

▼ Train a GPT-2 Text-Generating Model w/ GPU For Free

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Retrain an advanced text generating neural network on any text dataset **for free on a GPU** using `gpt-2-simple`.

For more about `gpt-2-simple`, you can visit [this GitHub repository](#). You can also read my [notebook](#)!

To get started:

1. Copy this notebook to your Google Drive to keep it and save your changes. (File -> Save a Copy in Drive)
2. Make sure you're running the notebook in Google Chrome.
3. Run the cells below:

```
%tensorflow_version 1.x
!pip install -q gpt-2-simple
import gpt_2_simple as gpt2
from datetime import datetime
from google.colab import files
```

```
↳ Building wheel for gpt-2-simple (setup.py) ... done
```

```
WARNING:tensorflow:
```

```
The TensorFlow contrib module will not be included in TensorFlow 2.0.
```

```
see:
```

Saved successfully!

<https://github.com/tensorflow/tensorflow/blob/master/rfcs/20180907-contrib.md>

* <https://github.com/tensorflow/addons>

* <https://github.com/tensorflow/io> (for I/O related ops)

If you depend on functionality not listed there, please file an issue.

▼ GPU

Colaboratory uses either a Nvidia T4 GPU or an Nvidia K80 GPU. The T4 is slightly faster than the K80, but has more memory allowing you to train the larger GPT-2 models and generate more text.

You can verify which GPU is active by running the cell below.

```
!nvidia-smi
```

Saved successfully!

