1 Download operation sources from TF repository → TensorFlow Repository

2 Mine for operation declarations → Operation definitions

3 Generate TensorFlow Model & Graph Function → Graph generating programs

4 Run TensorFlow Lite Converter → Tf lite models
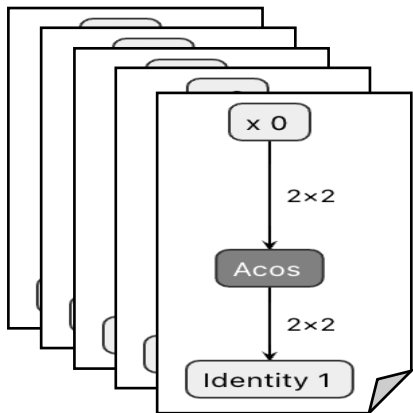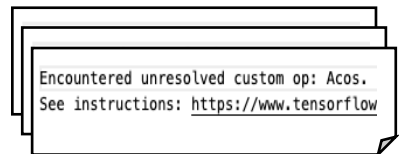
5 Catch unsupported operations errors → Log files with unsupported operations

6 Generate regression dataset using operations → Generated Dataset
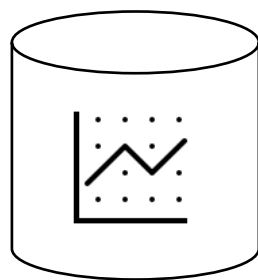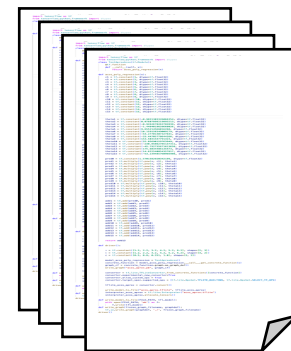
7 Export regression to TensorFlow function → Generated code with approximations
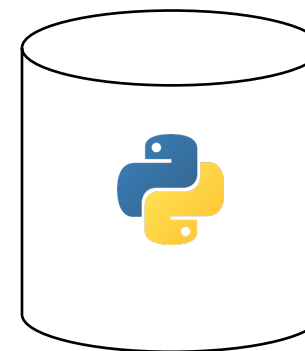
8 Validate the transformations and generate sources → programs with generated approximations