

tf.contrib.gan.ACGANModel

Contents

Class ACGANModel

Properties

discriminator_fn

discriminator_gen_classification_logits

Class **ACGANModel**Defined in [tensorflow/contrib/gan/python/namedtuples.py](#).

An ACGANModel contains all the pieces needed for ACGAN training.

See <https://arxiv.org/abs/1610.09585> for more details.

Args:

- `one_hot_labels`: A Tensor holding one-hot-labels for the batch.
- `discriminator_real_classification_logits`: Classification logits for real data.
- `discriminator_gen_classification_logits`: Classification logits for generated data.

Properties

discriminator_fn

Alias for field number 10

discriminator_gen_classification_logits

Alias for field number 13

discriminator_gen_outputs

Alias for field number 7

discriminator_real_classification_logits

Alias for field number 12

discriminator_real_outputs

Alias for field number 6

discriminator_scope

Alias for field number 9

discriminator_variables

Alias for field number 8

generated_data

Alias for field number 1

generator_fn

Alias for field number 4

generator_inputs

Alias for field number 0

generator_scope

Alias for field number 3

generator_variables

Alias for field number 2

one_hot_labels

Alias for field number 11

real_data

Alias for field number 5

Methods

__new__

```
__new__(
    _cls,
    generator_inputs,
    generated_data,
    generator_variables,
    generator_scope,
    generator_fn,
    real_data,
    discriminator_real_outputs,
    discriminator_gen_outputs,
    discriminator_variables,
    discriminator_scope,
    discriminator_fn,
    one_hot_labels,
    discriminator_real_classification_logits,
    discriminator_gen_classification_logits
)
```

Create new instance of ACGANModel(generator_inputs, generated_data, generator_variables, generator_scope, generator_fn, real_data, discriminator_real_outputs, discriminator_gen_outputs, discriminator_variables, discriminator_scope, discriminator_fn, one_hot_labels, discriminator_real_classification_logits, discriminator_gen_classification_logits)

Except as otherwise noted, the content of this page is licensed under the [Creative Commons Attribution 3.0 License](#), and code samples are licensed under the [Apache 2.0 License](#). For details, see our [Site Policies](#). Java is a registered trademark of Oracle and/or its affiliates.

Last updated November 2, 2017.

Stay Connected

[Blog](#)

[GitHub](#)

[Twitter](#)

Support

[Issue Tracker](#)

[Release Notes](#)

[Stack Overflow](#)

English

[Terms](#) | [Privacy](#)