UDACITY

PROJECT

Generate Faces

A part of the Deep Learning Nanodegree Foundation Program

PROJECT REVIEW

CODE REVIEW

NOTES

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Meets Specifications

Congrats on completion of final project of this course :claps:

Required Files and Tests

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

Yes, this file exis

All the unit tests in project have passed.

All the unit tests are passing out of the box.

Build the Neural Network

The function model_inputs is implemented correctly.

Tensors in this function are of correct dimensions.

The function discriminator is implemented correctly.

Kernel size is 5 in all layers 👍
Batchnormalization is perfect 👍

The function generator is implemented correctly.

Generator too is implemented quite well

The function model_loss is implemented correctly.

Calculations in this function are all good.

The function model_opt is implemented correctly.

Model optimizer is implemented well.

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**

Train method is implemented well, logging is perfect. Batch images normalization correct and random number generator too is correct.

The parameters are set reasonable numbers.

You are using perfect combination of parameters.

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

The output faces are quite realistic.

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