This repository Pull requests Issues Gist tensorflow / tensorflow **Ÿ** Fork Watch ▼ 4,848 25,213 **★** Star 53,402 Pull requests 66 Projects 0 ll Graphs <> Code (!) Issues **937** ♣ Pulse tensorflow / tensorflow / examples / learn / **Upload files** Find file Branch: master ▼ Create new file History martinwicke committed with tensorflower-gardener Fix lint issues after pull. Latest commit f2574c2 15 days ago **BUILD** Remove reference to deleted test. 2 months ago README.md Merge changes from github. 16 days ago boston.py Fix lint issues after pull. 15 days ago examples test.sh Move the last skflow examples into learn examples. Remove skflow exam... 5 months ago hdf5 classification.py Remove so many more hourglass imports 3 months ago iris.py Merge changes from github. 16 days ago iris custom decay dnn.py Migrating skflow examples to the tensorflow/examples/learn directory.... 6 months ago iris custom model.py Merge changes from github. 2 months ago iris run config.py Migrating skflow examples to the tensorflow/examples/learn directory.... 6 months ago iris_val_based_early_stopping.py Remove so many more hourglass imports 3 months ago iris with pipeline.py Remove so many more hourglass imports 3 months ago mnist.py Merge changes from github. a month ago multiple gpu.py Merge changes from github. 2 months ago

random_forest_mnist.py	Refactor TensorForestEstimator to inherit from tf.learn Estimator. Th	a month ago
resnet.py	Merge changes from github.	28 days ago
text_classification.py	Merge changes from github.	16 days ago
text_classification_character_cnn.py	Merge changes from github.	2 months ago
text_classification_character_rnn.py	Remove so many more hourglass imports	3 months ago
text_classification_cnn.py	Remove so many more hourglass imports	3 months ago
wide_n_deep_tutorial.py	Fix global_step double-counting bug in some tutorials.	25 days ago

EE README.md

TF Learn Examples

Learn is a high-level API for TensorFlow that allows you to create, train, and use deep learning models easily. See the Quickstart tutorial for an introduction to the API.

To run most of these examples, you need to install the scikit learn library (sudo pip install sklearn). Some examples use the pandas library for data processing (sudo pip install pandas).

Basics

- Deep Neural Network Regression with Boston Data
- Deep Neural Network Classification with Iris Data
- Building a Custom Model
- Building a Model Using Different GPU Configurations

Techniques

- Improving Performance Using Early Stopping with Iris Data
- Using skflow with Pipeline
- Deep Neural Network with Customized Decay Function

Specialized Models

- Building a Random Forest Model
- Building a Wide & Deep Model
- · Building a Residual Network Model

Text classification

- Text Classification Using Recurrent Neural Networks on Words
- Text Classification Using Convolutional Neural Networks on Words
- Text Classification Using Recurrent Neural Networks on Characters
- Text Classification Using Convolutional Neural Networks on Characters

