# What can be Improved?

RealValue

# Project Flowchart

Step 1

Step 2

Step 3

Step 4

Compilation of Augmented California Dataset

Train/Test on Many Networks

Training/Testing Pipeline

Compilation of Augmented Toronto Dataset

Create Embeddings

Train/Test on Best Network
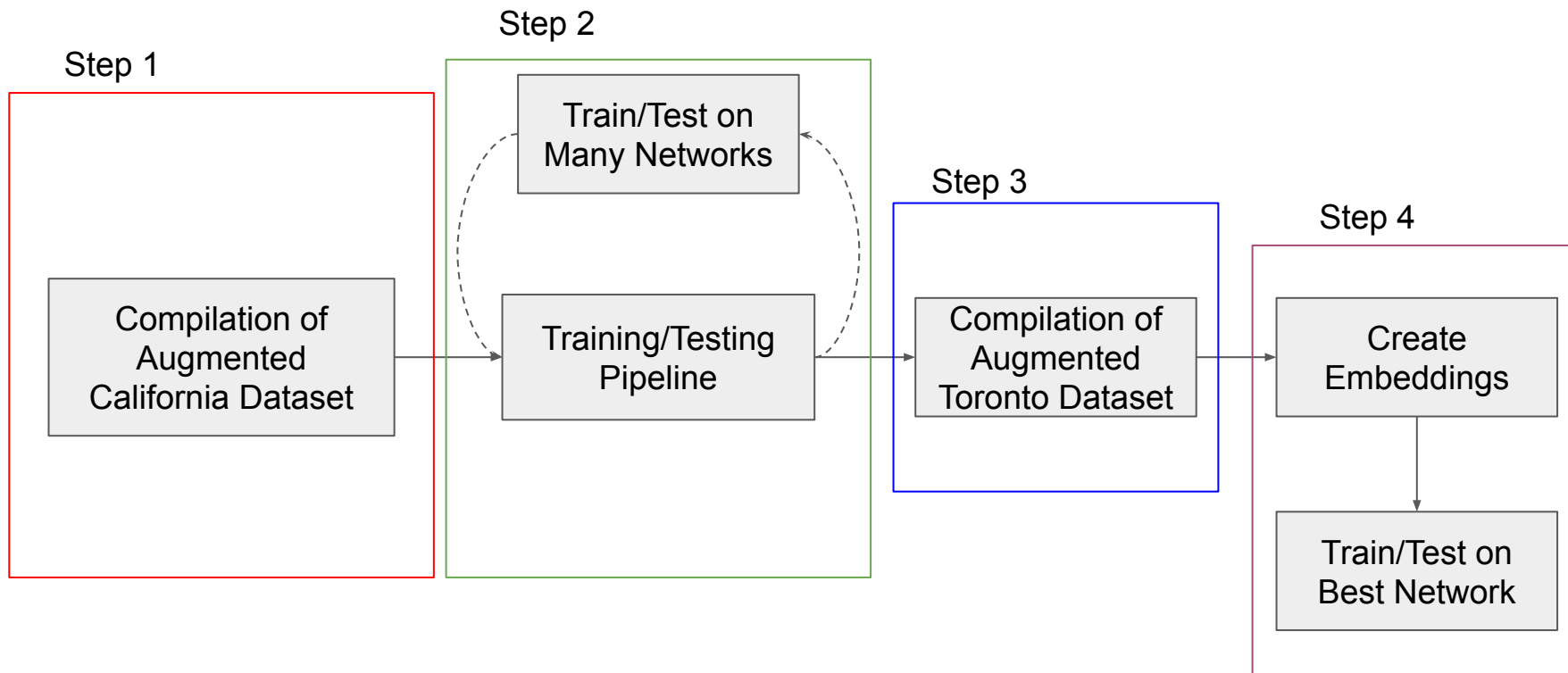
# Notable Changes Across Last Couple of Days

1. Reduce network size by a LOT (see RegNet.py and __init__.py)

2. Changed normalization type for pricing and also conduct normalization across the ENTIRE dataset first.

3. Reduced weight decay significantly.

Resulted in…

Sub-40% test accuracies.

# "Best Result" Detailing Process

1. Run your trials on your local computer and give a unique name to your run when the prompt appears.

2. Drag your run folder from your local "Output_Files" to the "Group Output Files"

3. Modify your folder name to include your test error AND your name.

4. Modify the Readme.MD to include your best accuracy for that week.

# What can be Improved?

1. Hyperparameters (see config.yaml)

2. Dense Network (see first part of config.yaml)

3. CNN Network (see RegNet.py or create your own in CNN_models)

4. Concatenation Network (see create_concat_network function of __init__.py)

5. Pre-Processing for Stats Attributes (see step1.py)