UDACITY

‹ Return to "Deep Learning" in the classroom

DISCUSS ON STUDENT HUB

Generate Faces

REVIEW

CODE REVIEW

HISTORY

Meets Specifications

Greetings Student,
One of the best submission of this month. Congratulations. You should be proud of yourself. You are among the brilliant students in the class. I wish you to continue working in this way and your career will be brilliant as your job.

- 3D Faces Generated From 2D Photos, Machines Learning to Hand-Write & More;
- Generating Faces with Deep Convolutional GANs;
- Making your own Face Recognition System;
- Face Recognition – OpenCV Python | Dataset Generator.

Required Files and Tests

The project submission contains the project notebook, called "dlnd_face_generation.ipynb".

The `dlnd_face_generation.ipynb` file is contained in the project submission. Nice work!

All the unit tests in project have passed.

Perfect work! All unit tests are good.

Build the Neural Network

The function model_inputs is implemented correctly.

The function model_inputs is well implemented.

The function discriminator is implemented correctly.

The function generator is implemented correctly.

Well done with the function generator.

The function model_loss is implemented correctly.

The function model_loss is implemented correctly. NIcely done!

The function model_opt is implemented correctly.

The function model_optis well implemented.

Neural Network Training

The function train is implemented correctly.

- It should build the model using `model_inputs`, `model_loss`, and `model_opt`.
- It should show output of the `generator` using the `show_generator_output` function

The function train is implemented perfectly. Your implementation is optimal, bravo!

The parameters are set reasonable numbers.

Good initialization here👍

The project generates realistic faces. It should be obvious that images generated look like faces.

The project generates realistic faces. Your work is excellent!

DOWNLOAD PROJECT

RETURN TO PATH