TensorFlow   API r1.4

Module: tf.contrib.bayesflow

> **Contents**
> This package provides classes for Bayesian computation with TensorFlow.
> Modules

Defined in `tensorflow/contrib/bayesflow/__init__.py` .

Ops for representing Bayesian computation.

This package provides classes for Bayesian computation with TensorFlow.

Modules

`csiszar_divergence` module: Csiszar f-Divergence and helpers.

`custom_grad` module: Functions for specifying custom gradients.

`entropy` module: Support for Entropy Ops. See ${python/contrib.bayesflow.entropy}.

`hmc` module: Hamiltonian Monte Carlo, a gradient-based MCMC algorithm.

`metropolis_hastings` module: Functions to create a Markov Chain Monte Carlo Metropolis step.

`monte_carlo` module: Monte Carlo integration and helpers.

`stochastic_gradient_estimators` module: Stochastic gradient estimators.

`stochastic_graph` module: Support for Stochastic Computation Graphs.

`stochastic_tensor` module: Support for creating Stochastic Tensors.

`stochastic_variables` module: Custom `get_variable` for stochastic variables.

`variational_inference` module: Variational inference.

Last updated November 2, 2017.

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