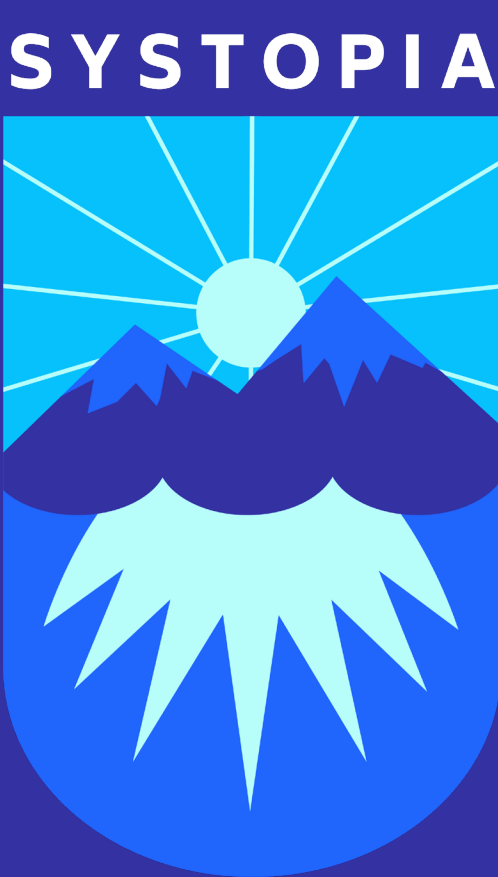


MERIT: Integrated Reproducibility with Self-describing Machine Learning Models

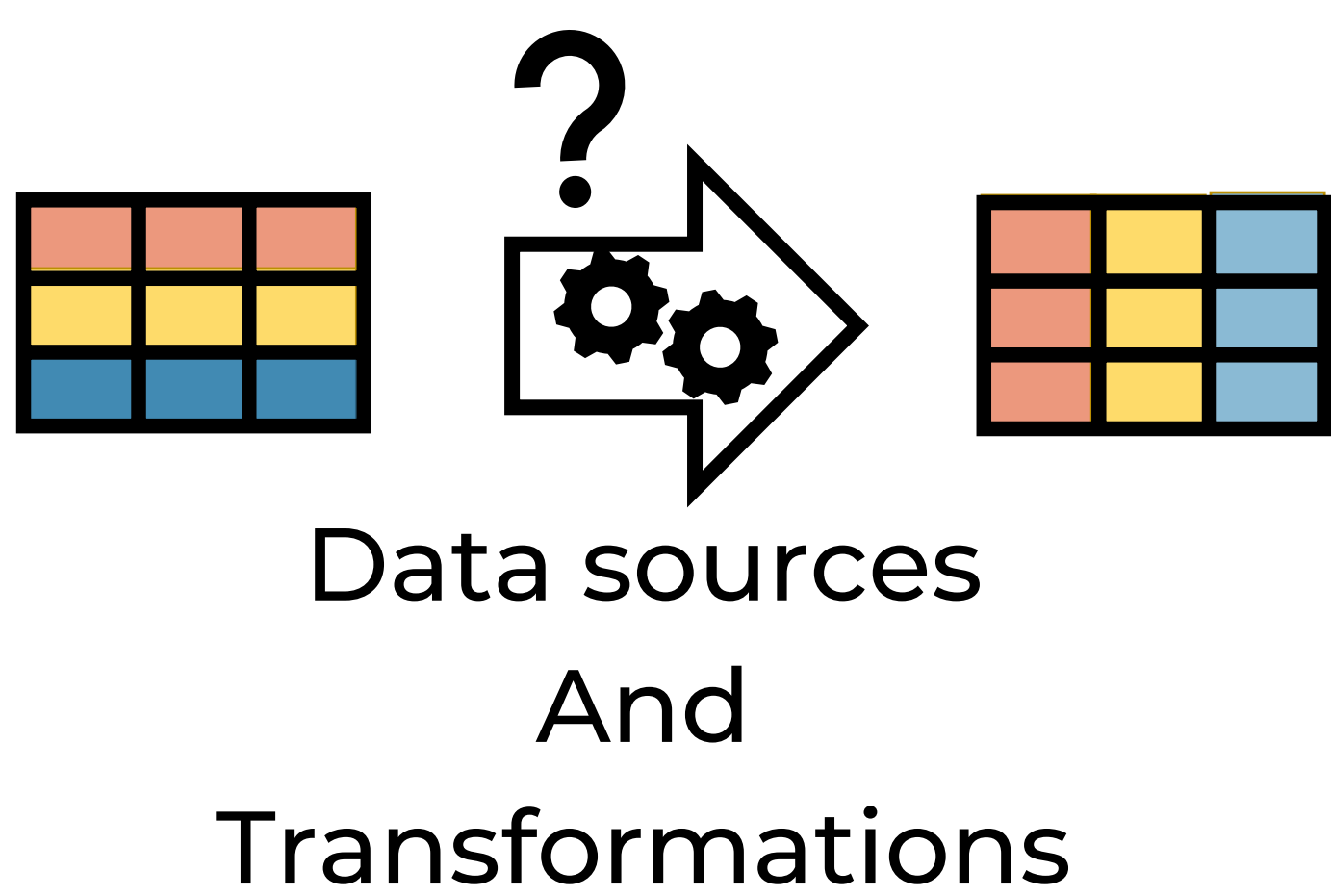
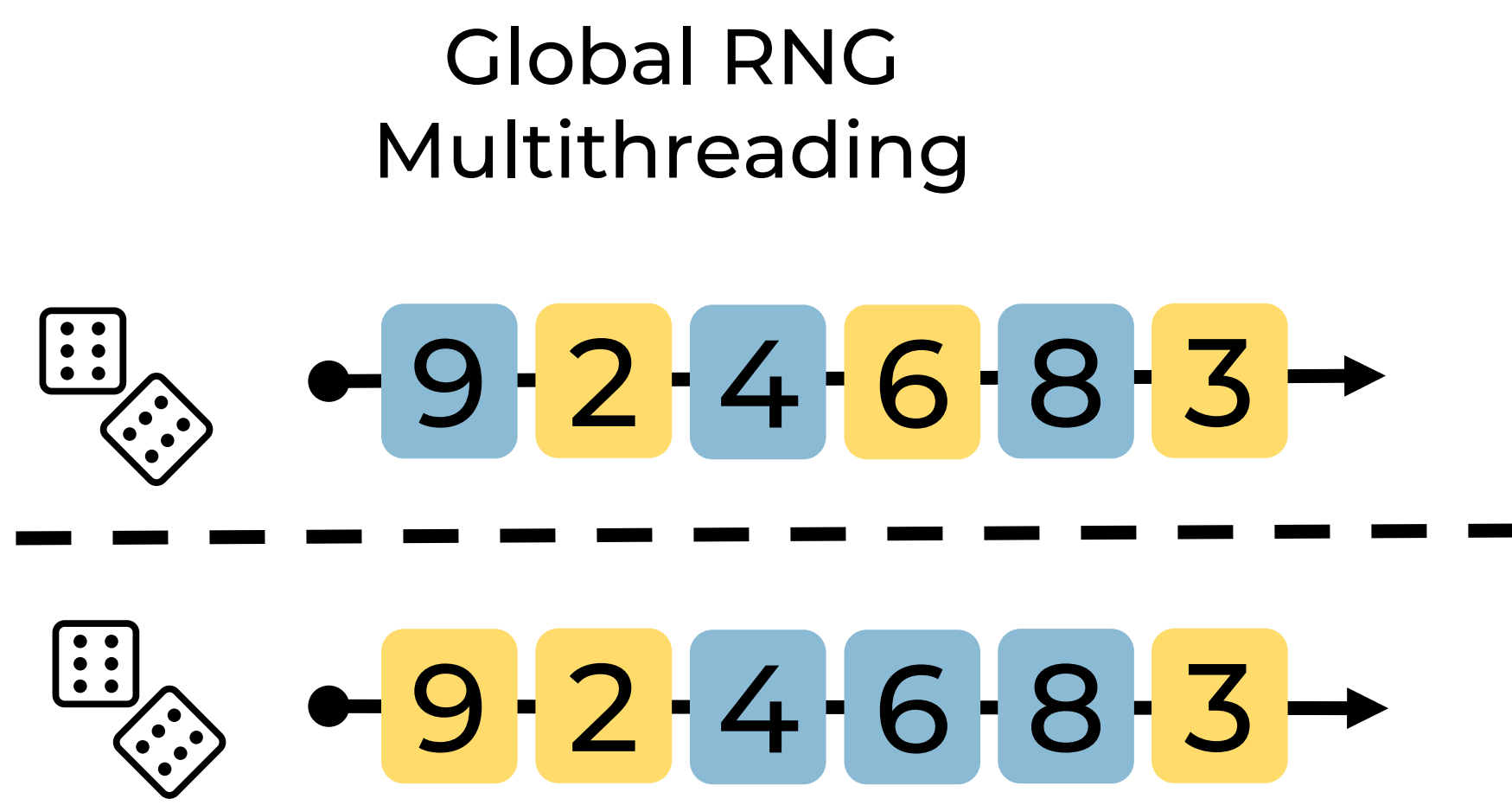


Joseph Wonsil¹, Jack Sullivan², Margo Seltzer¹, and Adam Pocock²

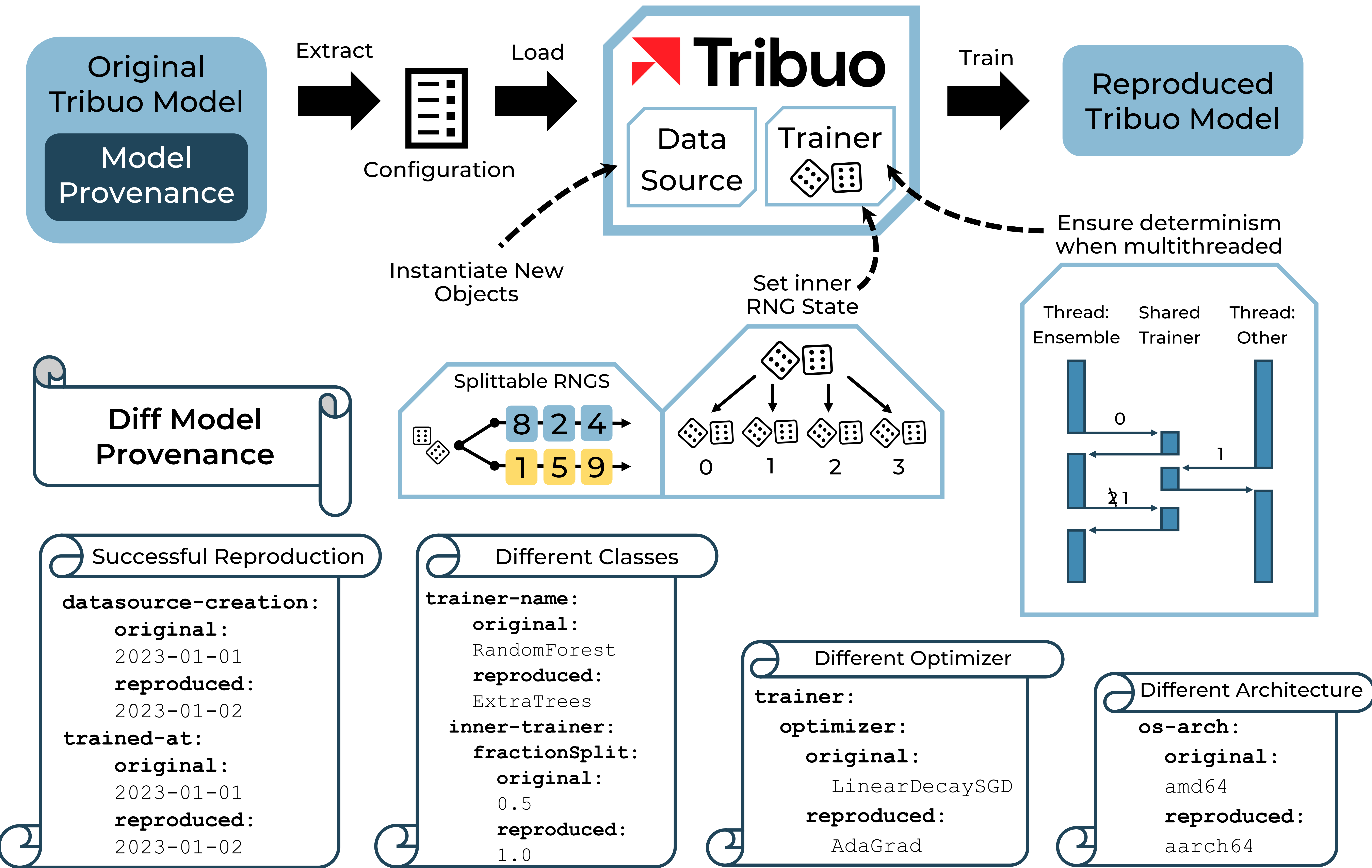
¹The University of British Columbia ²Oracle Labs

It is challenging to debug and share machine learning (ML) models.

Hyperparameters

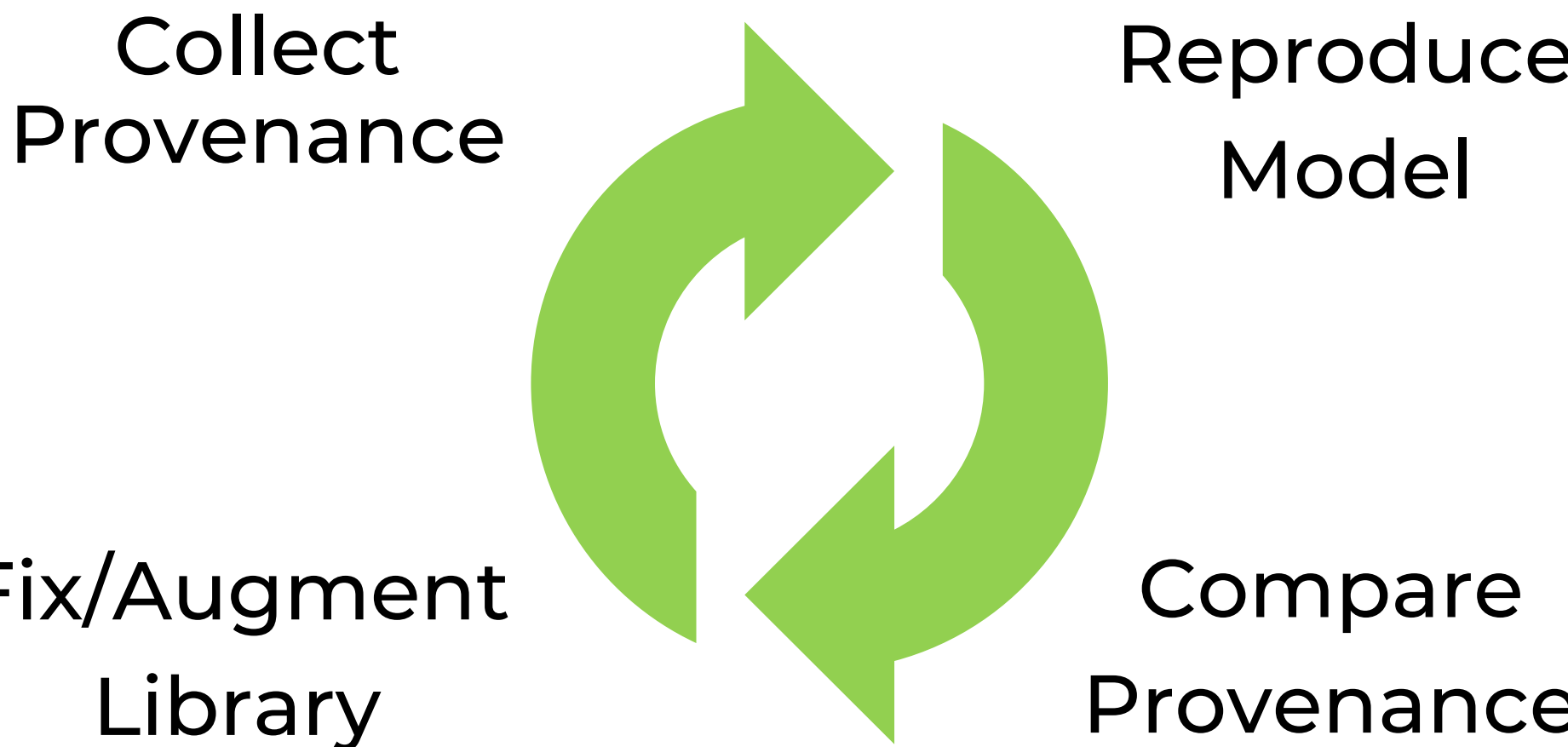
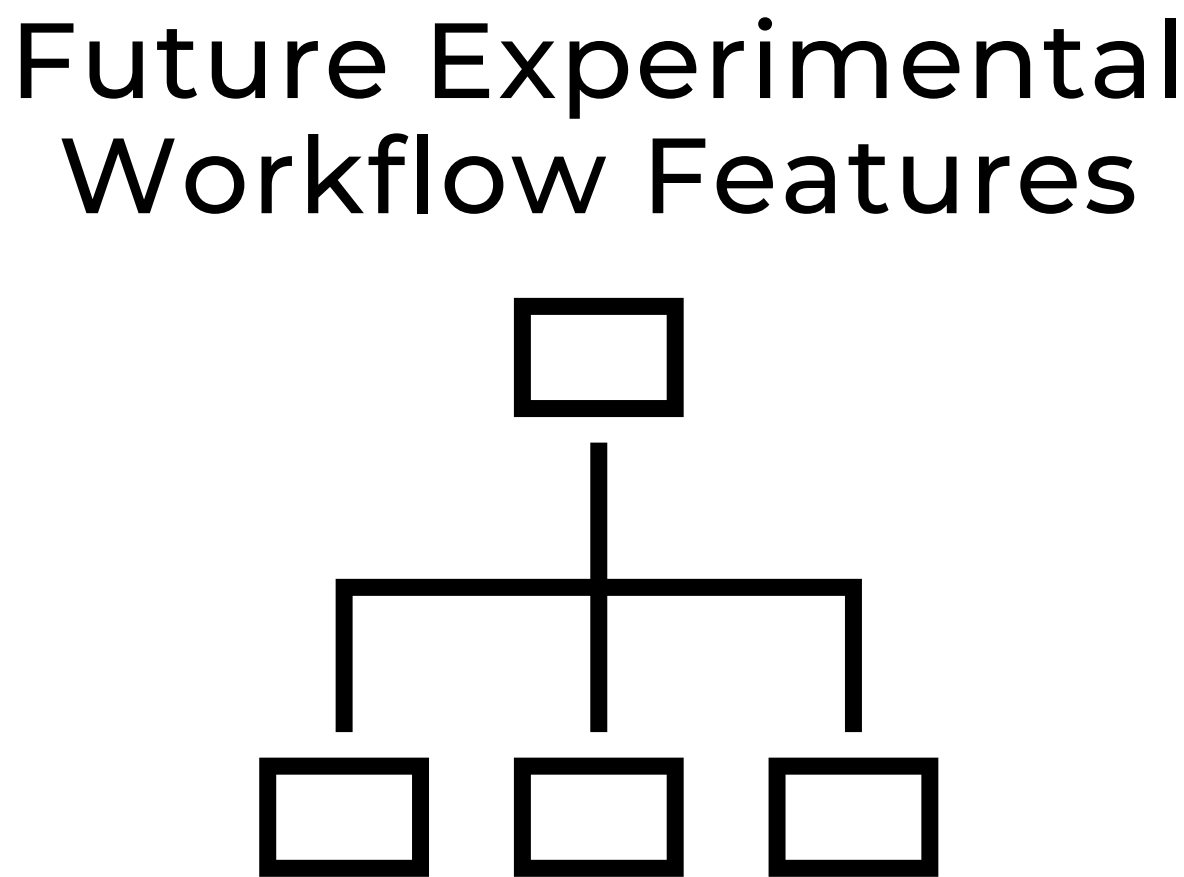


MERIT is a system built into the Java-based open-source ML library Tribuo. It leverages the internal knowledge found only within the library to provide automatic reproducibility for Tribuo ML models.

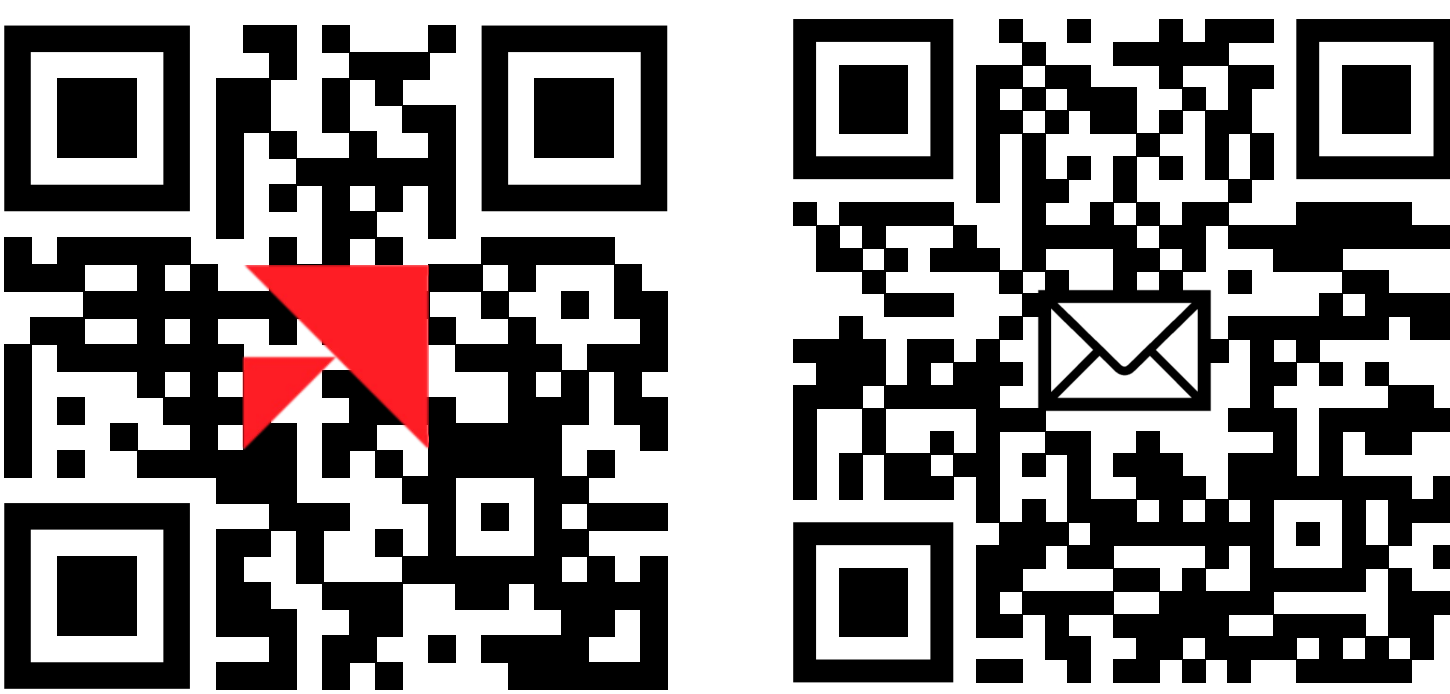


Outcomes

(almost) All Tribuo Models Automatically Reproduced



Learn More!



tribuo.org jwonsil@cs.ubc.ca