

Target-Aware Generative Augmentations for Single-Shot Adaptation

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How can I improve the performance of classifiers under real-world distribution shifts?

Adapt the model with target domain data!

Sure! But I am severely constrained for data

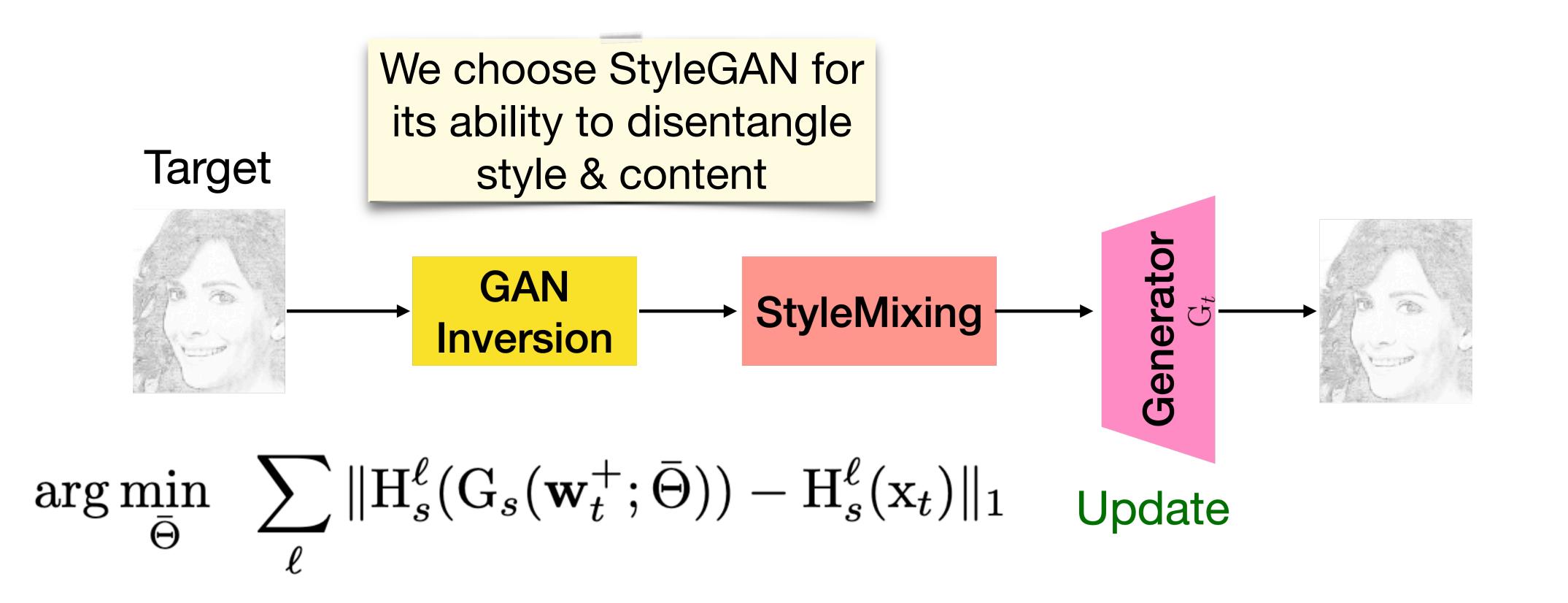
Synthetic data augmentations could help!

I tried using toolbox augmentations. No luck

I hear generative models are great. Try them?

Cool. I will check if they are useful in augmenting data-constrained target domains

Step 1: Transfer source generator with 1-shot target



Step 2: Generate synthetic "target" samples

