

Module: tf.contrib.timeseries

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

A time series library in TensorFlow (TFTS).

Modules

`saved_model_utils` module: Convenience functions for working with time series saved_models.

Classes

`class ARModel` : Auto-regressive model, both linear and non-linear.

`class ARRegressor` : An Estimator for an (optionally non-linear) autoregressive model.

`class CSVReader` : Reads from a collection of CSV-formatted files.

`class FilteringResults` : Keys returned from evaluation/filtering.

`class NumpyReader` : A time series parser for feeding Numpy arrays to a `TimeSeriesInputFn`.

`class RandomWindowInputFn` : Wraps a `TimeSeriesReader` to create random batches of windows.

`class StructuralEnsembleRegressor` : An Estimator for structural time series models.

`class TrainEvalFeatures` : Feature names used during training and evaluation.

`class WholeDatasetInputFn` : Supports passing a full time series to a model for evaluation/inference.

Functions

`predict_continuation_input_fn(...)` : An Estimator input_fn for running predict() after evaluate().

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