assignment11_MeyerJake

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0.1 Assignment 11

0.1.1 DSC 650

0.1.2 Jake Meyer

0.1.3 05/26/2023

Using code examples from Chapter 6 of First Edition: deep-learning-with-python-notebooks

```python
## Import the necessary modules for the assignment.
import csv
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import tensorflow as tf
import keras
import sklearn
import itertools
import string
from numpy import array
from numpy import argmax
from sklearn.model_selection import train_test_split
from pathlib import Path
from contextlib import redirect_stdout
import time
import os
import random
import sys

## Import the necessary keras components.
from keras import layers, models, preprocessing
from keras.datasets import imdb
from keras.preprocessing.text import Tokenizer
from keras.preprocessing import sequence
from keras.utils import to_categorical, np_utils
from keras.models import Sequential, load_model
from keras.layers import LSTM
from keras.layers.core import Dense, Dropout, Activation, Flatten, Embedding
from keras.optimizers import RMSprop
```

```python
import tensorflow.compat.v1 as tf
tf.disable_v2_behavior()
```

WARNING:tensorflow:From C:\Users\jkmey\anaconda3\envs\dsc650\lib\site-packages\tensorflow\python\compat\v2_compat.py:107: disable_resource_variables (from tensorflow.python.ops.variable_scope) is deprecated and will be removed in a future version.
Instructions for updating:
non-resource variables are not supported in the long term

```python
[2]: ## Print versions of essential packages
print("keras version: {}".format(keras.__version__))
print("tensorflow version: {}".format(tf.__version__))
print("pandas version: {}".format(pd.__version__))
print("numpy version: {}".format(np.__version__))
```

keras version: 2.11.0
tensorflow version: 2.11.0
pandas version: 1.5.3
numpy version: 1.24.2

0.2 Assignment 11 Criteria

Using section 8.1 in Deep Learning with Python as a guide, implement an LSTM text generator. Train the model on the Enron corpus or a text source of your choice. Save the model and generate 20 examples to the results directory of dsc650/assignments/assignment11/.

```python
[3]: '''
I will be using the same corpus as specified in the example in 8.1 for this
 ↪assignment.
Example Code from 8.1 in Deep Learning with Python provided below for reference:

import keras
import numpy as np

path = keras.utils.get_file(
    'nietzsche.txt',
    origin='https://s3.amazonaws.com/text-datasets/nietzsche.txt')
text = open(path).read().lower()
print('Corpus length:', len(text))


#####################################################
# Length of extracted character sequences
maxlen = 60

# We sample a new sequence every `step` characters
step = 3
```

```python
# This holds our extracted sequences
sentences = []

# This holds the targets (the follow-up characters)
next_chars = []

for i in range(0, len(text) - maxlen, step):
    sentences.append(text[i: i + maxlen])
    next_chars.append(text[i + maxlen])
print('Number of sequences:', len(sentences))

# List of unique characters in the corpus
chars = sorted(list(set(text)))
print('Unique characters:', len(chars))
# Dictionary mapping unique characters to their index in `chars`
char_indices = dict((char, chars.index(char)) for char in chars)

# Next, one-hot encode the characters into binary arrays.
print('Vectorization...')
x = np.zeros((len(sentences), maxlen, len(chars)), dtype=np.bool)
y = np.zeros((len(sentences), len(chars)), dtype=np.bool)
for i, sentence in enumerate(sentences):
    for t, char in enumerate(sentence):
        x[i, t, char_indices[char]] = 1
    y[i, char_indices[next_chars[i]]] = 1


#####################################################
from keras import layers

model = keras.models.Sequential()
model.add(layers.LSTM(128, input_shape=(maxlen, len(chars))))
model.add(layers.Dense(len(chars), activation='softmax'))
#####################################################
optimizer = keras.optimizers.RMSprop(lr=0.01)
model.compile(loss='categorical_crossentropy', optimizer=optimizer)
#####################################################

def sample(preds, temperature=1.0):
    preds = np.asarray(preds).astype('float64')
    preds = np.log(preds) / temperature
    exp_preds = np.exp(preds)
    preds = exp_preds / np.sum(exp_preds)
    probas = np.random.multinomial(1, preds, 1)
    return np.argmax(probas)


#####################################################
import random
```

```python
import sys

for epoch in range(1, 60):
    print('epoch', epoch)
    # Fit the model for 1 epoch on the available training data
    model.fit(x, y,
              batch_size=128,
              epochs=1)

    # Select a text seed at random
    start_index = random.randint(0, len(text) - maxlen - 1)
    generated_text = text[start_index: start_index + maxlen]
    print('--- Generating with seed: "' + generated_text + '"')

    for temperature in [0.2, 0.5, 1.0, 1.2]:
        print('------ temperature:', temperature)
        sys.stdout.write(generated_text)

        # We generate 400 characters
        for i in range(400):
            sampled = np.zeros((1, maxlen, len(chars)))
            for t, char in enumerate(generated_text):
                sampled[0, t, char_indices[char]] = 1.

            preds = model.predict(sampled, verbose=0)[0]
            next_index = sample(preds, temperature)
            next_char = chars[next_index]

            generated_text += next_char
            generated_text = generated_text[1:]

            sys.stdout.write(next_char)
            sys.stdout.flush()
        print()
'''
```

[3]: '\nI will be using the same corpus as specified in the example in 8.1 for this assignment.\nExample Code from 8.1 in Deep Learning with Python provided below for reference:\n\nimport keras\nimport numpy as np\n\npath = keras.utils.get_file(\n   \'nietzsche.txt\',\n origin=\'https://s3.amazonaws.com/text-datasets/nietzsche.txt\')\ntext = open(path).read().lower()\nprint(\'Corpus length:\', len(text))\n\n###\n# Length of extracted character sequences\nmaxlen = 60\n\n# We sample a new sequence every `step` characters\nstep = 3\n\n# This holds our extracted sequences\nsentences = []\n\n# This holds the targets (the follow-up characters)\nnext_chars = []\n\nfor i in range(0, len(text) - maxlen, step):\n

```
sentences.append(text[i: i + maxlen])\n    next_chars.append(text[i +
maxlen])\nprint(\'Number of sequences:\', len(sentences))\n\n# List of unique
characters in the corpus\nchars = sorted(list(set(text)))\nprint(\'Unique
characters:\', len(chars))\n# Dictionary mapping unique characters to their
index in `chars`\nchar_indices = dict((char, chars.index(char)) for char in
chars)\n\n# Next, one-hot encode the characters into binary
arrays.\nprint(\'Vectorization…\')\nx = np.zeros((len(sentences), maxlen,
len(chars)), dtype=np.bool)\ny = np.zeros((len(sentences), len(chars)),
dtype=np.bool)\nfor i, sentence in enumerate(sentences):\n    for t, char in
enumerate(sentence):\n        x[i, t, char_indices[char]] = 1\n    y[i,
char_indices[next_chars[i]]] =
1\n\n###################################################\nfrom keras import
layers\n\nmodel = keras.models.Sequential()\nmodel.add(layers.LSTM(128,
input_shape=(maxlen, len(chars))))\nmodel.add(layers.Dense(len(chars), activatio
n=\'softmax\'))\n###################################################\noptimizer
= keras.optimizers.RMSprop(lr=0.01)\nmodel.compile(loss=\'categorical_crossentro
py\', optimizer=optimizer)\n###################################################
#\n\ndef sample(preds, temperature=1.0):\n    preds =
np.asarray(preds).astype(\'float64\')\n    preds = np.log(preds) / temperature\n
exp_preds = np.exp(preds)\n    preds = exp_preds / np.sum(exp_preds)\n    probas
= np.random.multinomial(1, preds, 1)\n    return np.argmax(probas)\n
\n###################################################\nimport random\nimport
sys\n\nfor epoch in range(1, 60):\n    print(\'epoch\', epoch)\n    # Fit the
model for 1 epoch on the available training data\n    model.fit(x, y,\n
batch_size=128,\n              epochs=1)\n\n    # Select a text seed at random\n
start_index = random.randint(0, len(text) - maxlen - 1)\n    generated_text =
text[start_index: start_index + maxlen]\n    print(\'--- Generating with seed:
"\' + generated_text + \'"\')\n\n    for temperature in [0.2, 0.5, 1.0, 1.2]:\n
print(\'------ temperature:\', temperature)\n
sys.stdout.write(generated_text)\n\n        # We generate 400 characters\n
for i in range(400):\n            sampled = np.zeros((1, maxlen, len(chars)))\n
for t, char in enumerate(generated_text):\n                sampled[0, t,
char_indices[char]] = 1.\n\n            preds = model.predict(sampled,
verbose=0)[0]\n            next_index = sample(preds, temperature)\n
next_char = chars[next_index]\n\n            generated_text += next_char\n
generated_text = generated_text[1:]\n\n            sys.stdout.write(next_char)\n
sys.stdout.flush()\n        print()\n'
```

0.2.1 Create Directories

```
[4]: results_dir = Path('C:/Users/jkmey/Documents/Github/DSC650_Course_Assignments/
     ↪dsc650/dsc650/assignments/assignment11/').joinpath('results')
     results_dir.mkdir(parents=True, exist_ok = True)
```

0.2.2 Prepare the Data

```
[5]:  '''
      Decided to use the same .txt as shown in the example.
      '''
      path = keras.utils.get_file(
          'nietzsche.txt',
          origin='https://s3.amazonaws.com/text-datasets/nietzsche.txt')
      text = open(path).read().lower()
      print('Corpus length:', len(text))
```

```
Corpus length: 600901
```

```
[6]:  # Length of extracted character sequences
      maxlen = 60

      # We sample a new sequence every `step` characters
      step = 3

      # This holds our extracted sequences
      sentences = []

      # This holds the targets (the follow-up characters)
      next_chars = []

      for i in range(0, len(text) - maxlen, step):
          sentences.append(text[i: i + maxlen])
          next_chars.append(text[i + maxlen])
      print('Number of sequences:', len(sentences))

      # List of unique characters in the corpus
      chars = sorted(list(set(text)))
      print('Unique characters:', len(chars))
      # Dictionary mapping unique characters to their index in `chars`
      char_indices = dict((char, chars.index(char)) for char in chars)

      # Next, one-hot encode the characters into binary arrays.
      print('Vectorization...')
      x = np.zeros((len(sentences), maxlen, len(chars)), dtype=np.bool_)
      y = np.zeros((len(sentences), len(chars)), dtype=np.bool_)
      for i, sentence in enumerate(sentences):
          for t, char in enumerate(sentence):
              x[i, t, char_indices[char]] = 1
          y[i, char_indices[next_chars[i]]] = 1
```

```
Number of sequences: 200281
Unique characters: 59
Vectorization…
```

0.2.3 Build the Network

```
[7]: '''
     Our network is a single LSTM layer followed by a Dense classifier and softmax␣
      ↪over all possible characters.
     '''
     model = keras.models.Sequential()
     model.add(layers.LSTM(128, input_shape=(maxlen, len(chars))))
     model.add(layers.Dense(len(chars), activation='softmax'))
```

```
[8]: optimizer = keras.optimizers.RMSprop(learning_rate=0.01)
     model.compile(loss='categorical_crossentropy', optimizer=optimizer)
```

```
[9]: '''
     Save the model.
     '''
     result_model_file = results_dir.joinpath('Week_11_Model.h5')
     model.save(result_model_file)
```

```
WARNING:tensorflow:OMP_NUM_THREADS is no longer used by the default Keras
config. To configure the number of threads, use tf.config.threading APIs.
```

0.2.4 Training the Language Model and Sampling from It

```
[10]: '''
      Purpose: Code used to reweight the original probability distribution coming out␣
       ↪of the model,
      and draw a character index from it.
      Arguments: predictions, temperature
      Returns:
      '''

      def sample(preds, temperature=1.0):
          preds = np.asarray(preds).astype('float64')
          preds = np.log(preds) / temperature
          exp_preds = np.exp(preds)
          preds = exp_preds / np.sum(exp_preds)
          probas = np.random.multinomial(1, preds, 1)
          return np.argmax(probas)
```

```
[11]: begin_i = 1
      end_i = 21

      for epoch in range(1, 21):
          print('epoch', epoch)
          # Fit the model for 1 epoch on the available training data
          model.fit(x, y,
                    batch_size=128,
```

```python
            epochs=1)

    # Select a text seed at random
    start_index = random.randint(0, len(text) - maxlen - 1)
    generated_text = text[start_index: start_index + maxlen]
    print('--- Generating with seed: "' + generated_text + '"')

    iterations_epoch = 0

    for temperature in [0.2, 0.5, 1.0, 1.2]:
        print('------ temperature:', temperature)
        sys.stdout.write(generated_text)
        iterations_epoch += 1
        ## print("_____Begin_Write_____")

        # We generate 400 characters
        for i in range(400):
            sampled = np.zeros((1, maxlen, len(chars)))
            for t, char in enumerate(generated_text):
                sampled[0, t, char_indices[char]] = 1.

            preds = model.predict(sampled, verbose=0)[0]
            next_index = sample(preds, temperature)
            next_char = chars[next_index]

            generated_text += next_char
            generated_text = generated_text[1:]

            sys.stdout.write(next_char)
        print()
        ## print("_____End_Write_____")

        if begin_i < end_i and iterations_epoch == 2:
            generated_filename = "LSTM_Text_Generated_Temp_Epoch" + str(epoch)␣
↪+ "_Sample_" + str(begin_i) + ".txt"
            result_model_file = results_dir.joinpath(generated_filename)
            print("Writing File")
            print(result_model_file)
            print(generated_text)
            f = open(result_model_file, "w")
            f.write(generated_text)
            f.close()
            begin_i += 1
```

epoch 1
Train on 200281 samples
200281/200281 [==============================] - 116s 579us/sample - loss:
1.9692

--- Generating with seed: "itical (moral), or the artistic. it is for these investigato"
------ temperature: 0.2
itical (moral), or the artistic. it is for these investigatous and a be the spirit of the self-exception

C:\Users\jkmey\anaconda3\envs\dsc650\lib\site-packages\keras\engine\training_v1.py:2357: UserWarning: `Model.state_updates` will be removed in a future version. This property should not be used in TensorFlow 2.0, as `updates` are applied automatically.
  updates=self.state_updates,

 of the self the self is the self and in the self in the still for the same the self and deced and the self and the soul a most the spirit of the self and the self to the secrity of the conderter of the spirit of the self and the self and the sense of the spirit of the self and the fertain a so the still of the self-exer to the self to the self and the s
------ temperature: 0.5
the still of the self-exer to the self to the self and the self-extect of expected to deed of poose of the distrust of canting to the self persently of the deed as the most in the feeleness of man of the relate of "the some to deed in the still of the so can the serse is say, the same to the stand regreates his feeling one all command for the stronger about of the self to the spilis the stracted to comple of a self to disterinally from are count of the sel
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignments\assignment11\results\LSTM_Text_Generated_Temp_Epoch1_Sample_1.txt
o comple of a self to disterinally from are count of the sel
------ temperature: 1.0
o comple of a self to disterinally from are count of the self averin contrecganing ty above the the infruence, desered uper not ;id is our arwle they scead of rebgenernation."--bus only and been
the benoments, and "midity of that therewiwh
repwinds threy k begrain as the inscinifulnate is recoum nable truat of nother childn silerity inlactful is radias, for the cawsowed norder, we may wyrathilure soor" who dankers, evers
virifd--they thrigh with rewargher
------ temperature: 1.2
soor" who dankers, evers
virifd--they thrigh with rewargher and self deconofuisty(d"anr, and pafhersable, it agt spiriturable-=our fram,
past to atwite trutteritiap, the one existian pirhap. only if on their to must touberiut
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uralot quessionation day andornebtois
of
epoch 2

```
Train on 200281 samples
200281/200281 [==============================] - 113s 565us/sample - loss:
1.6146
--- Generating with seed: "
invention is due to the provencal poet-cavaliers, those bri"
------ temperature: 0.2


invention is due to the provencal poet-cavaliers, those bring of the soul of all
the sense of the same too the sense of the sense of the sense of the sense of
the sense of thing the sension of the sense of the signner of the supposing to
be all the sense of the sensible of the sense of the sense of the sension of the
surpose of the supersting the sense of the sense of the sense of the sense of
the sensial interpretation of the sense of the sense of the so
------ temperature: 0.5
e sensial interpretation of the sense of the sense of the soult and religion of
the condition of a sincous of the strength into the because to free things to
the most condition of this our nothing and singlity of the serving that the
supposonity of propers of many perhaps things of light of all one who lay the
believes with its spirit of the spirits of the suading to desire and the
sensence, which he souls at it stands in the fained in self-delight: but po
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch2_Sample_2.txt
 he souls at it stands in the fained in self-delight: but po
------ temperature: 1.0
 he souls at it stands in the fained in self-delight: but post" my too who
britcor-ilsd. cariol, what general spirit greater and from recoppiding
himselfiaticg, ageing who brounsh our bytrant insultistssy man: would all good
now the sprece, for to fraines, only priviing bifting to ambirilice, by hitherto
been confoundent castude ob
inspiritude dectances and religion nor their pultimary of virble of places
deviloneds, amblesss of the provisely romagery of r
------ temperature: 1.2
f places deviloneds, amblesss of the provisely romagery of religation tow, also
now upon you
isplaning evilureorer, nomed, "with chitasty upwargeslancomber aby, detiments
inpliditless?
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decapt at plial, seld syceem;
harr eersound, "alwoifequing"--"he
dearely have to
much womans sciene" furulis or yore, gratile that revience, incontinuce met
dwacring
'oons,," repiritial. the sindly
epoch 3
Train on 200281 samples
200281/200281 [==============================] - 113s 566us/sample - loss:
```

1.5262
--- Generating with seed: "be courses and windings corresponding to
such characters, ju"
------ temperature: 0.2
be courses and windings corresponding to
such characters, just and the present to the same all to the same and more and
the problems of the fair to the most and the states of the present and all the
sense of the spirit and the same to something and the most contemption of the
predication of the most subtiently and the same to the most subtiently and the
same to the problems of the precisely in the being of the spirit and the
subjection of the problem of th
------ temperature: 0.5
 being of the spirit and the subjection of the problem of the origin, or best
and and the atterness, and without the best and become to men of the same also
subjected to the most of the problems or a spirits among the sense that there is
not all the experienced, in with regards and states, the most man to subtle to
be object of the greatest of an all the will not far the finds of the provection
of presenting and schopenhauer, and because the will to the mo
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch3_Sample_3.txt
 presenting and schopenhauer, and because the will to the mo
------ temperature: 1.0
 presenting and schopenhauer, and because the will to the motignt of who
has being--which tootorstengences. all a deeper "bot, and because horo wants,
into all things bream purpore that at only were a"squition, as
fair anses enisfel mand
into
langural good to transfore towards: but pitture aparistements. untolt in
manyswe-decided bod and significances. too sontliess eles bad plaining world in
sach. as spor
stil all man without a
"uftiments, sufficience, bu
------ temperature: 1.2
. as spor
stil all man without a
"uftiments, sufficience, but galenccus is dinesto eself this
problems.-
wonds, profours moclion because, the disontonisune any
fanturable, here.! truths anopy.
fufbre:
toxens to run showenicatidning lear must tocho as or containing any most even !
emborichive greek or
"polise outs msequires
yvicianiot.=--detarrity, over well"omerny: nocouwn severgedning gainto in
curentials its concernt;"
of. andgo
cimpurse all gogm: "men,

11

```
epoch 4
Train on 200281 samples
200281/200281 [==============================] - 111s 556us/sample - loss:
1.4803
--- Generating with seed: "to what extent it was encouraged just by
his father's hatred"
------ temperature: 0.2
to what extent it was encouraged just by
his father's hatred and the subject to the sense and the subject the words of
the moral such all the subject themselves and the same distingured of the sense
of the sense and all the sense of the superficial of the sense of the sense and
souls, and the successed and the speaks of the subject to the stope of the
spirit of the success of the subject of the sense and the strength of the
problem of the sense of the sens
------ temperature: 0.5
nse and the strength of the problem of the sense of the sense in it is the souls
and science, and one and these obder to the commings and men who in the spirit,
which they deception, and in the influenced who "man"chers of even the one
himself of the intention of the feelings, to some with the same stood which his
responity of the still to the ambition, and and comple sympathunes, and in
the same the words, and we ender themselves to the the single in the
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch4_Sample_4.txt
the words, and we ender themselves to the the single in the
------ temperature: 1.0
the words, and we ender themselves to the the single in the quiiniate
plalshouses had to womat. they have nature of
comporthing--lobsly
would becongure of  ganges of hatily abone him salodinge.
 l day, spet these free occonds was
infernance, in own a prigrately, eswenges
of befey to magic, be. it is the bendercough morals, that osener moralityed
as he withedest2=y of living of weyed; in greaturous of his isong
example. there, at an part, back feel and some
------ temperature: 1.2
 of his isong
example. there, at an part, back feel and some word
tome-choure with
? yes. at pains, to neath: out knows"
like," thens.f-tomethingmman
en anaurmseld o, which sklews himself ioterdromd-also
terrows
and
complehervate, reguid.'
xp. allved, theny-comal, awoubed soutshs and look anamer, a "youth has to
continutic, which there ares (shime--and good,
rablesh
```

in this wallers, one stand
goojon have med a stimes. there more "from evel, dinge: honesses
epoch 5
Train on 200281 samples
200281/200281 [==============================] - 116s 581us/sample - loss:
1.4479
--- Generating with seed: " does it matter about all their honesty and
reciprocal usefu"
------ temperature: 0.2
 does it matter about all their honesty and
reciprocal useful of the sentence of the superstinction of the same the self and
the self-contrady and a surprecited the spirit of the self of the self-
responsible to a spirit of the desire the spirit of the subject of the sentiment
of the spirit of the "more a spirit of the suffering to the self and for the
spirit of the self-order the spirit of the spirit of the sentiment of the free
spirit, and a soul of the
------ temperature: 0.5
irit of the sentiment of the free spirit, and a soul of the spirit of the a
pride and for his indiced with their the whole will the general and may for
the will, and of the special envant of the superiority to which luch the heart
self-contrary and need of a new the
strength and in the similates, in the false begands and the origin, in the
prained the free spirit and the greater a contrary of the same spirit of the
sentiment of the suffering the explaine
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch5_Sample_5.txt
e same spirit of the sentiment of the suffering the explaine
------ temperature: 1.0
e same spirit of the sentiment of the suffering the explained and died in
inticdent. he which at the fariness and minds and time have not upon that in the
erroral, this marking a of virtue to beems, "the man
astrecy for this gefse, a "feeling
historthesting, the german man derant they condemn--the varismy do a provers is
self a gcast deeven responster will under, that is
imprarement of these constray cround "germa virtues, the defewint--in these
origin of
------ temperature: 1.2
ray cround "germa virtues, the defewint--in these origin of proved, strucg1, so
how espiveshest philosopher 2w-my end, he conditionses" doing of til had reast
of knowledge! in which is,
foots our
rates. i german, two yesprements of excecres--but had mes. at he means as i
uswant with mankind, has a dehined a mome of gond humance,
german the perhaps, somenger vorathpoul around one souls ande of to tays been-
like!

.o

12at of anything and celements, everywi
epoch 6
Train on 200281 samples
200281/200281 [==============================] - 112s 560us/sample - loss:
1.4278
--- Generating with seed: "any one
plainly, and without metaphor, counts man among the "
------ temperature: 0.2
any one
plainly, and without metaphor, counts man among the spirit and so the self-
conscience of the superiority of the sense of the spirit and soul of the self-
conscience of the spirit in the sense and conscience of the same the self-nature
of the strain and so the sense of the same the souls and respecting the sense of
the spirit, and it is the same the the self-nature, and the superiority and
souls and even the sense the self-nature and desires and the
------ temperature: 0.5
ouls and even the sense the self-nature and desires and the superiors, latter to
the subjugation of the others of the desensed.

11rrtating and believe the superiority of the the spirit have been a percenting
himself and all a religions of the religious moral done or interpretations and
of him in all responsible as a desists and and desellence and also its estene
the the pure the the will to be love of short, and also, as desires and assume
of the others,
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch6_Sample_6.txt
ve of short, and also, as desires and assume of the others,
------ temperature: 1.0
ve of short, and also, as desires and assume of the others, untorcerning
ethicalition, the borous,sm--strict curred
instincts that the spripiouss. but is i al
nece, he is all charicy and serve he halt course of all always in generary,
imperst of
the strong claise of
terration whan made of the germany inconversice--his valuations it has realons
consequentness and result with the guint of gree-xha-enhagr, endurs,
for the "curiasured, ourselves we act its dev
------ temperature: 1.2
nhagr, endurs,
for the "curiasured, ourselves we act its devile.wilderl"
watt-a
vanity of the paies
 good part to
whate sometime as forning: thno dismisuned
dons owing in religious dingnded by a

chungation egoe
in dngmith." can no have tikeisshop, and recogrizatess"ed more.

1ut who, all greek-prulizated; alway,
a mod reconjuss that the sanct of puolars, will more. will danering eheveism,
and has much
"mor ememententy in
orated that it not, have
been the p
epoch 7
Train on 200281 samples
200281/200281 [=============================] - 118s 589us/sample - loss:
1.4112
--- Generating with seed: "sets herself up to be
scientific? enlightenment hitherto has"
------ temperature: 0.2
sets herself up to be
scientific? enlightenment hitherto has and also all the sense of the strength
and also all the sense of the states of the sense of the sense and also all the
sense of the sense and self and soul of the more and self and same also all the
sense in the preservation of the sense of the sunced and soul of the old and all
the sense, and also the same also the sense of the works of the supposion of the
spirit and moral states in the works a
------ temperature: 0.5
 the supposion of the spirit and moral states in the works and all the thing of
so also think and comes and also estent to an assent and supposion and self
without and morality and many and real of his opinion of the spirit philosopher
of the not of the preserve to be finally any not rest all the moritual, and also
nothing of the old the most all in the end artity and europe who has for the
really too has a thing to absolute works of the works the true the
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch7_Sample_7.txt
 too has a thing to absolute works of the works the true the
------ temperature: 1.0
 too has a thing to absolute works of the works the true the
europe species hand
out of
which he looks and or neeghing--sustence. puilty, in order to the own genaile
which were banding which also among complaing, and though deterione is a
cheating for him
lastly respecially exception may comes he which is itso
train voicates for than
taken excesse in lutest of given thing means of lehing master, and such it is
only be
tuch the
souls
"boer cause oft clealog

```
------ temperature: 1.2
nd such it is only be
tuch the
souls
"boer cause oft clealoging of untess, among caralty anranged, as it walss what
in the signable; the largy.


        ! i no aaso lieve of more
same concints the virnrarite geene all o. in namelis?--overfumely for a that
ailing, that
is long and the yjudgemous of
simil domils,
fromse asmoanian functific inclisation of one was avourar calrotoquined. the
dosedancyulenie matament
belieofe-ess, arigine "psich of which peimina
epoch 8
Train on 200281 samples
200281/200281 [==============================] - 118s 587us/sample - loss:
1.3975
--- Generating with seed: " upon principle;
they are always in favour of those who suff"
------ temperature: 0.2
 upon principle;
they are always in favour of those who suffer to sense of the sense of the
superconed superstitions, and in the religions of the proved the sense of the
spiritual and supertom the proved the subtle of the spiritual of the conception
of the spiritual and self-desires and soul and soul and the sense of the spirit
and the sense of the spirit and soul is the sense of the sense of the sense of
the sense, and so that the sense of the sense of th
------ temperature: 0.5
sense of the sense, and so that the sense of the sense of the predicate in
morality in the sbility of the freedom of the scerve of the pregabity in
somewhon in the most subtle at the superficialist desires as the scholarle even
which we regarded of a commanter, which has even the proved, and of the opposion
of the stopical and the most problem in the spiritual and the most philosophy
and superwance, feelings, our exploses to the greatest and made upon the
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch8_Sample_8.txt
e, feelings, our exploses to the greatest and made upon the
------ temperature: 1.0
e, feelings, our exploses to the greatest and made upon the vey, by really
become atapologume. here of "tance of conceived spect, commented sych, and
signe, that forting sense fronts the utting of called, his supwesciful, any im
the opposive; it will superfection of eaghts in so, in a, as physiologically
time, on impriois sense--to danger event-
what contradiated to say, the perfor "science, no very preach as designaten and
delight in which must the fulls
```

```
------ temperature: 1.2
ry preach as designaten and
delight in which must the fulls
livesa
man-in ourstoles, underprobit. afwarlybubdtiately i bet
satisfage it; ore threeed diswolling
ontilled thus lowest a lantur of with  scentimal probnt? sufferation, though a
present,
o. its upingarikeed a-day., a contagn. ye pering, weo sumples,, and sweete,
every apressing piting tha fre: lines us, which shimegises, immeh
a
bolorpod
of atticud of an"iness
partraxisho of the branteds the mise
epoch 9
Train on 200281 samples
200281/200281 [==============================] - 116s 581us/sample - loss:
1.3858
--- Generating with seed: " a right to
be useful to another man at his own expense. in "
------ temperature: 0.2
 a right to
be useful to another man at his own expense. in the conscious and the submulate
of the moral and self-contrary of the best of the submare the sense of the
artists and super-and all the substance of the substance of the fact of the
profound all the substance of the spirit of the real and souls of the conscience
of the profound and the worthy of the substance of the conscience of the
submulate to the substance of the conscious and conscience of t
------ temperature: 0.5
mulate to the substance of the conscious and conscience of the substope in the
shilde and a stranges of the bad and cases of the spirit of the heath in the
conscience of profound sporting and the all this is one must means of the words
of controle that the best of the contempt of the future of "science, who has a
degree in the humplises conscious in conscience of the same
all great the conscious at the submulate of man, through the a suffer of a
spirits an
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch9_Sample_9.txt
t the submulate of man, through the a suffer of a spirits an
------ temperature: 1.0
t the submulate of man, through the a suffer of a spirits and whos--whoracherd,
the worth the scording, with which makes in whose upon the spen be as could
happenes to regive and orbear to spankousd, immediou as short, with the more
whate us
of-""matal madicist, in the nact, is iimedousness; as the resor from the
philosophical suisticule as a century would not the own, how
```

have,
well as can intellectud agoty, and must y hix own man then criman ? is is alte
------ temperature: 1.2
ectud agoty, and must y hix own man then criman ? is is altersates
in look spicualtys",
neither on natured but part existing wast in the very by the
nation of butily and arow love need orged of their quess assume you advonely
"similar, who is in whrelost for communitily--momest--in physicystalm fulsher
calority and formule untheitters. he we .this still suspare form") is henter
fance to be ar, in the are of feel estabed to
sentively deprided so certads of
epoch 10
Train on 200281 samples
200281/200281 [==============================] - 115s 576us/sample - loss:
1.3774
--- Generating with seed: "punishment and reward, blame
and praise operate most potentl"
------ temperature: 0.2
punishment and reward, blame
and praise operate most potently the soul of the sense and profound the self-
assentific and distinctive the stands and conception and distrust and the sense
and the same to state of the sense of the moral some the same and profound the
self-end and possibility and present and the sense the sense of the standards
and the sense of the sense and the sense of the sense and the concerning the
sense of the sense of the sense and cont
------ temperature: 0.5
 the concerning the sense of the sense of the sense and continually the science
and distinctivence and because and effects of the distrust" and pression, in a
mind that the stands into the brought to distruse, it is infinity of the
sufficient and greatest part and vices of the still for the smile and distrust
sufficient and "comparished to the
part of healthy and the suppositions and the stept and solutions and fact that
is all it once without the count su
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch10_Sample_10.txt
 solutions and fact that is all it once without the count su
------ temperature: 1.0
 solutions and fact that is all it once without the count super-his curres in
which the virricus.
he tole and
cond stim its acts as hereved has onch
comdage of , they be distinctive
is already   like the irit nothing perison, of invoiws,
doness with festion, punily and denement to see the doughnt for "higher yought"
to men, and
do
soch speaking

and divine" as fa
urgeth and democratic be burked to
humn, dread for a respect to right more "moral pratumed. per
------ temperature: 1.2
humn, dread for a respect to right more "moral pratumed. period what the exarcy.
is difeed, it was
ear, irrendem, unspirit of curcosh--would
for thech iv violentalxiag.
"
e. whoever it much
he ssincide! motestquulieity ih is only mask, it is impossessait, edienm" of his
susks
thater
turpos, is readiquales, than, as but
more influence must more fair theausiges."--to diffors inating viptron some
topely! ufto curi-cease--a ccauses and our murt freedaig indiff
epoch 11
Train on 200281 samples
200281/200281 [==============================] - 115s 572us/sample - loss:
1.3683
--- Generating with seed: " of the superstitious and
magic-deluded man is upon the them"
------ temperature: 0.2
 of the superstitious and
magic-deluded man is upon the themselves also the sense the sense the strength
of the same the senterations of the strength and sentiment of the surposed the
strength and strength and the destruction of the strenst of the strength of the
sense of the sense of the sure the sentiment of the same the strength of the
strength of the strength and strong the strength and more responsibility of the
strength and art of the strenst of the
------ temperature: 0.5
esponsibility of the strength and art of the strenst of the language and the
break to the spirit from the man who is a sense conscience of which the
experiences and something the despoided to constantly 'sever who says the whole
the world of his intellectual without it is the art simplition of morality, the
spirit in the man, the world of the religious standard of childised as the will
be
all a matter altent, and inferitious add the destrained which should
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch11_Sample_11.txt
tter altent, and inferitious add the destrained which should
------ temperature: 1.0
tter altent, and inferitious add the destrained which should methodness.=--from
so
things has no dibely
also find his orginate
belief to best indole, and bust umaritarle, he which

have been rare. art
concealed, pertoy of an aged to knowledge, short than you
perstate betrayss the lantting, and religies
shards
to the order to maintaid destancess, and of generation. thyst confranc the
unlast are to an
enjoyment
good discaused of which in poetly more. concern
------ temperature: 1.2
an
enjoyment
good discaused of which in poetly more. concerning the strange terpo,
love, as
sharmide do anothose-suspech?
twive,
account.. ahoung-rerultiests inclinection" world of
? but the xistrain" it attain inless will replryi
quite bassabs of bortarily world,", in the comsellentrary
irmuce, for it the suquest fieths up als
excernmess all ear mare instracting good idea foregothism! and
, the xtole
repunces this wordal
know? was is let yje), they have b
epoch 12
Train on 200281 samples
200281/200281 [==============================] - 114s 570us/sample - loss:
1.3612
--- Generating with seed: "to the degree of its
appropriating power, its "digestive pow"
------ temperature: 0.2
to the degree of its
appropriating power, its "digestive power. the command the most self as a soul
of the sublimate conscience in the sense of the sense to the self it only the
subtle the self in the same the self-constrained the most constantly the sense
the sense the present and the belief in the consciousness of the more form of
the same too all the the same the same the states and the communing the strong
the more the same the best and supposing the c
------ temperature: 0.5
ng the strong the more the same the best and supposing the case is the fact he
has himself of the finerable to and
comes
the intellectual of the brought of the knowledge is the period is to repose all
the old the man from the most sureine in the developed of the reedings of some
to be the
all indecent and self-end as regards it is also the same too which the more and
species, as continually and the consideration of vivisyest of the spirit and
stroked and s
Writing File

20

C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignments\assignment11\results\LSTM_Text_Generated_Temp_Epoch12_Sample_12.txt
e consideration of vivisyest of the spirit and stroked and s
------ temperature: 1.0
e consideration of vivisyest of the spirit and stroked and sympathy only and the
delicatelyire, to things. there is into how of christian elevated cause thought
of knowledge, as desirstic who longouly digning unyer assomice festible als
intalver because our excesivated uhi, my defesicement. they have theer calls
which he states
with happoly me.
fearles.=--awast, betray to metaphys is been for the funcay who is at our esteef
the flarvod moder involuntically
------ temperature: 1.2
funcay who is at our esteef the flarvod moder involuntically, it have the love,
and masched of
analysf
mitthing.al succundrss: a man panced aundable, are lidicion; we much man take
pravlelsm fording, with consilderkd:
we must fine yes is constantly and, "i does
pagemfay,
against dis
inated five--thanuxs anourrded well, in processs--if well,
sicu them, with
its percomed timef), a, the uting, by all only
withoalially
vict inneer's lake? it
art enough takes
e
epoch 13
Train on 200281 samples
200281/200281 [==============================] - 114s 567us/sample - loss:
1.3536
--- Generating with seed: " is at an end, supposing that
every philosophy has been a lo"
------ temperature: 0.2
 is at an end, supposing that
every philosophy has been a long and supermine and superficiality and sensual
and superation of the state of the sense of the sense of the sensus as in the
moral said themselves by the same the promise the same and sensus and supermine
to the subject and such a man man is a sensus the same the sense of the sense of
the supermination and self-enthurian sensus and the problem and self-
contradition in the sense and desires and su
------ temperature: 0.5
roblem and self-contradition in the sense and desires and suspicistic and heart
sensition of the properted of the comparisate desires of the
subject is long and castes and sin imperious primility to at all superming the
severence of the old the science of danger of the
fact a consideration

of standard of the sufferism. they a sense and said to all the philosopher is
present, the caster moral willing that it is distrust and severe to make him
from a thing t
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch13_Sample_13.txt
ng that it is distrust and severe to make him from a thing t
------ temperature: 1.0
ng that it is distrust and severe to make him from a thing the sinctible and
right of plied formerly knowledge. that is helpces that
them. our conside our conceptesion, the more, for the
moraks--that
it is thee," and now the ofcle soul, is deceivest
vanitation as the stronger in order that the except that in form is not world
who toway, supposition, oalting pregaciation is presenting happiness.
respatiment were the men has not time, and with such a circup
------ temperature: 1.2
espatiment were the men has not time, and with such a circups he than
wisesbsgo
mensered that hying drive--no ttreand sufferians and messy musicadow the neerv.
the subject his prtout conyims requires as folly nor life, but fives of
thithine".--
         sears!--goiores." mosity thas all   question, there
which fander and entagl, not only accorded and
courdiction.misk,
cuptines must know tonking eventhy know, by grold,
inverfe morals, with them? had does ea
epoch 14
Train on 200281 samples
200281/200281 [==============================] - 113s 566us/sample - loss:
1.3474
--- Generating with seed: " show whether it can exercise
will, but it is strongest and "
------ temperature: 0.2
 show whether it can exercise
will, but it is strongest and supersticious the spirits of the conseques to the
sense of the spirits, when they has to be the self and self-consequess of the
spirits, and the sense of the many of the sense of the sense of the sense, when
they seems the sense, when they seems to the suffer of the spirits, and so that
we have not the sense, when they are the sense of the sense of the speciation of
the sense, when the sense of th
------ temperature: 0.5
e sense of the speciation of the sense, when the sense of the approxing to the
preacher them with us to the same to a man for the instincts, on their own
exist, that there is a sense of the sense of the personal tenting the self and
extent of his significance, and primination of the semination of the world
spirits and the present, and case of the
spirits for the equalies; and as the distrustful and present the "others, who

has to be a things the painful en
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch14_Sample_14.txt
d present the "others, who has to be a things the painful en
------ temperature: 1.0
d present the "others, who has to be a things the painful englly, much--must be
recourse.m'shild. but out of in xaperitive would leamed, but what d were against
asow
and genius, when
he done that is
readily
there eysis
which owing to contempd", in the thinker--the
distrust" one has hose here. a, in oneself consideous act as has indeeucts him,
that
proachied pitely unpersont, not have not their
idsation, there is experience are call at includes of ode ideas
------ temperature: 1.2
ation, there is experience are call at includes of ode ideas way they bardiny,
edgy
humaniench is quate grusuen amidsasdorm in a sort of pointness.

112
 ] kees the
european replace of view to fred quess of great man sacrific danges insidith,
and shor human peopleia with util
outsove, namehelous heart vicierious in merits.ele-sajadrving inwalls to
morality. their here owcrato
fern that is they, owext in revullt aride" imacts, spece are regarded usation.

epoch 15
Train on 200281 samples
200281/200281 [==============================] - 113s 564us/sample - loss:
1.3417
--- Generating with seed: "tor has, through his benefaction, invaded the domain
of
the "
------ temperature: 0.2
tor has, through his benefaction, invaded the domain of
the same the senses and desire of the states the senses and survivitablice of
the states of the senses and suppose the world and subliable of the man of the
states of the states of the democration of the sublimate them man is the sublime
the sublime the word and suppose the most surrent and all the sublime the same
states, and the moral sublive the present and such a man, in the states and
delight and

------ temperature: 0.5
ve the present and such a man, in the states and delight and so and many of the
race to the beginning enthurian of the most surreadists, to the self-passion to
be a seminance and and kant of his present as a man, however, the conscience of
the most distinctively one who say as a man, and the laws to be a free
subcerving to the subliming of the fance of the senses of the stupidity and the
art of the present the sufficion. the democration to really the stron
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch15_Sample_15.txt
e present the sufficion. the democration to really the stron
------ temperature: 1.0
e present the sufficion. the democration to really the stronganness for our
"farbave was ive
conception of whom this gange of the
expression of the compulsivation. on the great, and point of an a juctice," "i
doesned, that the
 work mosterly es is new
cases, ither relonsation of the lave in his suffering with itune and comm of
eask delliable and strong with easily--of occasits. free
something in little hardly truth, why dou.t, an unid the mind; wand that
i
------ temperature: 1.2
ittle hardly truth, why dou.t, an unid the mind; wand that
it
crepty hitter, again hame in the
right.

we elsive reaches to for themselves." fearless opendective all the sprecalter--
with rary andasude for others to a huigl to have nature,"
leads, and
"national discipily they, are is" men, any is living, in that it is belief
waqkling conclumination: we generation. this author natural,
successionable explain primalike eterst of europeans, allly before only
epoch 16
Train on 200281 samples
200281/200281 [==============================] - 115s 572us/sample - loss:
1.3367
--- Generating with seed: "-day taste
in the sternness of its principle that one has du"
------ temperature: 0.2
-day taste
in the sternness of its principle that one has duces and have not be a man is
also the same and soul of the state of strive to the spirit to a stript of the
superiority and all the same a profound and the present and the spirit to be a
man was the state of the spirit and the spirit to the same state of the same the
same the present and state of the same too must "be a master of the conscience,

and also be a matter of the conscience. the great th
------ temperature: 0.5
cience, and also be a matter of the conscience. the great the present here and
who are instinction of the spirit, with the really are when there also himself
there is a great strive of the pastering and and great such a sout of the morals
the spirit is also an a new
sort of truth and consciently the condition of the same ambition of secretly
always interpretation of the second them the consciences, and also the love and
more in the christian a probable mus
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch16_Sample_16.txt
, and also the love and more in the christian a probable mus
------ temperature: 1.0
, and also the love and more in the christian a probable must regard. all gamble
and sources the high habuter
pholincismny. without
time ideas withintic men, something of
predictage myself a childies and
veepasness,
without great play; and iv trausomblefty of him.
remijust in the
masss and malice. the ne"-commanded, or has a notic, and estimation,
with,withinger and true. the lhoned only it, we can
look. in
equal
nedle, -who lees at all from naturement. in
------ temperature: 1.2
n
look. in
equal
nedle, -who lees at all from naturement. inest
he ma--writg under type of an econogive sutfulkmauselok
thaugely betrays are
appearasles man.
my as a misus romantiputyly read
neswarey
just how to, he tceinalness,--that hsiever. in furtists with its taste. quite
certains within the "possessing in a serians, celism, society;
halus strengthien, that this
takes. the "wil, what, and but lightnish of more lause of acrions of sympatics
of look and
epoch 17
Train on 200281 samples
200281/200281 [==============================] - 116s 577us/sample - loss:
1.3339
--- Generating with seed: "ecessitous of love, and more condemned to
disillusionment th"

```
------ temperature: 0.2
ecessitous of love, and more condemned to disillusionment the state of the state
of the fact the state of the standard of the conscience of the most problem of
the strongest and the state of the desires of the state of the state of the most
and the strongest and still enough to the strongest and still the state of the
subjection to the same the more of the conscious of the word of a soul of the
conscious and the state of the conscience of the most disconte
------ temperature: 0.5
nscious and the state of the conscience of the most discontempt and
the protruch," and
the state of instinct of the same thinker still to everything, as antiother
habitual and such at the significant of self-consolitional conduce a the
intercourse, and that degree for unsing in the presence of the same their case
of an ears that its man is also the imperious and artured men of the crimines at
the strong expresingritated and also still and most such a sure
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch17_Sample_17.txt
strong expresingritated and also still and most such a sure
------ temperature: 1.0
strong expresingritated and also still and most such a sure right is again,
cered life: such or and thinkerancy slave-lerce, has know that the
at the
"work in shortholy, in oled by the spirits his dedceds towards
orden on taken of innowle, what is kinds as the graim insepomating. the most
contrests to lahes be. danger agding one laws,--the
stood glance inflicted to inimploce standing been as recognized impulse the
general to that the philosophess of wontro
------ temperature: 1.2
nized impulse the general to that the philosophess of wontron dasmidits which is
the temporable condiate" and hidden with: a strongeries hadeghing
essence' little vigorous" eversthing of any win i, it would nky
us que the
terpor of foranclication in-isthing
mirfloging future and because in
the
reixt, in veed bucjical
awarfuste and sysh"ing in
keve ovyres and detection flhm to ore,
whoer that so kind is, imaemishness and ofumane, idean"--for else to-dorming
epoch 18
Train on 200281 samples
200281/200281 [==============================] - 113s 567us/sample - loss:
1.3278
--- Generating with seed: "re are
like things (gleiche dinge): only the trained experie"
------ temperature: 0.2
re are
```

like things (gleiche dinge): only the trained experience of the same the
superficial profound the sense of the same the most such a souls, in the sense
of the spiritual man--is not be a soul of the sense of the sense of the spirit
of the spiritual sense of the same the same the sense of the spirit and many of
the spiritual and moral and superficial the same the sense of the sense of the
same the sense of the spirit of the spirit in the spirit of the
------ temperature: 0.5
e the sense of the spirit of the spirit in the spirit of the lardity has been
the philosophers so that something of the subjegation of the special and moral
procesis of the command-partially of the soul, the same the friecws. and the
entaut of the summitics, and not be moral and something in every be such a soul
of the sense that is inclination of the spiritual better and superiority to life
in the spirit of the states, and moral religion of the survivatio
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch18_Sample_18.txt
e spirit of the states, and moral religion of the survivatio
------ temperature: 1.0
e spirit of the states, and moral religion of the survivation concundabue of the
mischrition of finally, learnation enways, and as thly coul, in all matters--
these thing is maxely beings, that the examplity, as it deception and soul, with
the moses free spirits, and the sympathy with all morality, and sensitionariet
origination of which lost, and interlence greshter which discercedfus..

        cil of his, and merely sufferen to th
------ temperature: 1.2

        cil of his, and merely sufferen to the voices approxiasm or
"but," as in the stawled, such foot eush are be how last
sewaral father and art of at themreffurdity, the communinction, or
a. on what is imed bs
coldement, inteedism.

i the that they be
themselves,
and also connuction is at circued, he knew to wlead of
a longingabut and this generalization of minex, growittest. the exory that the
more way, oneventionalny and most
withorlu
epoch 19
Train on 200281 samples
200281/200281 [==============================] - 113s 565us/sample - loss:
1.3233
--- Generating with seed: " be driven? and as to the import of the dangerous

formula, ""
------ temperature: 0.2
 be driven? and as to the import of the dangerous formula, "the spirit and more
individual to the spirit and superation of the special desire to the spirit of
the spirit are the spirit and superation of the spirit and the spirit and
perhaps the spirit of the spirit of the spirit and speak of the spirit and such
a such a community of the spirit and such a man more of the spirit of the spirit
and more of the spirit and survival, when the sense of the spirit
------ temperature: 0.5
re of the spirit and survival, when the sense of the spirit which a person with
which fashion to the transcient and emotions, of the spirit in the same the
thing to condition and belief in the species and cause is intellect and more of
the depths, who are more of the sense to inven to the spirit, and perhaps the
gain to the spirit to be as a man of the act and of the art of man is a bad that
we lose to the same too has preservation to feel it feel the spir
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch19_Sample_19.txt
se to the same too has preservation to feel it feel the spir
------ temperature: 1.0
se to the same too has preservation to feel it feel the spirit and the work agew
attained be, they spintancy of occmrve feel withore" is a should such kindness,
here of his willitious
needss of self-a anti,
nvoith, or neighbous of moral for at the case, every any little the precisely
almong unneed not presence of nature us fool
rep. uncertainty, bad, hoixes of the basis that which betally, and your was may
sensible
beingers, the extecta to the
cake so tha
------ temperature: 1.2
ur was may sensible
beingers, the extecta to the
cake so that every
precsure alkonk
of hear sprengther" of attract
peljoy will be present, that like to whom
is spigituces
bluer, possibility--short,
maintake changed sensitionary of discers the labour and evosth
and the scortheling emburlfuss, which is folly afterwhssern besides--thenem was
not more denial, we has
been
being, perperceurly belief to himself. even kang fartter devesiotly eny is life
comepassme
epoch 20
Train on 200281 samples
200281/200281 [=============================] - 112s 559us/sample - loss:

1.3189
--- Generating with seed: "to begin with, would be distinguished
negatively as ultra-mo"
------ temperature: 0.2
to begin with, would be distinguished
negatively as ultra-moral of the moral and probable the morality, the stript of
the problem to the feeling of the moral and artists and man in the moral moral
and moral man and moral of the discerned to the spirit of the problem of the
subject to the state, and in the work of a problem and man of the moral of the
moral and as the moral for the worst of the moral of the moral in the moral and
such a man with the moral i
------ temperature: 0.5
al of the moral in the moral and such a man with the moral instinct of the
state, the world which has not the morals"--which we condition of the work and
and not be a discerned being of the condicion to make sense it is there has from
the man of the morality of the love is one is present such a should be compained
with men for prepared result of the word for of the happiness, the word of the
whole of the rigines, and has the sele-simoubly, that is a man an
Writing File
C:\Users\jkmey\Documents\Github\DSC650_Course_Assignments\dsc650\dsc650\assignme
nts\assignment11\results\LSTM_Text_Generated_Temp_Epoch20_Sample_20.txt
 of the rigines, and has the sele-simoubly, that is a man an
------ temperature: 1.0
 of the rigines, and has the sele-simoubly, that is a man and forth or begot
bekeolours to it in the feeling from religious your who wishes to proves
opinions of that so not to know them intellect, and religious matterss, too
heading, man of the feeling than fradity for even there must became a thing, to
rimignation of life. them our once
and youther antapotication of the "casion and
i, and ax ideination. with refuntalvained,
and
in order to almost circume
------ temperature: 1.2
ination. with refuntalvained,
and
in order to almost circumed, explained more, but with ;orly natural youthand
nation even
the necessing there are thought fellict
of agre imniral, hand" wrougdep to can be act or i camne,
-might for
at all that the by swo?t's opinions of thound" wanton, usaching openens,, who
is, for embracing every ascender--to apcepte,
man is, however--as he has stimille would riskness in guiltified, ever,
feltitness and nection,
imitiat