

Training Report

0. Experiment Information

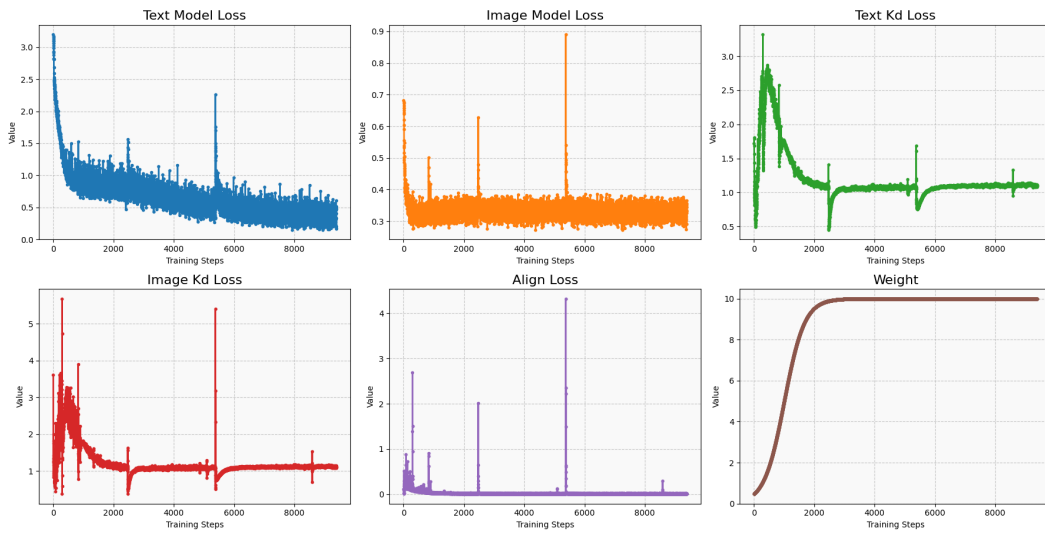
Name	gru_example
Reader	fashion_mnist_mixed_dataset
Text Architecture	gru_seq2seq_bidirectional_enc
Image Architecture	convolutional_image_autoencoder_depth_3
Tokenizer Path	../models/example/tokenizer.pkl
Dataset Length	10000
Image Size	56
Input Channels	1
Latent Dim	30
Embedding Dim	64
Hidden Dim	64
Context Length	10
Batch Size	32
Epochs	30
Trainer	MixedAdaptativeannealingTrainer
Training Method	modified
Weights.Text Model Loss	10
Weights.Image Model Loss	1000
Weights.Text Kd Loss	1
Weights.Image Kd Loss	1
Weights.Align Loss	100
K	0.0030
X0	1000
Results Dir	../experiments/gru_example
Checkpoint Dir	../models/gru_example
Checkpoint Steps	3000
Evaluators	MixedFashionMNISTEvaluator, MixedPerplexityEvaluator

Training Report

1. Training

1.1 Training Metrics Chart

Training Metrics Overview



1.2 Training Time

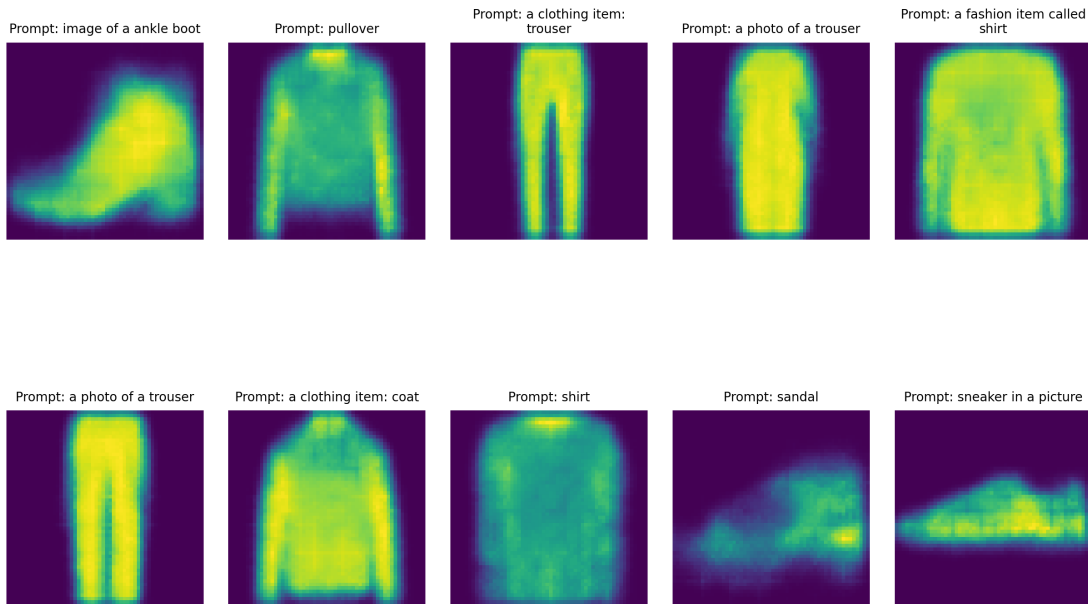
Total training time: 287.5229549407959 seconds

Formatted duration: 0:04:47 (hh:mm:ss)

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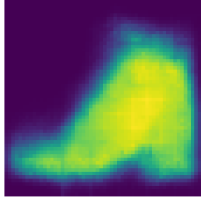
2. Generated Images

Images Generated from Text

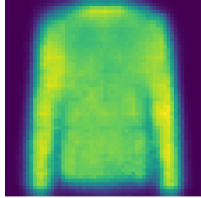


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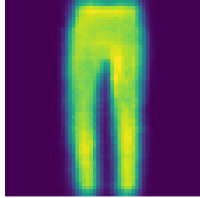
Prompt: image of a ankle boot



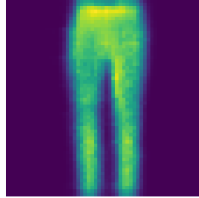
Prompt: a pullover



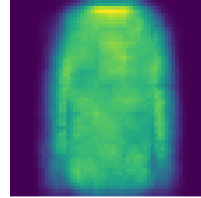
Prompt: a trouser



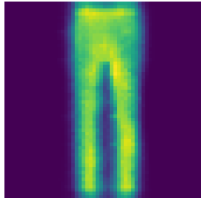
Prompt: trouser



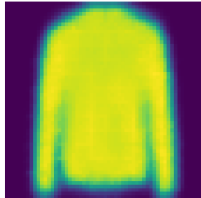
Prompt: shirt in a picture



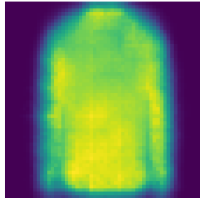
Prompt: trouser



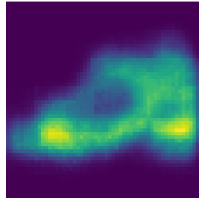
Prompt: a fashion item called coat



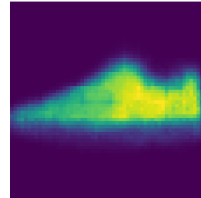
Prompt: a clothing item: shirt



Prompt: a clothing item: sandal

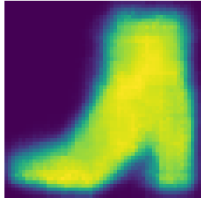


Prompt: image of a sneaker

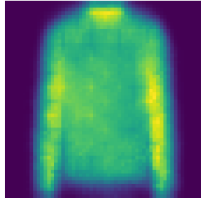


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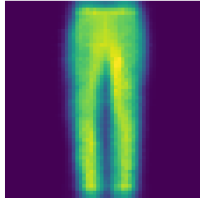
Prompt: a fashion item called
ankle boot



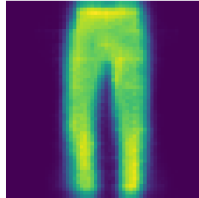
Prompt: image of a pullover



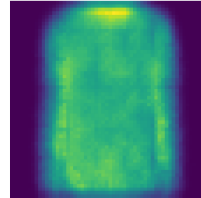
Prompt: trouser



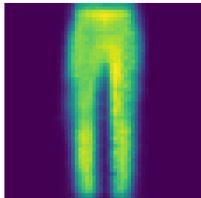
Prompt: a trouser



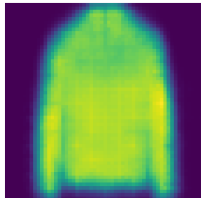
Prompt: shirt



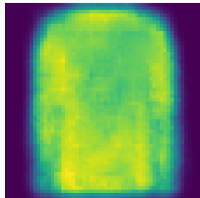
Prompt: image of a trouser



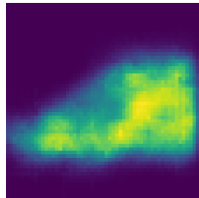
Prompt: a coat



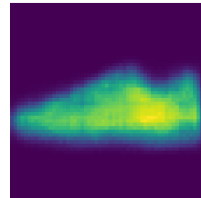
Prompt: a shirt



Prompt: a sandal

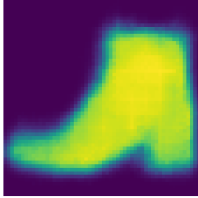


Prompt: sneaker in a picture

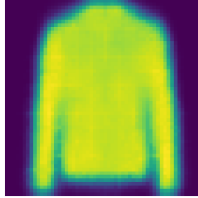


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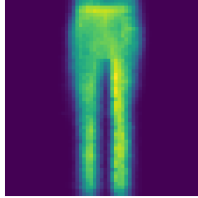
Prompt: a photo of a ankle boot



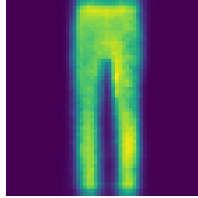
Prompt: a photo of a pullover



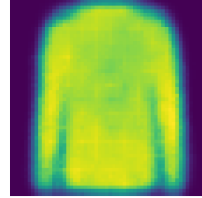
Prompt: trouser in a picture



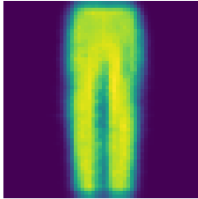
Prompt: trouser



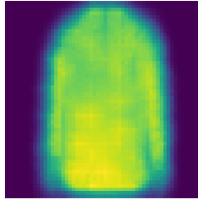
Prompt: a fashion item called shirt



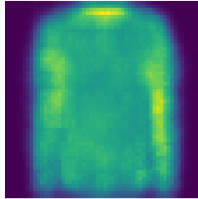
Prompt: a trouser



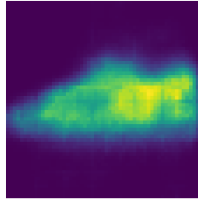
Prompt: a clothing item: coat



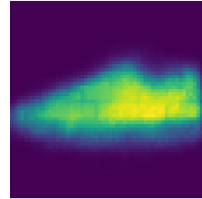
Prompt: shirt



Prompt: image of a sandal

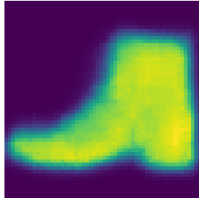


Prompt: image of a sneaker

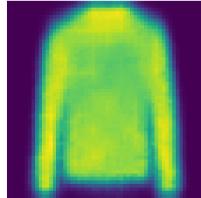


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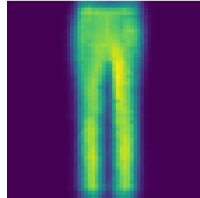
Prompt: ankle boot in a picture



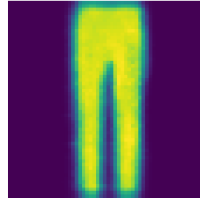
Prompt: a photo of a pullover



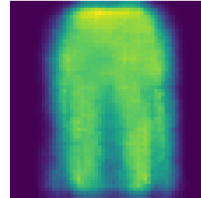
Prompt: trouser in a picture



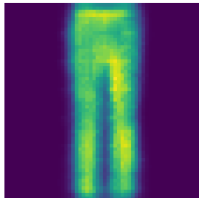
Prompt: a clothing item: trouser



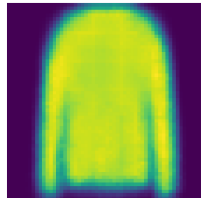
Prompt: image of a shirt



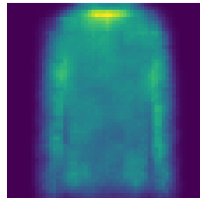
Prompt: trouser in a picture



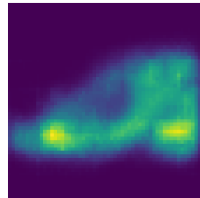
Prompt: a photo of a coat



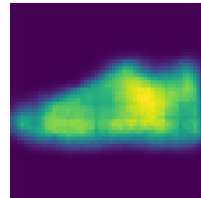
Prompt: shirt in a picture



Prompt: a sandal

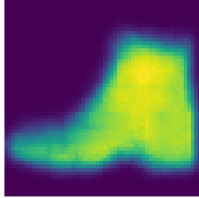


Prompt: sneaker

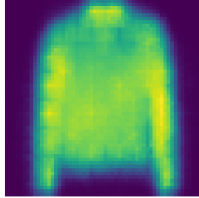


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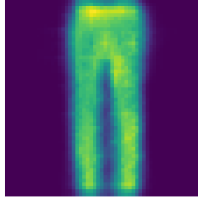
Prompt: a clothing item: ankle boot



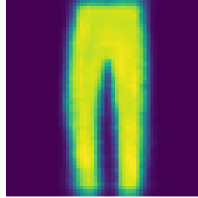
Prompt: a clothing item: pullover



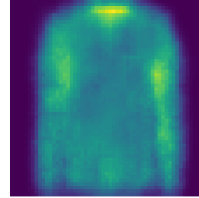
Prompt: trouser



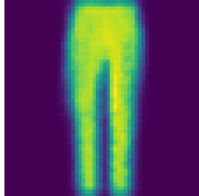
Prompt: a fashion item called trouser



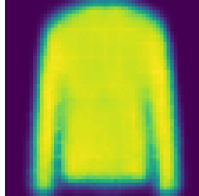
Prompt: shirt in a picture



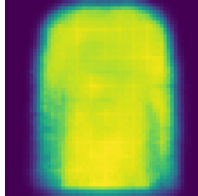
Prompt: image of a trouser



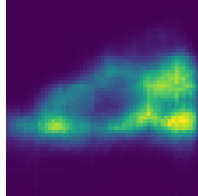
Prompt: a fashion item called coat



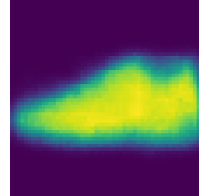
Prompt: a photo of a shirt



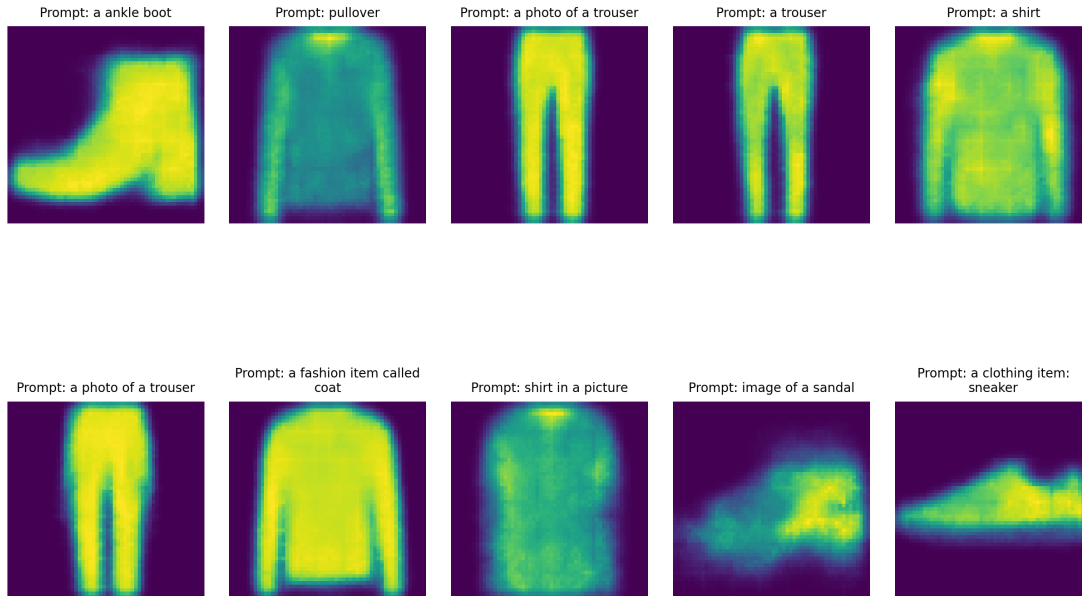
Prompt: sandal in a picture



Prompt: a sneaker

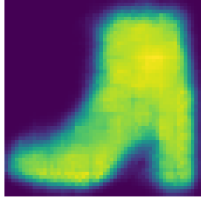


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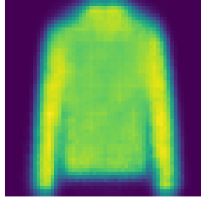


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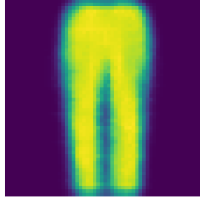
Prompt: a fashion item called
ankle boot



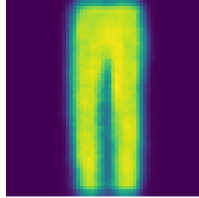
Prompt: a clothing item:
pullover



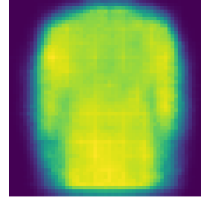
Prompt: a photo of a trouser



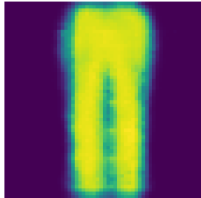
Prompt: a clothing item:
trouser



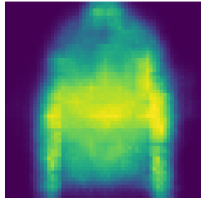
Prompt: a fashion item called
shirt



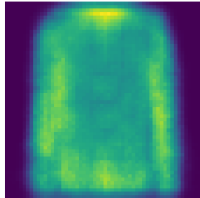
Prompt: a fashion item called
trouser



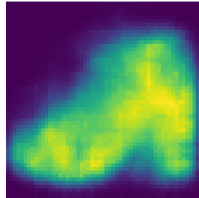
Prompt: coat in a picture



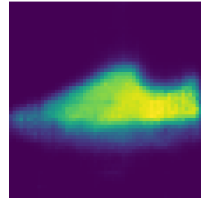
Prompt: shirt



Prompt: a fashion item called
sandal

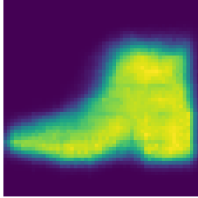


Prompt: image of a sneaker

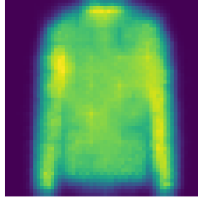


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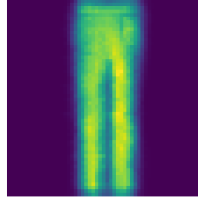
Prompt: ankle boot in a picture



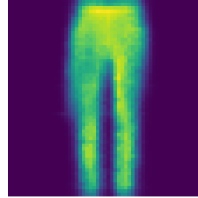
Prompt: pullover



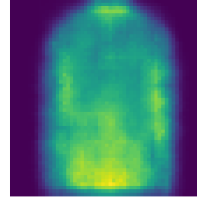
Prompt: trouser in a picture



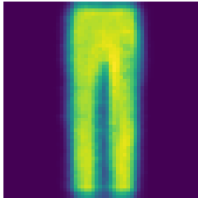
Prompt: trouser in a picture



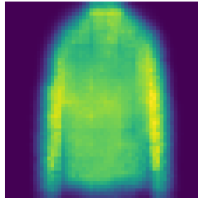
Prompt: shirt in a picture



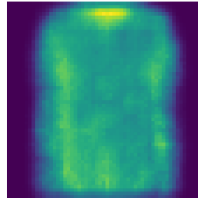
Prompt: a clothing item:
trouser



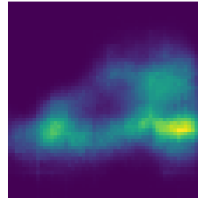
Prompt: coat in a picture



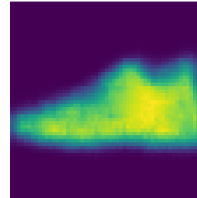
Prompt: shirt



Prompt: sandal

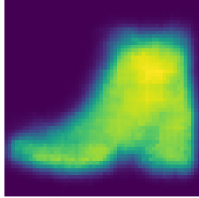


Prompt: a sneaker

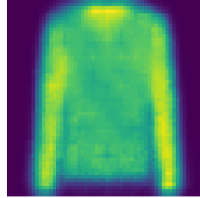


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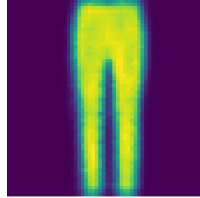
Prompt: a clothing item: ankle boot



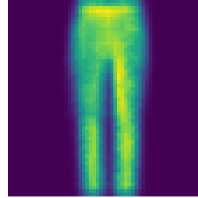
Prompt: pullover



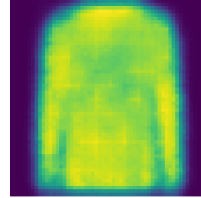
Prompt: a clothing item: trouser



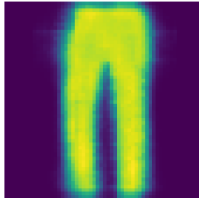
Prompt: trouser in a picture



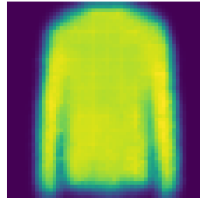
Prompt: a shirt



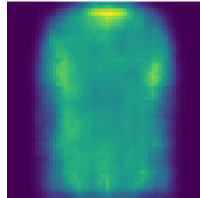
Prompt: a fashion item called trouser



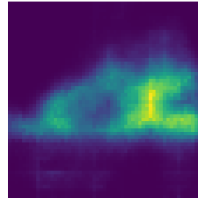
Prompt: a photo of a coat



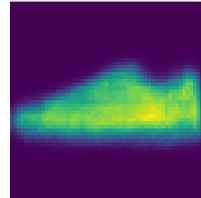
Prompt: shirt in a picture



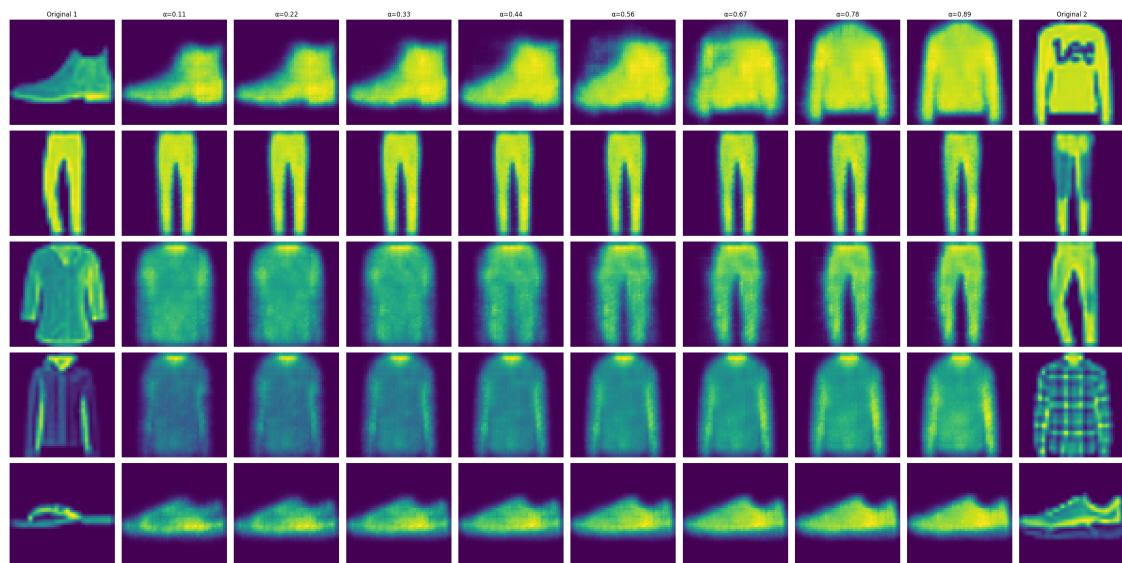
Prompt: sandal in a picture



Prompt: sneaker



Interpolation



Training Report

3. Evaluation Results

Results: eval_mixed_perplexity

Image To Text Perplexity	nan
Text To Image Perplexity	nan
Original Text Perplexity	nan