SuBiTO: Synopsis-based Training Optimization for Continuous Real-Time Neural Learning over Big Streaming Data

Authors: E. Streviniotis, G. Klioumis, N. Giatrakos

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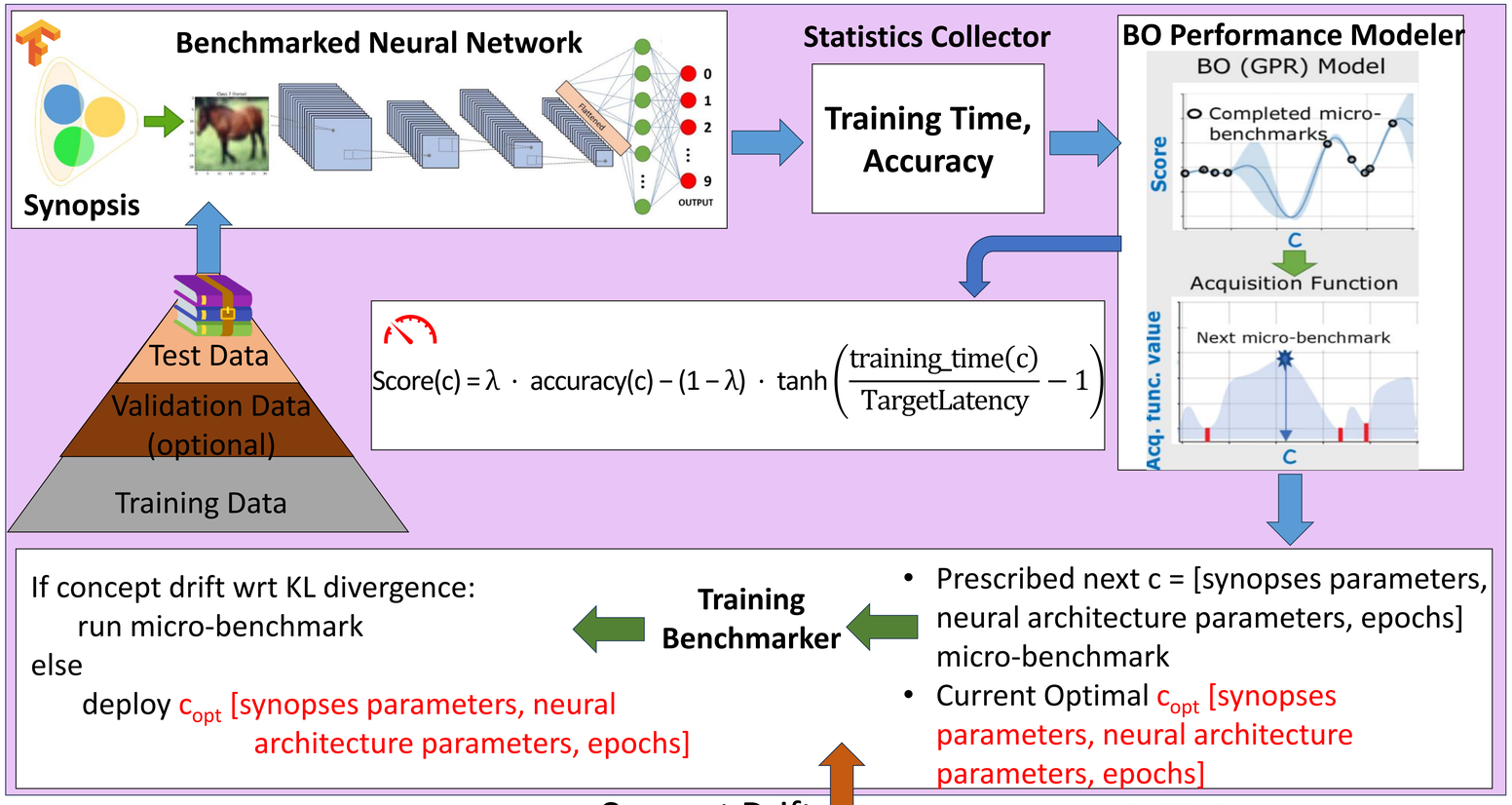
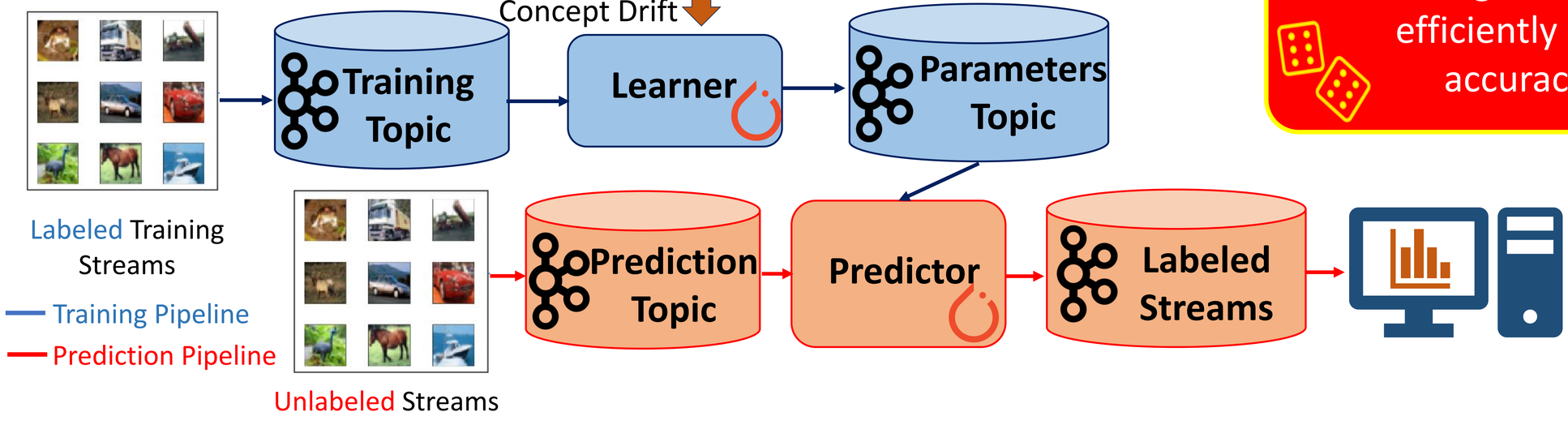


SuBiTO approach

- ✓ML & Big streaming Data
- ✓Learns the accuracy vs training speed tradeoff
- ✓Employes Bayesian Optimization
- ✓Huge acceleration of training
- ✓Small accuracy penalty
- ✓Continuously updated models upon concept drift
- ✓Image and Video moderation scenarios

Utilizing stream synopsis can help users efficiently control training speed vs accuracy tradeoff in ML tasks



Interested?