tf.contrib.learn.SKCompat

Class **SKCompat**

Defined in `tensorflow/contrib/learn/python/learn/estimators/estimator.py` .

Scikit learn wrapper for TensorFlow Learn Estimator.

Methods

`__init__`

```
__init__(estimator)
```

`fit`

```
fit(
    x,
    y,
    batch_size=128,
    steps=None,
    max_steps=None,
    monitors=None
)
```

`get_params`

```
get_params(deep=True)
```

Get parameters for this estimator.

Args:

- `deep` : boolean, optional

  If `True` , will return the parameters for this estimator and contained subobjects that are estimators.

Returns:

- `params` : mapping of string to any Parameter names mapped to their values.

predict

```
predict(
    x,
    batch_size=128,
    outputs=None
)
```

score

```
score(
    x,
    y,
    batch_size=128,
    steps=None,
    metrics=None,
    name=None
)
```

set_params

```
set_params(**params)
```

Set the parameters of this estimator.

The method works on simple estimators as well as on nested objects (such as pipelines). The former have parameters of the form `<component>__<parameter>` so that it's possible to update each component of a nested object.

Args:

- `**params` : Parameters.

Returns:

self

Raises:

- `ValueError` : If params contain invalid names.

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