tf.contrib.timeseries.WholeDatasetInputFn

Class `WholeDatasetInputFn`

Defined in `tensorflow/contrib/timeseries/python/timeseries/input_pipeline.py`.

Supports passing a full time series to a model for evaluation/inference.

Note that this `TimeSeriesInputFn` is not designed for high throughput, and should not be used for training. It allows for sequential evaluation on a full dataset (with sequential in-sample predictions), which then feeds naturally into `predict_continuation_input_fn` for making out-of-sample predictions. While this is useful for plotting and interactive use, `RandomWindowInputFn` is better suited to training and quantitative evaluation.

Methods

`__init__`

```
__init__(time_series_reader)
```

Initialize the `TimeSeriesInputFn`.

Args:

- `time_series_reader`: A TimeSeriesReader object.

`__call__`

```
__call__()
```

`create_batch`

```
create_batch()
```

A suitable `input_fn` for an `Estimator`'s `evaluate()`.

Returns:

A dictionary mapping feature names to `Tensors`, each shape prefixed by [1, data set size] (i.e. a batch size of 1).

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