

The background is a screenshot from the classic video game Doom. It shows the iconic title "DOOM" in large, 3D, metallic letters with a yellow and orange gradient, set against a dark, stone-like background. The player's perspective is from the center of a checkered floor, looking down a corridor. A small, pixelated character is visible in the distance. The player's health (100) and ammunition (12) are shown in the bottom left and right corners, respectively. A red number "1" is in the top right corner.

# Training ViZDoom on Colab

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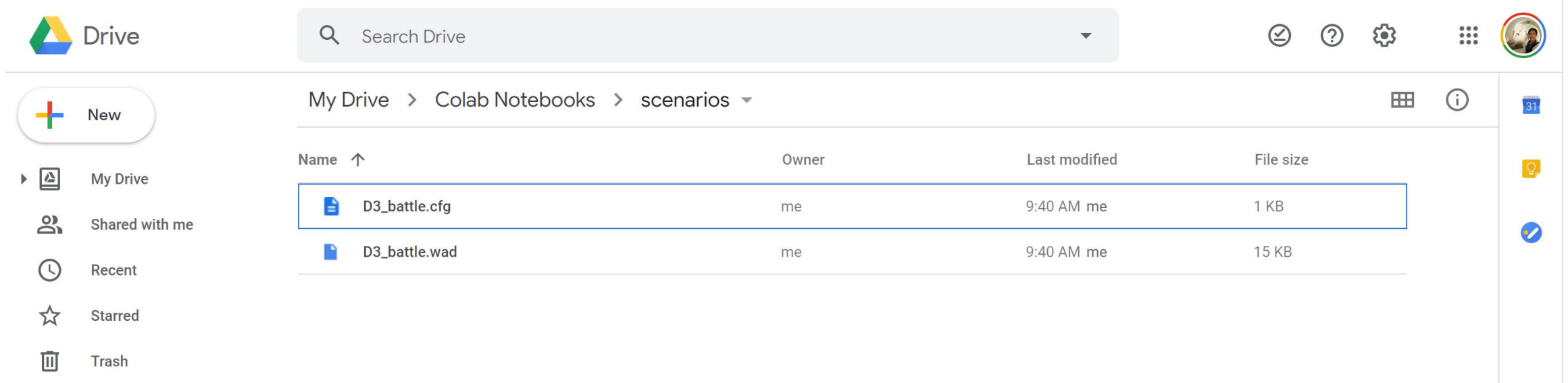
2019/12/8

# Example VizDoom Training Notebook

- Open the example notebook (Read-only):
  - <https://colab.research.google.com/drive/1o9Yb5c8TQh9B7Wit7stLM1MJQ2gqUuKI>
- Save a copy to your own account

# Upload Training Map

- Download data from our Kaggle homework page
- “D3\_battle.cfg” and “D3\_battle.wad” to your Google Drive @ “Colab Notebooks/scenarios”

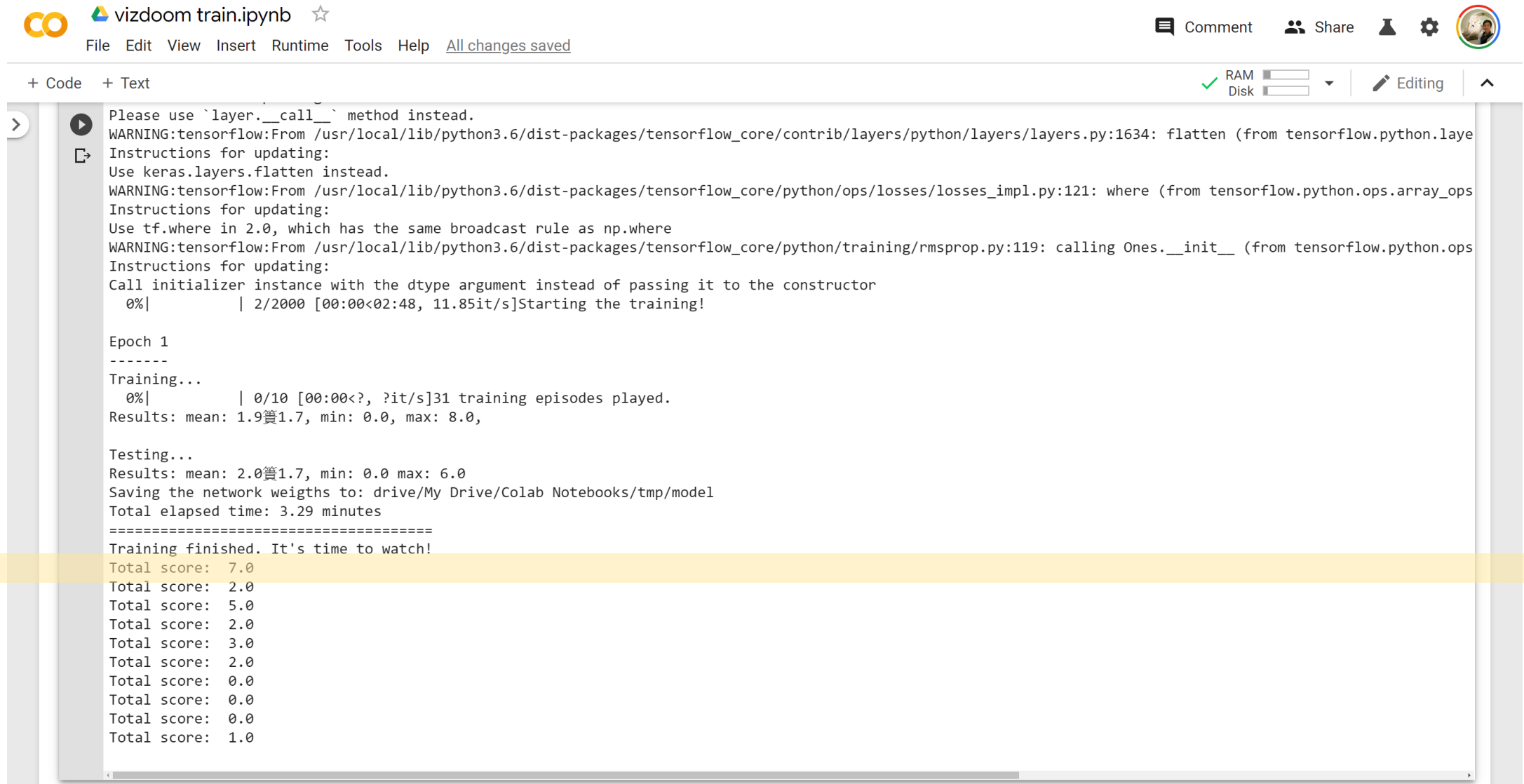


The screenshot displays the Google Drive web interface. On the left sidebar, the 'New' button is visible, along with navigation links for 'My Drive', 'Shared with me', 'Recent', 'Starred', and 'Trash'. The main content area shows the breadcrumb path 'My Drive > Colab Notebooks > scenarios'. Below this, a table lists the files in the 'scenarios' folder:

Name	Owner	Last modified	File size
D3_battle.cfg	me	9:40 AM me	1 KB
D3_battle.wad	me	9:40 AM me	15 KB

The right sidebar contains icons for Google Calendar, Google Assistant, and a user profile picture.

# Run & Submit Your Best Score to Kaggle



co vizdoom train.ipynb ☆

File Edit View Insert Runtime Tools Help [All changes saved](#)

+ Code + Text

✓ RAM  Disk  Editing ^

```
Please use `layer.__call__` method instead.
WARNING:tensorflow:From /usr/local/lib/python3.6/dist-packages/tensorflow_core/contrib/layers/python/layers/layers.py:1634: flatten (from tensorflow.python.laye
Instructions for updating:
Use keras.layers.flatten instead.
WARNING:tensorflow:From /usr/local/lib/python3.6/dist-packages/tensorflow_core/python/ops/losses/losses_impl.py:121: where (from tensorflow.python.ops.array_ops
Instructions for updating:
Use tf.where in 2.0, which has the same broadcast rule as np.where
WARNING:tensorflow:From /usr/local/lib/python3.6/dist-packages/tensorflow_core/python/training/rmsprop.py:119: calling Ones.__init__ (from tensorflow.python.ops
Instructions for updating:
Call initializer instance with the dtype argument instead of passing it to the constructor
0%|          | 2/2000 [00:00<02:48, 11.85it/s]Starting the training!

Epoch 1
-----
Training...
0%|          | 0/10 [00:00<?, ?it/s]31 training episodes played.
Results: mean: 1.9 贊1.7, min: 0.0, max: 8.0,

Testing...
Results: mean: 2.0 贊1.7, min: 0.0 max: 6.0
Saving the network weights to: drive/My Drive/Colab Notebooks/tmp/model
Total elapsed time: 3.29 minutes
=====
Training finished. It's time to watch!
Total score: 7.0
Total score: 2.0
Total score: 5.0
Total score: 2.0
Total score: 3.0
Total score: 2.0
Total score: 0.0
Total score: 0.0
Total score: 0.0
Total score: 0.0
Total score: 1.0
```

# Questions

Feel free to ask me any questions if you're stuck.

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