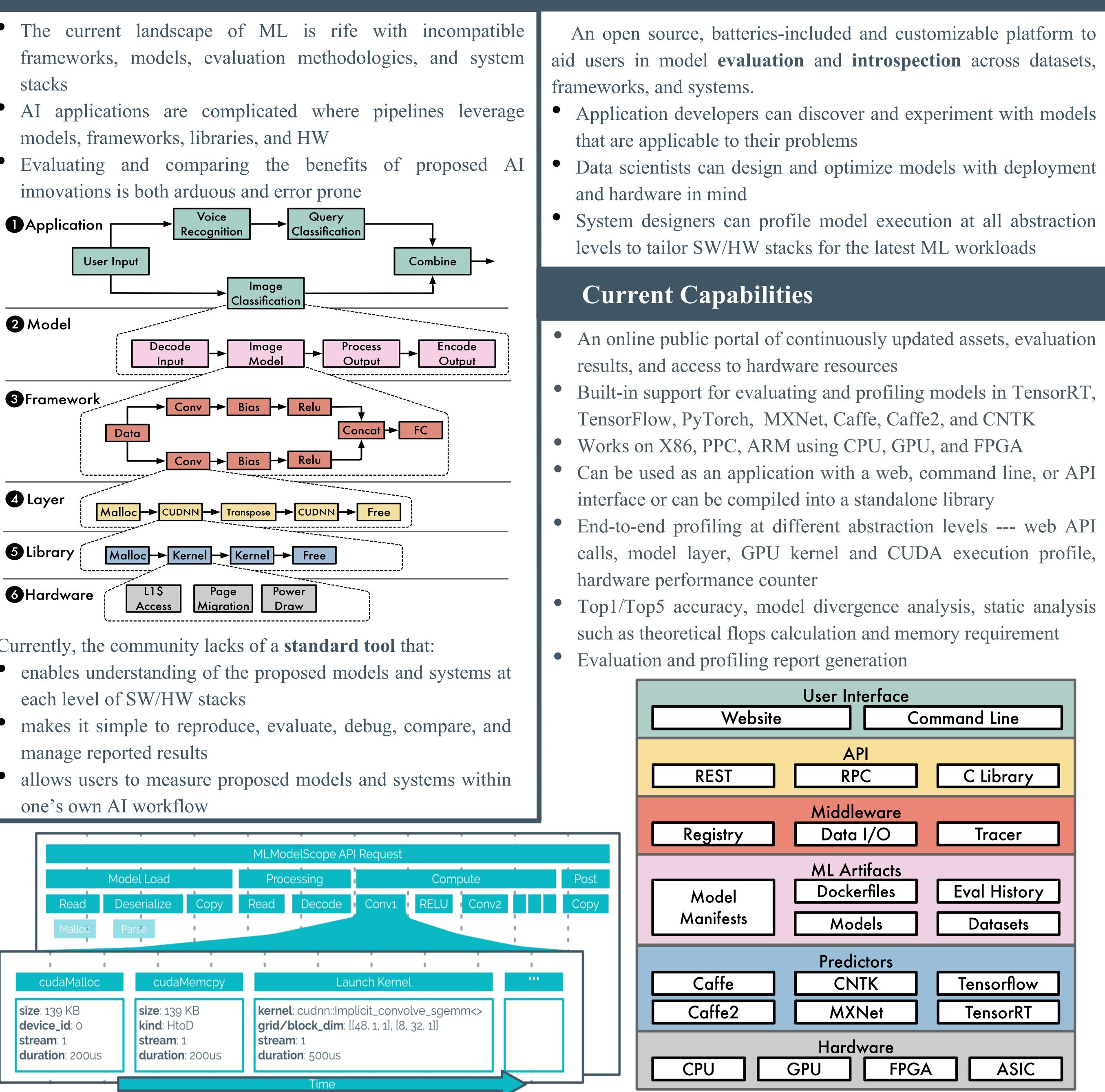
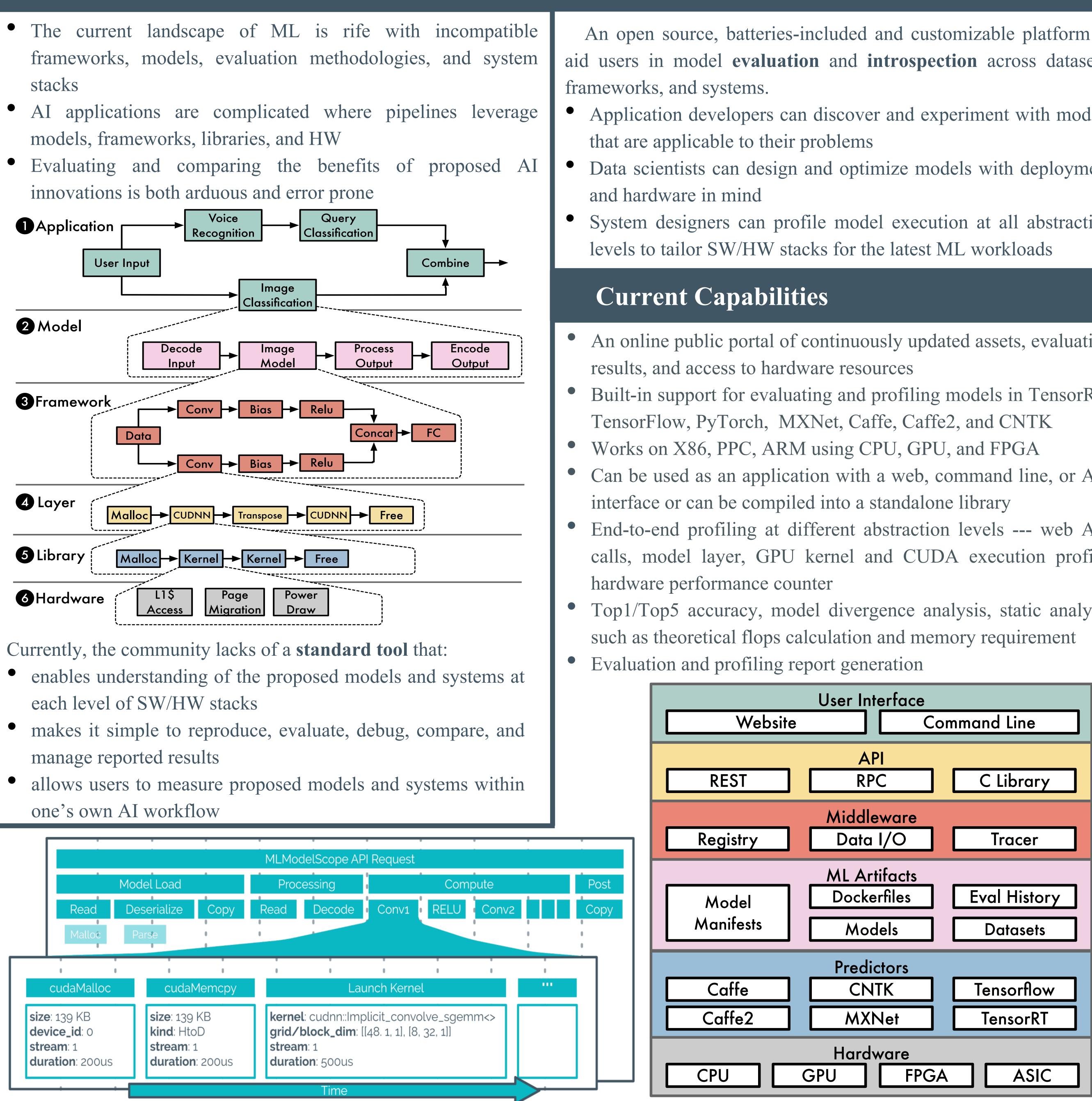


Motivation

- stacks
- models, frameworks, libraries, and HW
- innovations is both arduous and error prone

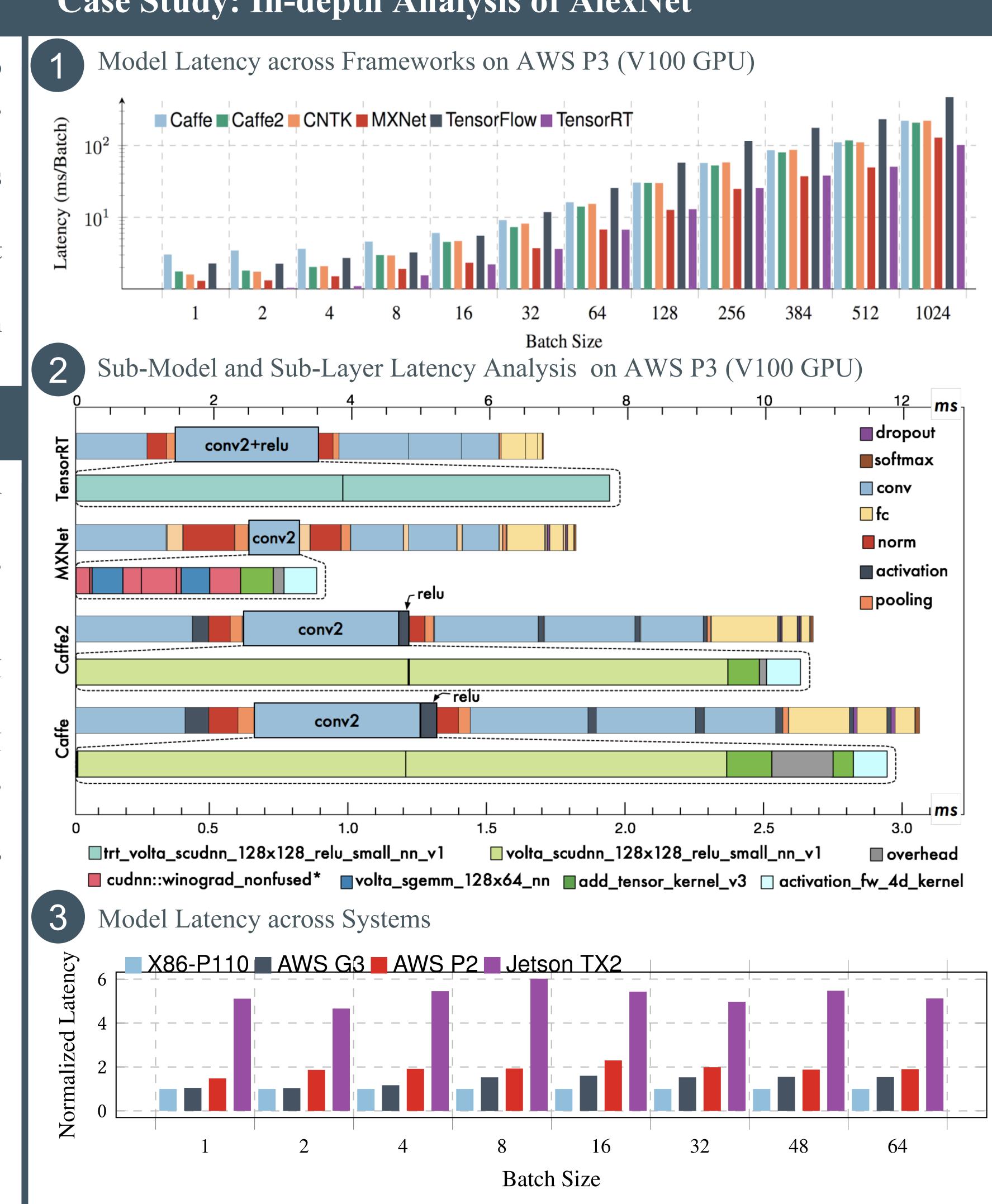




MLModelScope: Evaluate and Measure ML Models

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MLModelScope



Case Study: In-depth Analysis of AlexNet

Future Work

- Adding more models, frameworks, data sets, and hardware
- accuracy, \$ budget, and target latency
- Providing similar levels of support for model training



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Advising application developers on the best model given their dataset, target

Profiling and analyzing performance on future and/or hypothetical hardware

Support for hosting competitions, scoreboard and publication reproducibility

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