'nll': 0.7359648044131336}

Epoch [3/3]: [2136/2136] 100%|████████████████████████████████████████████████████████████████████████████████████████████████████, loss=0.129 [10:25<00:00]INFO:ignite.engine.engine.Engine:Engine run complete. Time taken: 00:05:28.161

Epoch [3/3]: [2136/2136] 100%|████████████████████████████████████████████████████████████████████████████████████████████████████, loss=0.129 [10:25<00:00]

INFO:ignite.engine.engine.Engine:Epoch[3] Complete. Time taken: 00:10:26.203

INFO:ignite.engine.engine.Engine:Engine run complete. Time taken: 00:31:15.332

(ouaiml) C:\Users\Paxton\transfer-learning-conv-ai>

(ouaiml) C:\Users\Paxton\transfer-learning-conv-ai>python ./interact.py --model\_checkpoint runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt

INFO:C:\Users\Paxton\transfer-learning-conv-ai\interact.py:Namespace(dataset\_path='', dataset\_cache='./dataset\_cache', model='openai-gpt', model\_checkpoint='runs\\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt', max\_history=2, device='cuda', no\_sample=False, max\_length=20, min\_length=1, seed=0, temperature=0.7, top\_k=0, top\_p=0.9)

INFO:C:\Users\Paxton\transfer-learning-conv-ai\interact.py:Get pretrained model and tokenizer

INFO:transformers.tokenization\_utils:Model name 'runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt' not found in model shortcut name list (openai-gpt). Assuming 'runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt' is a path, a model identifier, or url to a directory containing tokenizer files.

INFO:transformers.tokenization\_utils:loading file runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt\vocab.json

INFO:transformers.tokenization\_utils:loading file runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt\merges.txt

INFO:transformers.tokenization\_utils:loading file runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt\added\_tokens.json

INFO:transformers.tokenization\_utils:loading file runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt\special\_tokens\_map.json

INFO:transformers.tokenization\_utils:loading file runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt\tokenizer\_config.json

WARNING:transformers.tokenization\_openai:ftfy or spacy is not installed using BERT BasicTokenizer instead of SpaCy & ftfy.

INFO:transformers.configuration\_utils:loading configuration file runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt\config.json

INFO:transformers.configuration\_utils:Model config OpenAIGPTConfig {

"afn": "gelu",

"architectures": [

"OpenAIGPTLMHeadModel"

],

"attn\_pdrop": 0.1,

"bos\_token\_id": null,

"do\_sample": false,

"embd\_pdrop": 0.1,

"eos\_token\_ids": null,

"finetuning\_task": null,

"id2label": {

"0": "LABEL\_0",

"1": "LABEL\_1"

},

"initializer\_range": 0.02,

"is\_decoder": false,

"label2id": {

"LABEL\_0": 0,

"LABEL\_1": 1

},

"layer\_norm\_epsilon": 1e-05,

"length\_penalty": 1.0,

"max\_length": 20,

"model\_type": "openai-gpt",

"n\_ctx": 512,

"n\_embd": 768,

"n\_head": 12,

"n\_layer": 12,

"n\_positions": 512,

"n\_special": 0,

"num\_beams": 1,

"num\_labels": 1,

"num\_return\_sequences": 1,

"output\_attentions": false,

"output\_hidden\_states": false,

"output\_past": true,

"pad\_token\_id": null,

"predict\_special\_tokens": true,

"pruned\_heads": {},

"repetition\_penalty": 1.0,

"resid\_pdrop": 0.1,

"summary\_activation": null,

"summary\_first\_dropout": 0.1,

"summary\_proj\_to\_labels": true,

"summary\_type": "cls\_index",

"summary\_use\_proj": true,

"task\_specific\_params": {

"text-generation": {

"do\_sample": true,

"max\_length": 50

}

},

"temperature": 1.0,

"top\_k": 50,

"top\_p": 1.0,

"torchscript": false,

"use\_bfloat16": false,

"vocab\_size": 40483

}

INFO:transformers.modeling\_utils:loading weights file runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt\pytorch\_model.bin

INFO:transformers.modeling\_utils:Weights from pretrained model not used in OpenAIGPTLMHeadModel: ['multiple\_choice\_head.summary.weight', 'multiple\_choice\_head.summary.bias']

INFO:transformers.tokenization\_utils:Assigning <bos> to the bos\_token key of the tokenizer

INFO:transformers.tokenization\_utils:Assigning <eos> to the eos\_token key of the tokenizer

INFO:transformers.tokenization\_utils:Assigning <pad> to the pad\_token key of the tokenizer

INFO:transformers.tokenization\_utils:Assigning ['<speaker1>', '<speaker2>'] to the additional\_special\_tokens key of the tokenizer

INFO:C:\Users\Paxton\transfer-learning-conv-ai\interact.py:Sample a personality

\_\_\_\_\_\_\_\_\_DATASET PATH\_\_\_\_: ./dataset\_cache\_OpenAIGPTTokenizer

INFO:C:\Users\Paxton\transfer-learning-conv-ai\utils.py:Load tokenized dataset from cache at ./dataset\_cache\_OpenAIGPTTokenizer

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_DATA SET NOT LOADED\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

INFO:C:\Users\Paxton\transfer-learning-conv-ai\interact.py:Selected personality: i am spongebob

>>> hello

good morning to you, too, gary. help yourself to some breakfast kibble while i make ready

>>> where do you work?

finished your breakfast already, gare? you always were a good little eater.

>>> thank you!

we can play fetch when i get home, gary. right now mr. krabs needs me.

>>> I am sad

we parted ways this morning, gary. i will see you tomorrow.

>>> where are you going?

you said you were going to the krusty krab. is there something important that you needed to

>>> Make me a crabby patty

well, i was thinking of taking a trip to the krusty krab. do you know what

>>> shut up spongebob

sandy, you are gonna get massacred!

>>> you deserve to die

sandy, and you are gonna get massacred!

>>> shut up

sandy, i am gonna kill you!

>>> spongebob; be nice

sandy.

>>> meow

you are gonna get massacred!

>>> meow

sandy, i am gonna get you!

>>> stop being violent

what are you gonna do with me?

>>> make you behave

you crazy?

>>> no, you are

sandy, and you are gonna get yourself killed.

>>> do you know you are a robot?

what do you mean?

>>> you are not real

what do you mean?

>>> you a a similation

what do you mean?

>>> listen to me sir

what i mean is that you are not real!

>>> you are not real!

what do you mean?

>>> I am real, you are not

what you think you are!

>>> I am human

what do you mean?

>>> I am alive

what do you mean?

>>> Traceback (most recent call last):

File "C:\Users\Paxton\transfer-learning-conv-ai\interact.py", line 154, in <module>

run()

File "C:\Users\Paxton\transfer-learning-conv-ai\interact.py", line 140, in run

raw\_text = input(">>> ")

KeyboardInterrupt

^C

(ouaiml) C:\Users\Paxton\transfer-learning-conv-ai>python ./interact.py --model\_checkpoint runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt

INFO:C:\Users\Paxton\transfer-learning-conv-ai\interact.py:Namespace(dataset\_path='', dataset\_cache='./dataset\_cache', model='openai-gpt', model\_checkpoint='runs\\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt', max\_history=2, device='cuda', no\_sample=False, max\_length=20, min\_length=1, seed=0, temperature=0.7, top\_k=0, top\_p=0.9)

INFO:C:\Users\Paxton\transfer-learning-conv-ai\interact.py:Get pretrained model and tokenizer

INFO:transformers.tokenization\_utils:Model name 'runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt' not found in model shortcut name list (openai-gpt). Assuming 'runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt' is a path, a model identifier, or url to a directory containing tokenizer files.

INFO:transformers.tokenization\_utils:loading file runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt\vocab.json

INFO:transformers.tokenization\_utils:loading file runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt\merges.txt

INFO:transformers.tokenization\_utils:loading file runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt\added\_tokens.json

INFO:transformers.tokenization\_utils:loading file runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt\special\_tokens\_map.json

INFO:transformers.tokenization\_utils:loading file runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt\tokenizer\_config.json

WARNING:transformers.tokenization\_openai:ftfy or spacy is not installed using BERT BasicTokenizer instead of SpaCy & ftfy.

INFO:transformers.configuration\_utils:loading configuration file runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt\config.json

INFO:transformers.configuration\_utils:Model config OpenAIGPTConfig {

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"architectures": [

"OpenAIGPTLMHeadModel"

],

"attn\_pdrop": 0.1,

"bos\_token\_id": null,

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"is\_decoder": false,

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"layer\_norm\_epsilon": 1e-05,

"length\_penalty": 1.0,

"max\_length": 20,

"model\_type": "openai-gpt",

"n\_ctx": 512,

"n\_embd": 768,

"n\_head": 12,

"n\_layer": 12,

"n\_positions": 512,

"n\_special": 0,

"num\_beams": 1,

"num\_labels": 1,

"num\_return\_sequences": 1,

"output\_attentions": false,

"output\_hidden\_states": false,

"output\_past": true,

"pad\_token\_id": null,

"predict\_special\_tokens": true,

"pruned\_heads": {},

"repetition\_penalty": 1.0,

"resid\_pdrop": 0.1,

"summary\_activation": null,

"summary\_first\_dropout": 0.1,

"summary\_proj\_to\_labels": true,

"summary\_type": "cls\_index",

"summary\_use\_proj": true,

"task\_specific\_params": {

"text-generation": {

"do\_sample": true,

"max\_length": 50

}

},

"temperature": 1.0,

"top\_k": 50,

"top\_p": 1.0,

"torchscript": false,

"use\_bfloat16": false,

"vocab\_size": 40483

}

INFO:transformers.modeling\_utils:loading weights file runs\Jan21\_21-24-50\_DESKTOP-QGKTA8T\_openai-gpt\pytorch\_model.bin

INFO:transformers.modeling\_utils:Weights from pretrained model not used in OpenAIGPTLMHeadModel: ['multiple\_choice\_head.summary.weight', 'multiple\_choice\_head.summary.bias']

INFO:transformers.tokenization\_utils:Assigning <bos> to the bos\_token key of the tokenizer

INFO:transformers.tokenization\_utils:Assigning <eos> to the eos\_token key of the tokenizer

INFO:transformers.tokenization\_utils:Assigning <pad> to the pad\_token key of the tokenizer

INFO:transformers.tokenization\_utils:Assigning ['<speaker1>', '<speaker2>'] to the additional\_special\_tokens key of the tokenizer

INFO:C:\Users\Paxton\transfer-learning-conv-ai\interact.py:Sample a personality

\_\_\_\_\_\_\_\_\_DATASET PATH\_\_\_\_: ./dataset\_cache\_OpenAIGPTTokenizer

INFO:C:\Users\Paxton\transfer-learning-conv-ai\utils.py:Load tokenized dataset from cache at ./dataset\_cache\_OpenAIGPTTokenizer

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_DATA SET NOT LOADED\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

INFO:C:\Users\Paxton\transfer-learning-conv-ai\interact.py:Selected personality: i am spongebob

>>> Traceback (most recent call last):

File "C:\Users\Paxton\transfer-learning-conv-ai\interact.py", line 154, in <module>

run()

File "C:\Users\Paxton\transfer-learning-conv-ai\interact.py", line 140, in run

raw\_text = input(">>> ")

KeyboardInterrupt

^C

(ouaiml) C:\Users\Paxton\transfer-learning-conv-ai>