

### **Example 1: Simple test**

I provided my model with the a short poem, shown below:

```
This is some sample text.  
This is actually not a sample of text.  
This is the beginning of something new.  
This is the beginning of a beautiful friendship.  
This is water.  
This is the echo of past whispers, transforming the mundane into magic.  
This is the dance of the written word, twirling between realms of reality and  
realms of fantasy.  
This is the canvas of imagination, where every hue of thought is painted in  
bold strokes.  
This is the journey of discovery, where each step unveils a hidden treasure of  
insight.  
This is the symphony of ideas, where each note resonates with the harmony of  
understanding.  
This is the bridge between souls, where words serve as the stones connecting  
distant hearts.  
This is water, and much more, shaping the world with its flow, endlessly  
renewing, forever changing.
```

Given this, the model produced the following text, with the k-value set to 5 and the textLength set to 1000:

```
is water, and much more, shaping the world with its flow, endlessly renewing,  
forever changing.  
This is the canvas of ideas, where words serve as the stones connecting distant  
hearts.  
This is the mundane into magic.  
This is the symphony of understanding.  
f ideas, where world with its flow, endlessly renewing, forever changing.  
This is water, and much more, shaping the words serve as the canvas of  
imagination, where each note resonates with its flow, endlessly renewing,  
forever changing.  
This is the harmony of understanding.  
This is the journey of imagination, where every hue of thought is painted in  
bold strokes.  
This is the words serve as the mundane into magic.  
This is the bridge between souls, where word, twirling between souls, where  
each note resonates with its flow, endlessly renewing, forever changing.  
This is water.  
This is the stones connecting distant hearts.  
This is the beginning of a beautiful friendship.  
This is water.  
This is the journey of understanding.  
This is the
```

## **EXAMPLE 2: Cover letter**

I provided the model with one of my anonymized cover letters, and it produced the following text, with the parameters set to  $k=25$  and  $\text{textLength}=1000$ :

```
I am writing to express my strong interest in the Data Science Analyst
position at your company. With a proven track record in problem-solving and
Data Analysis, effective communication and interpersonal skills, and a passion
for continual growth, I am excited about the opportunity to contribute to your
Data Analytics team at your company. I welcome the chance to discuss how my
skills and experiences align with your company's needs in more detail. Please
feel free to contact me at your convenience to schedule an interview.
Sincerely,
Signed Name
g Big data Analytics, AI development and alignment, and a wide variety of
machine learning techniques. My academic journey has been marked by a
cumulative GPA of 4.000 , reflecting my dedication to excellence in my studies.
I have taken various upper-level programming courses that have led me to be
fluent in Python, Java, and R, while also encouraging me to develop
out-of-the-box solutions to complex problems.
My
```

The K value needed to be set pretty high for the model to produce anything meaningful from this example, which is to be expected in this context.

## **EXAMPLE 3: Shakespeare poem**

I provided the model with the following poem by Shakespeare:

*COME away, come away, death,  
And in sad cypres let me be laid;  
Fly away, fly away, breath;  
I am slain by a fair cruel maid.  
My shroud of white, stuck all with yew,  
O prepare it!  
My part of death, no one so true  
Did share it.*

*Not a flower, not a flower sweet,  
On my black coffin let there be strown;  
Not a friend, not a friend greet*

*My poor corse, where my bones shall be thrown:  
A thousand thousand sighs to save,  
Lay me, O, where  
Sad true lover never find my grave  
To weep there!*

And it outputted the following text, with the k= 2 and textLength=1000.

```
OME a find my grave
  To weep there!
My be lovere save, where
Sad corse, sighs ther flown:
A true it.
Not away so onever nes sad it!
all be love
  To weep there!
My graver find my a faid save
Sad slack corse, wer flown:
A true sighs th, corse, neve,
  Lay a fly blain laid.
Not a friend gre it.
Not a flown:
A th yew,
    O, death;
Not trowere let
  Did;
Not mair crue
  And ther so sand stroweepare be am shrousave, wit.
My all with yew,
  On shares struel whereet,
  Lay, death,
  My bonever not away poor come, be laid;
    O, not am stuck am shall my be sweet to one sweet me by be in stuck away,
not all by away, no shrower sad greet,
  My a friend, fly poor not offin bones slaid come ite,
  Did share!
My pre there mair cruel my me my a friend shall wher, O pare lack cof death, no
of deather cypreathousand come, white, crue a flower, friend in me breath yew,
  And, wher, cyprep thousand offind thoud to sighs let away, no whit!
e!
My grave
  To weep therepare love, whe
```

This is pretty amazing! With a very low K-value, the model was still able to produce a relatively coherent, original poem.

This can be replicated using any text; for example, you could provide the model with lyrics from your favorite artist, poems from your favorite poet, etc., and it will be able to produce its own unique spin on the content you give it!

Hope you enjoyed looking through this, thank you for your interest!